FULCRUM
environmental consulting

February 3, 2021

Spokane County Building and Planning
Attn: Tammy Jones & Dawn Dompier
1026 W. Broadway Avenue
Spokane, WA, 99260

Re: REVISED Sundance Golf Course – December 2020 Soil Sampling Summary
Spokane County Files Nos. Clearing and Grading Permit B2002587;
Preliminary Plat PN-2078-19

Dear Ms. Jones and Ms. Dompier,

Fulcrum Environmental Consulting (Fulcrum) has been retained by Sundance Meadows, LLC to provide environmental services in support of the planned redevelopment of the former Sundance Golf Course located at 9725 North Nine Mile Road in Nine Mile Falls, Washington (subject site).

In review of public comment associated with the project, Fulcrum evaluated community concerns about the potential for residual arsenic presence associated with historical agricultural product use. In further evaluation of the matter Fulcrum also identified risk for residual lead and mercury impact associated with historical agricultural products that may have been used at the golf course. The greens were identified as the most likely location of residual impact. This letter is a revision of our original December 2020 Soil Sampling summary updated to include results of cadmium analysis.

Fulcrum conducted an initial sampling event for arsenic, lead, and mercury on December 3, 2020. Sampling focused on the greens but also included representative tee boxes and fairways with one (1) sample collected from each of the 18 former holes and one (1) from the driving range for a total of 19 samples. Results did not identify any residual arsenic or lead impact but did identify elevated mercury impact on two (2) greens. To better characterize this condition Fulcrum collected 162 additional soil samples from the greens on December 16, 2020. Results of the testing identified four (4) additional greens with residual mercury impact within portions of the green.

Based on public comments provided during the January 27, 2021 public meeting, Fulcrum arranged for cadmium analysis of 18 samples with each one representing a different green.

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All sampling services were provided by, or under the direction of Travis Trent, a Principal of Fulcrum with 25-years of experience in environmental site assessment investigations. Mr. Trent is a Washington State Licensed Geologist (LG) and Licensed Hydrogeologist (LHG); a Certified Industrial Hygienist (CIH); a Certified Hazardous Materials Manager (CHMM); Certified Safety Professional (CSP). A copy of relevant qualifications are presented in Attachment 1.

December 3, 2020 – Preliminary Soil Sampling for Residual Heavy Metal Impact

On December 3, 2020, Fulcrum conducted a limited soil investigation for potential arsenic, lead, and mercury residual impact associated with historical agricultural products used at the former Sundance Golf Course. Fulcrum collected 19 near-surface (2-18 inches below ground surface) soil samples from representative tee boxes, fairways, and putting greens across the former Sundance Golf Course. Laboratory analysis identified arsenic and lead to be below Washington State regulatory thresholds. Two (2) putting greens were identified with residual mercury impact above applicable regulatory thresholds.

Below is a summary table for the sampling conducted on December 3, 2020. A copy of the laboratory report is presented in Attachment 2. A sample location map is presented in Attachment 3.

Table 1: December 3, 2020 - Surface Soil Sample Results of Detected Metals in ppm (mg/Kg)

Sample	Location	Sample Depth (in)	Arsenic	Lead	Mercury
SD-120320-01	Hole 1, Tee Box	3	10	6.9	ND
SD-120320-02	Hole 2, Putting Green	4	6.5	5.8	ND
SD-120320-03	Hole 3, Fairway	3	9.6	13	ND
SD-120320-04	Hole 4, Putting Green	6	13	18	**5.2**
SD-120320-05	Hole 5, Putting Green	1.5	8.3	5.8	ND
SD-120320-06	Hole 6, Tee Box	6	6.9	9.1	ND
SD-120320-07	Hole 7, Putting Green	3	13	18	**6.9**
SD-120320-08	Hole 8, Fairway	6	9.8	12	ND
SD-120320-09	Hole 9, Tee Box	6	9.1	12	ND

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Sample	Location	Sample Depth (in)	Arsenic	Lead	Mercury
SD-120320-10	Hole 10, Tee Box	6	8.0	11	ND
SD-120320-11	Hole 11, Putting Green	6	5.1	13	0.1
SD-120320-12	Hole 12, Tee Box	6	3.7	9.3	ND
SD-120320-13	Hole 13, Putting Green	3	3.7	4.0	ND
SD-120320-14	Hole 14, Fairway	10	11	12	ND
SD-120320-15	Hole 15, Putting Green	3	8.8	6.3	ND
SD-120320-16	Hole 16, Tee Box	3	14	11	0.11
SD-120320-17	Hole 17, Putting Green	3	7.8	5.9	ND
SD-120320-18	Hole 18, Putting Green	3	11	6.6	ND
SD-120320-19	Driving Range	18	4.5	10	ND
Average Concentration			9.25	10.51	1.36
Background 90th Percentile Concentration for Spokane Basin			9.34	14.91	0.02
MTCA Method A Cleanup Level (mg/kg)			20	250	2

ND – Non Detect in – Inches MTCA – Model Toxics Control Act

Sampling of representative soils throughout the golf course identified arsenic and lead concentrations to be consistent with normal background concentrations in the Spokane Basin with no locations identified above Washington State Model Toxic Control Act (MTCA) standards for unregulated residential use. Two (2) of the 19 collected samples, both putting greens, were shown to have mercury concentrations above regulatory thresholds. Based on the initial soil sampling results, and from an abundance of caution, Fulcrum recommended additional soil sampling of putting greens located throughout the golf course to further characterize potential elevated mercury concentrations in site soil.

December 16, 2020 – Soil Sampling for Mercury Impact on Putting Greens

On December 16, 2020, Fulcrum conducted additional soil sampling for residual mercury impact associated with historical agricultural products used on the former Sundance Golf Course. Fulcrum collected samples from three (3) locations at each green (54 total sample locations) with three (3)

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samples collected at each location (3-inch, 6-inch, and 12-inch) for a total of 162 samples. The three-inch sample horizon was analyzed for all 54 sample locations. Any locations identified with Mercury above applicable regulatory thresholds were further analyzed at the six-inch horizon and the same for the 12-inch horizon.

A total of four (4) of the 54 sample locations came back with mercury concentrations above the States regulatory threshold for residential land use. One of the four (4) locations was found to still be above the regulatory threshold at six-inches. The location was below the regulatory threshold at 12-inches. Copies of the laboratory analytical reports are presented in Attachment 2. A sample location map is presented in Attachment 3. A summary table of the soil samples collected from representative areas of the golf course on December 16, 2020, is presented in Attachment 4. A photographic document is presented in Attachment 5.

January 25, 2021 – Follow-up Analysis for Cadmium Impact on Putting Greens

Additional analysis was requested for 18 of the samples in January of 2021, to evaluate for potential cadmium presence. Fulcrum's research of historical agricultural products associated with golf course maintenance had not identified cadmium as a potential contaminant, but public comment provided during the January 27, 2021 meeting identified a concern. Samples collected on December 16, 2021, were still on hold at the laboratory and within the analytical hold time so one (1) sample was randomly selected from each green and analyzed for cadmium at the 3-inch horizon.

Sixteen (16) of the samples were shown through analysis to be non-detect for cadmium. Two (2) samples were identified with detectable concentrations of cadmium below the regulatory threshold and comparable to regional background concentrations. A copy of the analytical report is presented in Attachment 2.

Findings

Sampling of representative putting green soils throughout the golf course identified six (6) of the putting greens to have areas of mercury-impacted soil above regulatory thresholds. The source of impact is most likely an agricultural product used to treat snow mold. Impact was limited to near surface soils (less than six inches). See Figure 3 in Attachment 3 for a presentation of impact areas.

Recommendations

Fulcrum identified no information to indicate that the agricultural products were used in any manner inconsistent with labeling and, as such, it is Fulcrum's opinion that the residual impact

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does not constitute a regulated release to the environment. However, in consideration of the planned conversion of site use from a golf course to residential properties, Fulcrum recommends that the six (6) localized areas of mercury-impacted soil be handled as if it were a regulated release in full compliance with all applicable Washington State Department of Ecology (Ecology) Regulations. Workers impacting the soils should also be trained and protected in accordance with Washington State Department of Labor and Industries requirements. Fulcrum anticipates preparing design for these services as part of site redevelopment planning and will provide oversight, validation testing, and summary reporting to Ecology following completion of the remedial action.

If you have any questions, please feel free to contact us at 509.459.9220.

Sincerely,

Scott Groat, GIT, CESCL
Field Manager

Travis Trent, LG, LHG, CIH, CHMM, CSP
Principal

Attachment 1 – Relevant Professional Certifications
Attachment 2 – Laboratory Analytical Results
Attachment 3 – Sample Location Map
Attachment 4 – December 16, 2020 Soil Sampling Summary Table
Attachment 5 – Photographic Document

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STATE OF WASHINGTON

DEPARTMENT OF LICENSING – BUSINESS AND PROFESSIONS DIVISION

THIS CERTIFIES THAT THE PERSON OR BUSINESS NAMED BELOW IS AUTHORIZED AS A

WASHINGTON STATE DEPARTMENT OF LICENSING

GEOLOGIST
Hydrogeologist

Travis L Trent
1127 W 8th Ave
Spokane WA 99204-3107

License Number	Issue Date	Expiration Date
364	2002-01-08	2021-06-06

Teresa Berntsen

Teresa Berntsen, Director

(R/7/19)

The Board for Global EHS Credentialing (BGC)

through its vested authority, hereby confirms that

Travis L. Trent

has met all requirements of education, experience, and examination, and on-going maintenance set forth through the BGC's American Board of Industrial Hygiene®'s (ABIH®) credentialing division for re-certification in the Comprehensive Practice of Industrial Hygiene and is thereby conferred the credential of

Certified Industrial Hygienist® (CIH®)

The aforenamed individual is given all rights, privileges, and responsibilities as both a diplomate of the BGC and holder of the CIH credential, provided that the credential is not suspended or revoked, and it is renewed annually. Moreover, the holder must meet all recertification requirements, including the obligation to practice ethically as prescribed by the BGC.

Credential Number:	9850 CP
Award Date:	November 19, 2010
Expiration Date:	June 1, 2026

Cynthia Hanko, CIH
Chair of the Board of Directors

Ulric K. Chung, MCS, PhD
Chief Executive Officer and Secretary

ABIH®

american board of industrial hygiene®

organized to improve the practice of industrial hygiene
proclaims that

Travis L. Trent

having met all requirements of
education, experience and examination, and
ongoing maintenance,
is hereby certified in the

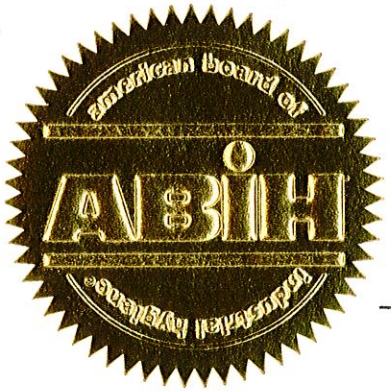
COMPREHENSIVE PRACTICE
of
INDUSTRIAL HYGIENE

and has the right to use the designations

CERTIFIED INDUSTRIAL HYGIENIST

CIH

Certificate Number	**9850 CP**
Awarded:	**November 19, 2010**
Expiration Date:	**June 1, 2021**



Susan Ripple
Chair, ABIH

Chief Executive Officer, ABIH

INSTITUTE OF HAZARDOUS MATERIALS MANAGEMENT

THIS CERTIFIES THAT

TRAVIS LYLE TRENT

HAS SUCCESSFULLY MET ALL THE REQUIREMENTS OF EDUCATION, EXPERIENCE AND EXAMINATION, AND IS HEREBY DESIGNATED A

CERTIFIED HAZARDOUS MATERIALS MANAGER®
CHMM®

January 30, 2014
DATE OF CERTIFICATION

16533
CREDENTIAL NUMBER

June 30, 2024
CERTIFICATION EXPIRES

EUGENE A. GUILFORD, JR.
EXECUTIVE DIRECTOR

VALID SO LONG AS THIS CREDENTIAL IS RENEWED ACCORDING TO SCHEDULE AND IS NOT OTHERWISE REVOKED.

ANSI Accredited Program PERSONNEL CERTIFICATION

Accredited by the American National Standards Institute and the Council of Engineering and Scientific Specialty Boards

Board of Certified Safety Professionals

Upon the recommendation of the
Board of Certified Safety Professionals,
by virtue of the authority vested in it,
has conferred on

Travis L Trent

the credential of

Certified Safety Professional

and has granted the title as evidence of meeting the qualifications and passing the required examination so long as this credential is not suspended or revoked and is renewed annually and meets all recertification requirements.

CSP®

BOARD OF CERTIFIED SAFETY PROFESSIONALS

April 03, 2012
DATE ISSUED

CSP-22968
CERTIFICATION NUMBER

BOARD PRESIDENT SIGNATURE

BOARD SECRETARY SIGNATURE

Duplicate Issued March 20, 2018

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Spokane
11922 East 1st Ave
Spokane, WA 99206
Tel: (509)924-9200

Laboratory Job ID: 590-14312-1
Client Project/Site: Sundance Phase II Soil/192860.01

For:
Fulcrum Environmental
207 West Boone Avenue
Spokane, Washington 99201

Attn: Scott Groat

Randee Arrington

Authorized for release by:
12/10/2020 5:23:55 PM

Randee Arrington, Project Manager II
(509)924-9200
Randee.Arrington@Eurofinset.com

Table of Contents

Case Narrative

Client: Fulcrum Environmental
Project/Site: Sundance Phase II Soil/192860.01

Job ID: 590-14312-1

Job ID: 590-14312-1

Laboratory: Eurofins TestAmerica, Spokane

Narrative

Receipt
The samples were received on 12/3/2020 1:30 PM; the samples arrived in good condition.

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

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

Sample Summary

Client: Fulcrum Environmental
Project/Site: Sundance Phase II Soil/192860.01

Job ID: 590-14312-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
590-14312-1	SD-120320-01	Solid	12/03/20 10:30	12/03/20 13:30	
590-14312-2	SD-120320-02	Solid	12/03/20 11:41	12/03/20 13:30	
590-14312-3	SD-120320-03	Solid	12/03/20 11:37	12/03/20 13:30	
590-14312-4	SD-120320-04	Solid	12/03/20 12:07	12/03/20 13:30	
590-14312-5	SD-120320-05	Solid	12/03/20 12:25	12/03/20 13:30	
590-14312-6	SD-120320-06	Solid	12/03/20 12:20	12/03/20 13:30	
590-14312-7	SD-120320-07	Solid	12/03/20 11:50	12/03/20 13:30	
590-14312-8	SD-120320-08	Solid	12/03/20 12:00	12/03/20 13:30	
590-14312-9	SD-120320-09	Solid	12/03/20 12:11	12/03/20 13:30	
590-14312-10	SD-120320-10	Solid	12/03/20 10:11	12/03/20 13:30	
590-14312-11	SD-120320-11	Solid	12/03/20 11:04	12/03/20 13:30	
590-14312-12	SD-120320-12	Solid	12/03/20 11:10	12/03/20 13:30	
590-14312-13	SD-120320-13	Solid	12/03/20 11:30	12/03/20 13:30	
590-14312-14	SD-120320-14	Solid	12/03/20 11:20	12/03/20 13:30	
590-14312-15	SD-120320-15	Solid	12/03/20 10:51	12/03/20 13:30	
590-14312-16	SD-120320-16	Solid	12/03/20 10:45	12/03/20 13:30	
590-14312-17	SD-120320-17	Solid	12/03/20 11:15	12/03/20 13:30	
590-14312-18	SD-120320-18	Solid	12/03/20 10:24	12/03/20 13:30	
590-14312-19	SD-120320-19	Solid	12/03/20 10:35	12/03/20 13:30	
590-14312-20	SD-120320-20	Solid	12/03/20 11:55	12/03/20 13:30	

Glossary

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

Client Sample Results

Client: Fulcrum Environmental
Job ID: 590-14312-1
Project/Site: Sundance Phase II Soil/192860.01

Client Sample ID: SD-120320-01
Lab Sample ID: 590-14312-1
Date Collected: 12/03/20 10:30
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 85.3

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10		0.99		mg/Kg	☼	12/08/20 08:55	12/09/20 12:18	1
Lead	6.9		2.4		mg/Kg	☼	12/08/20 08:55	12/09/20 12:18	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		40		ug/Kg		12/08/20 08:57	12/08/20 15:08	1

Client Sample ID: SD-120320-02
Lab Sample ID: 590-14312-2
Date Collected: 12/03/20 11:41
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 76.4

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.5		1.0		mg/Kg	☼	12/08/20 08:55	12/09/20 12:41	1
Lead	5.8		2.4		mg/Kg	☼	12/08/20 08:55	12/09/20 12:41	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		36		ug/Kg		12/08/20 08:57	12/08/20 15:17	1

Client Sample ID: SD-120320-03
Lab Sample ID: 590-14312-3
Date Collected: 12/03/20 11:37
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 85.7

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.6		1.1		mg/Kg	☼	12/08/20 08:55	12/09/20 12:45	1
Lead	13		2.7		mg/Kg	☼	12/08/20 08:55	12/09/20 12:45	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		41		ug/Kg		12/08/20 08:57	12/08/20 15:19	1

Client Sample ID: SD-120320-04
Lab Sample ID: 590-14312-4
Date Collected: 12/03/20 12:07
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 72.4

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13		1.2		mg/Kg	☼	12/08/20 08:55	12/09/20 13:01	1
Lead	18		2.8		mg/Kg	☼	12/08/20 08:55	12/09/20 13:01	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	5200		300		ug/Kg		12/08/20 08:57	12/08/20 16:33	10

Client Sample ID: SD-120320-05
Lab Sample ID: 590-14312-5
Date Collected: 12/03/20 12:25
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 81.0

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.3		1.0		mg/Kg	☼	12/08/20 08:55	12/09/20 13:05	1
Lead	5.8		2.5		mg/Kg	☼	12/08/20 08:55	12/09/20 13:05	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		38		ug/Kg		12/08/20 08:57	12/08/20 15:25	1

Client Sample ID: SD-120320-06
Lab Sample ID: 590-14312-6
Date Collected: 12/03/20 12:20
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 90.1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.9		1.9		mg/Kg	☼	12/08/20 08:55	12/09/20 14:19	2
Lead	9.1		4.6		mg/Kg	☼	12/08/20 08:55	12/09/20 14:19	2

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		43		ug/Kg		12/08/20 08:57	12/08/20 15:32	1

Client Sample ID: SD-120320-07
Lab Sample ID: 590-14312-7
Date Collected: 12/03/20 11:50
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 86.4

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13		0.93		mg/Kg	☼	12/08/20 08:55	12/09/20 13:13	1
Lead	18		2.2		mg/Kg	☼	12/08/20 08:55	12/09/20 13:13	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	6900		400		ug/Kg		12/08/20 08:57	12/08/20 16:28	10

Client Sample ID: SD-120320-08
Lab Sample ID: 590-14312-8
Date Collected: 12/03/20 12:00
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 88.7

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.8		1.1		mg/Kg	☼	12/08/20 08:55	12/09/20 13:17	1
Lead	12		2.6		mg/Kg	☼	12/08/20 08:55	12/09/20 13:17	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		42		ug/Kg		12/08/20 08:57	12/08/20 15:39	1

Client Sample ID: SD-120320-09
Lab Sample ID: 590-14312-9
Date Collected: 12/03/20 12:11
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 89.7

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.1		1.8		mg/Kg	☼	12/08/20 08:55	12/09/20 14:23	2
Lead	12		4.3		mg/Kg	☼	12/08/20 08:55	12/09/20 14:23	2

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		41		ug/Kg		12/08/20 08:57	12/08/20 15:41	1

Client Sample ID: SD-120320-10
Lab Sample ID: 590-14312-10
Date Collected: 12/03/20 10:11
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 88.6

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.0		1.9		mg/Kg	☼	12/08/20 08:55	12/09/20 14:27	2
Lead	11		4.7		mg/Kg	☼	12/08/20 08:55	12/09/20 14:27	2

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		43		ug/Kg		12/08/20 08:57	12/08/20 15:43	1

Client Sample ID: SD-120320-11
Lab Sample ID: 590-14312-11
Date Collected: 12/03/20 11:04
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 80.2

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.1		1.0		mg/Kg	☼	12/08/20 08:55	12/10/20 11:01	1
Lead	13		4.8		mg/Kg	☼	12/08/20 08:55	12/09/20 14:43	2

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	100		37		ug/Kg		12/08/20 08:57	12/08/20 15:46	1

Client Sample ID: SD-120320-12
Lab Sample ID: 590-14312-12
Date Collected: 12/03/20 11:10
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 91.4

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.7		0.97		mg/Kg	☼	12/08/20 08:55	12/10/20 11:05	1
Lead	9.3		4.7		mg/Kg	☼	12/08/20 08:55	12/09/20 14:47	2

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		45		ug/Kg		12/08/20 08:57	12/08/20 15:48	1

Client Sample ID: SD-120320-13
Lab Sample ID: 590-14312-13
Date Collected: 12/03/20 11:30
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 83.5

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.7		1.2		mg/Kg	☼	12/08/20 08:55	12/09/20 13:36	1
Lead	4.0		2.8		mg/Kg	☼	12/08/20 08:55	12/09/20 13:36	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		41		ug/Kg		12/08/20 08:57	12/08/20 15:50	1

Client Sample ID: SD-120320-14
Lab Sample ID: 590-14312-14
Date Collected: 12/03/20 11:20
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 90.7

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		0.89		mg/Kg	☼	12/08/20 08:55	12/09/20 13:52	1
Lead	12		2.1		mg/Kg	☼	12/08/20 08:55	12/09/20 13:52	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		40		ug/Kg		12/08/20 08:57	12/08/20 15:52	1

Client Sample ID: SD-120320-15
Lab Sample ID: 590-14312-15
Date Collected: 12/03/20 10:51
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 82.6

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.8		1.0		mg/Kg	☼	12/08/20 08:55	12/09/20 13:56	1
Lead	6.3		2.5		mg/Kg	☼	12/08/20 08:55	12/09/20 13:56	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		38		ug/Kg		12/08/20 08:57	12/08/20 15:55	1

Client Sample ID: SD-120320-16
Lab Sample ID: 590-14312-16
Date Collected: 12/03/20 10:45
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 88.1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	14		1.1		mg/Kg	☼	12/08/20 08:55	12/09/20 13:59	1
Lead	11		2.5		mg/Kg	☼	12/08/20 08:55	12/09/20 13:59	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	110		37		ug/Kg		12/08/20 08:57	12/08/20 16:02	1

Client Sample ID: SD-120320-17
Lab Sample ID: 590-14312-17
Date Collected: 12/03/20 11:15
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 79.2

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.8		1.0		mg/Kg	☼	12/08/20 08:55	12/09/20 14:03	1
Lead	5.9		2.5		mg/Kg	☼	12/08/20 08:55	12/09/20 14:03	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		37		ug/Kg		12/08/20 08:57	12/08/20 16:04	1

Client Sample ID: SD-120320-18
Lab Sample ID: 590-14312-18
Date Collected: 12/03/20 10:24
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 82.3

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		1.1		mg/Kg	☼	12/08/20 08:55	12/09/20 14:07	1
Lead	6.6		2.6		mg/Kg	☼	12/08/20 08:55	12/09/20 14:07	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		38		ug/Kg		12/08/20 08:57	12/08/20 16:06	1

Client Sample ID: SD-120320-19
Lab Sample ID: 590-14312-19
Date Collected: 12/03/20 10:35
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 91.1

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.5		0.87		mg/Kg	☼	12/08/20 08:55	12/10/20 11:09	1
Lead	10		4.2		mg/Kg	☼	12/08/20 08:55	12/09/20 14:51	2

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		40		ug/Kg		12/08/20 08:57	12/08/20 16:14	1

Client Sample ID: SD-120320-20
Lab Sample ID: 590-14312-20
Date Collected: 12/03/20 11:55
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 87.2

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12		1.1		mg/Kg	☼	12/08/20 08:55	12/09/20 14:15	1
Lead	10		2.6		mg/Kg	☼	12/08/20 08:55	12/09/20 14:15	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	7600		400		ug/Kg		12/08/20 08:57	12/08/20 16:30	10

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 590-29898/2-A
Matrix: Solid
Analysis Batch: 29927

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 29898

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.3		mg/Kg		12/08/20 08:54	12/09/20 12:14	1
Lead	ND		3.0		mg/Kg		12/08/20 08:54	12/09/20 12:14	1

Lab Sample ID: LCS 590-29898/1-A
Matrix: Solid
Analysis Batch: 29927

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 29898

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	100	99.2		mg/Kg		99	80 - 120
Lead	50.0	56.7		mg/Kg		113	80 - 120

Lab Sample ID: 590-14312-1 MS
Matrix: Solid
Analysis Batch: 29927

Client Sample ID: SD-120320-01
Prep Type: Total/NA
Prep Batch: 29898

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	10		117	124		mg/Kg	☼	97	75 - 125
Lead	6.9		58.6	67.4		mg/Kg	☼	103	75 - 125

Lab Sample ID: 590-14312-1 MSD
Matrix: Solid
Analysis Batch: 29927

Client Sample ID: SD-120320-01
Prep Type: Total/NA
Prep Batch: 29898

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	10		117	127		mg/Kg	☼	99	75 - 125	2	20
Lead	6.9		58.6	67.8		mg/Kg	☼	104	75 - 125	1	20

Lab Sample ID: 590-14312-1 DU
Matrix: Solid
Analysis Batch: 29927

Client Sample ID: SD-120320-01
Prep Type: Total/NA
Prep Batch: 29898

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	10		9.74		mg/Kg	☼	7	20
Lead	6.9		6.16		mg/Kg	☼	11	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 590-29899/9-A
Matrix: Solid
Analysis Batch: 29916

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 29899

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		50		ug/Kg		12/08/20 08:57	12/08/20 15:05	1

Lab Sample ID: LCS 590-29899/8-A
Matrix: Solid
Analysis Batch: 29916

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 29899

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Hg	200	199		ug/Kg		100	80 - 120

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 590-14312-1 MS
Matrix: Solid
Analysis Batch: 29916

Client Sample ID: SD-120320-01
Prep Type: Total/NA
Prep Batch: 29899

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Hg	ND		161	166		ug/Kg		103	80 - 120		

Lab Sample ID: 590-14312-1 MSD
Matrix: Solid
Analysis Batch: 29916

Client Sample ID: SD-120320-01
Prep Type: Total/NA
Prep Batch: 29899

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hg	ND		161	171		ug/Kg		106	80 - 120	3	20

Lab Sample ID: 590-14312-1 DU
Matrix: Solid
Analysis Batch: 29916

Client Sample ID: SD-120320-01
Prep Type: Total/NA
Prep Batch: 29899

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Hg	ND		ND		ug/Kg		NC	20

Lab Chronicle

Client: Fulcrum Environmental
Job ID: 590-14312-1
Project/Site: Sundance Phase II Soil/192860.01

Client Sample ID: SD-120320-01
Lab Sample ID: 590-14312-1
Date Collected: 12/03/20 10:30
Matrix: Solid
Date Received: 12/03/20 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.62 g	50 mL	29899	12/08/20 08:57	AMB	TAL SPK
Total/NA	Analysis	7471B		1			29916	12/08/20 15:08	AMB	TAL SPK
Total/NA	Analysis	Moisture		1			29885	12/04/20 13:42	AMB	TAL SPK

Client Sample ID: SD-120320-01
Lab Sample ID: 590-14312-1
Date Collected: 12/03/20 10:30
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 85.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.48 g	50 mL	29898	12/08/20 08:55	AMB	TAL SPK
Total/NA	Analysis	6010D		1			29927	12/09/20 12:18	JSP	TAL SPK

Client Sample ID: SD-120320-02
Lab Sample ID: 590-14312-2
Date Collected: 12/03/20 11:41
Matrix: Solid
Date Received: 12/03/20 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.69 g	50 mL	29899	12/08/20 08:57	AMB	TAL SPK
Total/NA	Analysis	7471B		1			29916	12/08/20 15:17	AMB	TAL SPK
Total/NA	Analysis	Moisture		1			29885	12/04/20 13:54	AMB	TAL SPK

Client Sample ID: SD-120320-02
Lab Sample ID: 590-14312-2
Date Collected: 12/03/20 11:41
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 76.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.62 g	50 mL	29898	12/08/20 08:55	AMB	TAL SPK
Total/NA	Analysis	6010D		1			29927	12/09/20 12:41	JSP	TAL SPK

Client Sample ID: SD-120320-03
Lab Sample ID: 590-14312-3
Date Collected: 12/03/20 11:37
Matrix: Solid
Date Received: 12/03/20 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.61 g	50 mL	29899	12/08/20 08:57	AMB	TAL SPK
Total/NA	Analysis	7471B		1			29916	12/08/20 15:19	AMB	TAL SPK
Total/NA	Analysis	Moisture		1			29885	12/04/20 13:54	AMB	TAL SPK

Client Sample ID: SD-120320-03
Lab Sample ID: 590-14312-3
Date Collected: 12/03/20 11:37
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.29 g	50 mL	29898	12/08/20 08:55	AMB	TAL SPK
Total/NA	Analysis	6010D		1			29927	12/09/20 12:45	JSP	TAL SPK

Lab Chronicle

Client: Fulcrum Environmental
Job ID: 590-14312-1
Project/Site: Sundance Phase II Soil/192860.01

Client Sample ID: SD-120320-04
Lab Sample ID: 590-14312-4
Date Collected: 12/03/20 12:07
Matrix: Solid
Date Received: 12/03/20 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.84 g	50 mL	29899	12/08/20 08:57	AMB	TAL SPK
Total/NA	Analysis	7471B		10			29916	12/08/20 16:33	AMB	TAL SPK
Total/NA	Analysis	Moisture		1			29885	12/04/20 13:54	AMB	TAL SPK

Client Sample ID: SD-120320-04
Lab Sample ID: 590-14312-4
Date Collected: 12/03/20 12:07
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 72.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.48 g	50 mL	29898	12/08/20 08:55	AMB	TAL SPK
Total/NA	Analysis	6010D		1			29927	12/09/20 13:01	JSP	TAL SPK

Client Sample ID: SD-120320-05
Lab Sample ID: 590-14312-5
Date Collected: 12/03/20 12:25
Matrix: Solid
Date Received: 12/03/20 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.65 g	50 mL	29899	12/08/20 08:57	AMB	TAL SPK
Total/NA	Analysis	7471B		1			29916	12/08/20 15:25	AMB	TAL SPK
Total/NA	Analysis	Moisture		1			29885	12/04/20 13:54	AMB	TAL SPK

Client Sample ID: SD-120320-05
Lab Sample ID: 590-14312-5
Date Collected: 12/03/20 12:25
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 81.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.47 g	50 mL	29898	12/08/20 08:55	AMB	TAL SPK
Total/NA	Analysis	6010D		1			29927	12/09/20 13:05	JSP	TAL SPK

Client Sample ID: SD-120320-06
Lab Sample ID: 590-14312-6
Date Collected: 12/03/20 12:20
Matrix: Solid
Date Received: 12/03/20 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.58 g	50 mL	29899	12/08/20 08:57	AMB	TAL SPK
Total/NA	Analysis	7471B		1			29916	12/08/20 15:32	AMB	TAL SPK
Total/NA	Analysis	Moisture		1			29885	12/04/20 13:54	AMB	TAL SPK

Client Sample ID: SD-120320-06
Lab Sample ID: 590-14312-6
Date Collected: 12/03/20 12:20
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.45 g	50 mL	29898	12/08/20 08:55	AMB	TAL SPK
Total/NA	Analysis	6010D		2			29927	12/09/20 14:19	JSP	TAL SPK

Lab Chronicle

Client: Fulcrum Environmental
Job ID: 590-14312-1
Project/Site: Sundance Phase II Soil/192860.01

Client Sample ID: SD-120320-07
Lab Sample ID: 590-14312-7
Date Collected: 12/03/20 11:50
Matrix: Solid
Date Received: 12/03/20 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.63 g	50 mL	29899	12/08/20 08:57	AMB	TAL SPK
Total/NA	Analysis	7471B		10			29916	12/08/20 16:28	AMB	TAL SPK
Total/NA	Analysis	Moisture		1			29885	12/04/20 13:54	AMB	TAL SPK

Client Sample ID: SD-120320-07
Lab Sample ID: 590-14312-7
Date Collected: 12/03/20 11:50
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.56 g	50 mL	29898	12/08/20 08:55	AMB	TAL SPK
Total/NA	Analysis	6010D		1			29927	12/09/20 13:13	JSP	TAL SPK

Client Sample ID: SD-120320-08
Lab Sample ID: 590-14312-8
Date Collected: 12/03/20 12:00
Matrix: Solid
Date Received: 12/03/20 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.59 g	50 mL	29899	12/08/20 08:57	AMB	TAL SPK
Total/NA	Analysis	7471B		1			29916	12/08/20 15:39	AMB	TAL SPK
Total/NA	Analysis	Moisture		1			29885	12/04/20 13:54	AMB	TAL SPK

Client Sample ID: SD-120320-08
Lab Sample ID: 590-14312-8
Date Collected: 12/03/20 12:00
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.29 g	50 mL	29898	12/08/20 08:55	AMB	TAL SPK
Total/NA	Analysis	6010D		1			29927	12/09/20 13:17	JSP	TAL SPK

Client Sample ID: SD-120320-09
Lab Sample ID: 590-14312-9
Date Collected: 12/03/20 12:11
Matrix: Solid
Date Received: 12/03/20 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.61 g	50 mL	29899	12/08/20 08:57	AMB	TAL SPK
Total/NA	Analysis	7471B		1			29916	12/08/20 15:41	AMB	TAL SPK
Total/NA	Analysis	Moisture		1			29885	12/04/20 13:54	AMB	TAL SPK

Client Sample ID: SD-120320-09
Lab Sample ID: 590-14312-9
Date Collected: 12/03/20 12:11
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.57 g	50 mL	29898	12/08/20 08:55	AMB	TAL SPK
Total/NA	Analysis	6010D		2			29927	12/09/20 14:23	JSP	TAL SPK

Lab Chronicle

Client: Fulcrum Environmental
Job ID: 590-14312-1
Project/Site: Sundance Phase II Soil/192860.01

Client Sample ID: SD-120320-10
Lab Sample ID: 590-14312-10
Date Collected: 12/03/20 10:11
Matrix: Solid
Date Received: 12/03/20 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.58 g	50 mL	29899	12/08/20 08:57	AMB	TAL SPK
Total/NA	Analysis	7471B		1			29916	12/08/20 15:43	AMB	TAL SPK
Total/NA	Analysis	Moisture		1			29885	12/04/20 13:54	AMB	TAL SPK

Client Sample ID: SD-120320-10
Lab Sample ID: 590-14312-10
Date Collected: 12/03/20 10:11
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.45 g	50 mL	29898	12/08/20 08:55	AMB	TAL SPK
Total/NA	Analysis	6010D		2			29927	12/09/20 14:27	JSP	TAL SPK

Client Sample ID: SD-120320-11
Lab Sample ID: 590-14312-11
Date Collected: 12/03/20 11:04
Matrix: Solid
Date Received: 12/03/20 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.68 g	50 mL	29899	12/08/20 08:57	AMB	TAL SPK
Total/NA	Analysis	7471B		1			29916	12/08/20 15:46	AMB	TAL SPK
Total/NA	Analysis	Moisture		1			29885	12/04/20 13:54	AMB	TAL SPK

Client Sample ID: SD-120320-11
Lab Sample ID: 590-14312-11
Date Collected: 12/03/20 11:04
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 80.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.55 g	50 mL	29898	12/08/20 08:55	AMB	TAL SPK
Total/NA	Analysis	6010D		2			29927	12/09/20 14:43	JSP	TAL SPK
Total/NA	Prep	3050B			1.55 g	50 mL	29898	12/08/20 08:55	AMB	TAL SPK
Total/NA	Analysis	6010D		1			29953	12/10/20 11:01	JSP	TAL SPK

Client Sample ID: SD-120320-12
Lab Sample ID: 590-14312-12
Date Collected: 12/03/20 11:10
Matrix: Solid
Date Received: 12/03/20 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.56 g	50 mL	29899	12/08/20 08:57	AMB	TAL SPK
Total/NA	Analysis	7471B		1			29916	12/08/20 15:48	AMB	TAL SPK
Total/NA	Analysis	Moisture		1			29885	12/04/20 13:54	AMB	TAL SPK

Lab Chronicle

Client: Fulcrum Environmental
Job ID: 590-14312-1
Project/Site: Sundance Phase II Soil/192860.01

Client Sample ID: SD-120320-12
Lab Sample ID: 590-14312-12
Date Collected: 12/03/20 11:10
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.41 g	50 mL	29898	12/08/20 08:55	AMB	TAL SPK
Total/NA	Analysis	6010D		2			29927	12/09/20 14:47	JSP	TAL SPK
Total/NA	Prep	3050B			1.41 g	50 mL	29898	12/08/20 08:55	AMB	TAL SPK
Total/NA	Analysis	6010D		1			29953	12/10/20 11:05	JSP	TAL SPK

Client Sample ID: SD-120320-13
Lab Sample ID: 590-14312-13
Date Collected: 12/03/20 11:30
Matrix: Solid
Date Received: 12/03/20 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.61 g	50 mL	29899	12/08/20 08:57	AMB	TAL SPK
Total/NA	Analysis	7471B		1			29916	12/08/20 15:50	AMB	TAL SPK
Total/NA	Analysis	Moisture		1			29885	12/04/20 13:54	AMB	TAL SPK

Client Sample ID: SD-120320-13
Lab Sample ID: 590-14312-13
Date Collected: 12/03/20 11:30
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.29 g	50 mL	29898	12/08/20 08:55	AMB	TAL SPK
Total/NA	Analysis	6010D		1			29927	12/09/20 13:36	JSP	TAL SPK

Client Sample ID: SD-120320-14
Lab Sample ID: 590-14312-14
Date Collected: 12/03/20 11:20
Matrix: Solid
Date Received: 12/03/20 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.63 g	50 mL	29899	12/08/20 08:57	AMB	TAL SPK
Total/NA	Analysis	7471B		1			29916	12/08/20 15:52	AMB	TAL SPK
Total/NA	Analysis	Moisture		1			29885	12/04/20 13:54	AMB	TAL SPK

Client Sample ID: SD-120320-14
Lab Sample ID: 590-14312-14
Date Collected: 12/03/20 11:20
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.54 g	50 mL	29898	12/08/20 08:55	AMB	TAL SPK
Total/NA	Analysis	6010D		1			29927	12/09/20 13:52	JSP	TAL SPK

Client Sample ID: SD-120320-15
Lab Sample ID: 590-14312-15
Date Collected: 12/03/20 10:51
Matrix: Solid
Date Received: 12/03/20 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.65 g	50 mL	29899	12/08/20 08:57	AMB	TAL SPK
Total/NA	Analysis	7471B		1			29916	12/08/20 15:55	AMB	TAL SPK

Lab Chronicle

Client: Fulcrum Environmental
Job ID: 590-14312-1
Project/Site: Sundance Phase II Soil/192860.01

Client Sample ID: SD-120320-15
Lab Sample ID: 590-14312-15
Date Collected: 12/03/20 10:51
Matrix: Solid
Date Received: 12/03/20 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			29885	12/04/20 13:54	AMB	TAL SPK

Client Sample ID: SD-120320-15
Lab Sample ID: 590-14312-15
Date Collected: 12/03/20 10:51
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.46 g	50 mL	29898	12/08/20 08:55	AMB	TAL SPK
Total/NA	Analysis	6010D		1			29927	12/09/20 13:56	JSP	TAL SPK

Client Sample ID: SD-120320-16
Lab Sample ID: 590-14312-16
Date Collected: 12/03/20 10:45
Matrix: Solid
Date Received: 12/03/20 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.68 g	50 mL	29899	12/08/20 08:57	AMB	TAL SPK
Total/NA	Analysis	7471B		1			29916	12/08/20 16:02	AMB	TAL SPK
Total/NA	Analysis	Moisture		1			29885	12/04/20 13:54	AMB	TAL SPK

Client Sample ID: SD-120320-16
Lab Sample ID: 590-14312-16
Date Collected: 12/03/20 10:45
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.34 g	50 mL	29898	12/08/20 08:55	AMB	TAL SPK
Total/NA	Analysis	6010D		1			29927	12/09/20 13:59	JSP	TAL SPK

Client Sample ID: SD-120320-17
Lab Sample ID: 590-14312-17
Date Collected: 12/03/20 11:15
Matrix: Solid
Date Received: 12/03/20 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.67 g	50 mL	29899	12/08/20 08:57	AMB	TAL SPK
Total/NA	Analysis	7471B		1			29916	12/08/20 16:04	AMB	TAL SPK
Total/NA	Analysis	Moisture		1			29885	12/04/20 13:54	AMB	TAL SPK

Client Sample ID: SD-120320-17
Lab Sample ID: 590-14312-17
Date Collected: 12/03/20 11:15
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 79.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.51 g	50 mL	29898	12/08/20 08:55	AMB	TAL SPK
Total/NA	Analysis	6010D		1			29927	12/09/20 14:03	JSP	TAL SPK

Lab Chronicle

Client: Fulcrum Environmental
Job ID: 590-14312-1
Project/Site: Sundance Phase II Soil/192860.01

Client Sample ID: SD-120320-18
Lab Sample ID: 590-14312-18
Date Collected: 12/03/20 10:24
Matrix: Solid
Date Received: 12/03/20 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.65 g	50 mL	29899	12/08/20 08:57	AMB	TAL SPK
Total/NA	Analysis	7471B		1			29916	12/08/20 16:06	AMB	TAL SPK
Total/NA	Analysis	Moisture		1			29885	12/04/20 13:54	AMB	TAL SPK

Client Sample ID: SD-120320-18
Lab Sample ID: 590-14312-18
Date Collected: 12/03/20 10:24
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 82.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.42 g	50 mL	29898	12/08/20 08:55	AMB	TAL SPK
Total/NA	Analysis	6010D		1			29927	12/09/20 14:07	JSP	TAL SPK

Client Sample ID: SD-120320-19
Lab Sample ID: 590-14312-19
Date Collected: 12/03/20 10:35
Matrix: Solid
Date Received: 12/03/20 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.63 g	50 mL	29899	12/08/20 08:57	AMB	TAL SPK
Total/NA	Analysis	7471B		1			29916	12/08/20 16:14	AMB	TAL SPK
Total/NA	Analysis	Moisture		1			29885	12/04/20 13:54	AMB	TAL SPK

Client Sample ID: SD-120320-19
Lab Sample ID: 590-14312-19
Date Collected: 12/03/20 10:35
Matrix: Solid
Date Received: 12/03/20 13:30
Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.58 g	50 mL	29898	12/08/20 08:55	AMB	TAL SPK
Total/NA	Analysis	6010D		2			29927	12/09/20 14:51	JSP	TAL SPK
Total/NA	Prep	3050B			1.58 g	50 mL	29898	12/08/20 08:55	AMB	TAL SPK
Total/NA	Analysis	6010D		1			29953	12/10/20 11:09	JSP	TAL SPK

Client Sample ID: SD-120320-20
Lab Sample ID: 590-14312-20
Date Collected: 12/03/20 11:55
Matrix: Solid
Date Received: 12/03/20 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.62 g	50 mL	29899	12/08/20 08:57	AMB	TAL SPK
Total/NA	Analysis	7471B		10			29916	12/08/20 16:30	AMB	TAL SPK
Total/NA	Analysis	Moisture		1			29885	12/04/20 13:54	AMB	TAL SPK

Lab Chronicle

Client: Fulcrum Environmental
Job ID: 590-14312-1
Project/Site: Sundance Phase II Soil/192860.01

Client Sample ID: SD-120320-20
Date Collected: 12/03/20 11:55
Date Received: 12/03/20 13:30

Lab Sample ID: 590-14312-20
Matrix: Solid
Percent Solids: 87.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.34 g	50 mL	29898	12/08/20 08:55	AMB	TAL SPK
Total/NA	Analysis	6010D		1			29927	12/09/20 14:15	JSP	TAL SPK

Laboratory References:

TAL SPK = Eurofins TestAmerica, Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Accreditation/Certification Summary

Client: Fulcrum Environmental
Job ID: 590-14312-1
Project/Site: Sundance Phase II Soil/192860.01

Laboratory: Eurofins TestAmerica, Spokane

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State	C569	01-06-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Fulcrum Environmental
Project/Site: Sundance Phase II Soil/192860.01

Job ID: 590-14312-1

Method	Method Description	Protocol	Laboratory
6010D	Metals (ICP)	SW846	TAL SPK
7471B	Mercury (CVAA)	SW846	TAL SPK
Moisture	Percent Moisture	EPA	TAL SPK
3050B	Preparation, Metals	SW846	TAL SPK
7471B	Preparation, Mercury	SW846	TAL SPK

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SPK = Eurofins TestAmerica, Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

11922 E. First Ave., Spokane WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave., Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

12/10/2020

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: Fulcrum Environmental Consulting, Inc.
REPORT TO: Scott Groat
ADDRESS: 207 W. Boone Ave, Spokane, WA 99201
PHONE: (509)459-9220 FAX:

INVOICE TO: Fulcrum
P.O. NUMBER:

PROJECT NAME: McKinney Sundance Phase II Soil
PROJECT NUMBER: 192860.01
SAMPLED BY: Travis Trent

TURNAROUND REQUEST in Business Days *
Organic & Inorganic Analyses: 10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: Arsenic	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SD-120320-01	12/3/20 1030		X	S	1		
2	-02	1141		X		1		
3	-03	1037		X		1		
4	-04	1207		X		1		
5	-05	1225		X		1		
6	-06	1220		X		1		
7	-07	1150		X		1		
8	-08	1200		X		1		
9	-09	1211		X		1		
10	-10	1011		X		1		

590-14312 Chain of Custody

RELEASED BY: A. Biondi — PRINT NAME: Amanda Biondi — FIRM: Fulcrum — DATE: 12/3/20 — TIME: 1330
RECEIVED BY: Randee Amngton — PRINT NAME: Randee Amngton — FIRM: ETA-SPK — DATE: 12/3/20 — TIME: 1330
RELEASED BY: — PRINT NAME: — FIRM: — DATE: — TIME:
RECEIVED BY: — PRINT NAME: — FIRM: — DATE: — TIME:

ADDITIONAL REMARKS:

TEMP:

PAGE 1 OF 2

TAL-1000 (0714)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

11922 E. First Ave., Spokane WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave., Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

12/10/2020

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: Fulcrum
REPORT TO: Scott Groat
ADDRESS:
PHONE: FAX:
INVOICE TO: Fulcrum
P.O. NUMBER:
PROJECT NAME: Kinney Sundance Ph II Soil
PROJECT NUMBER: 192860.[redacted]01
SAMPLED BY: Travis Trent

TURNAROUND REQUEST in Business Days *
Organic & Inorganic Analyses: [10] STD. [7] [5] [4] [3] [2] [1] [<1]
Petroleum Hydrocarbon Analyses: [5] STD. [4] [3] [2] [1] [<1]
[OTHER] Specify:
* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: Arsenic	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SD-120320-11	12/03/20 1104		X	S	1		
2	-12	1110		X		1		
3	-13	1130		X		1		
4	-14	1120		X		1		
5	-15	1051		X		1		
6	-16	1045		X		1		
7	-17	1115		X		1		
8	-18	1024		X		1		
9	-19	1035		X		1		
10	-20	1155		XX		1		

RELEASED BY: A. Biondi — DATE: 12/3/20
PRINT NAME: AMANDA BIONDI — FIRM: Fulcrum — TIME: 1330
RECEIVED BY: Randee Amngton — DATE: 12/3/20
PRINT NAME: Randee Amngton — FIRM: ESASP — TIME: 1330

RELEASED BY: — DATE:
PRINT NAME: — FIRM: — TIME:
RECEIVED BY: — DATE:
PRINT NAME: — FIRM: — TIME:

ADDITIONAL REMARKS:
TEMP:
PAGE 2 OF 2

TAL-1000 (0714)

Login Sample Receipt Checklist

Client: Fulcrum Environmental

Job Number: 590-14312-1

Login Number: 14312
List Number: 1
Creator: O'Toole, Maria C

List Source: Eurofins TestAmerica, Spokane

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Spokane
11922 East 1st Ave
Spokane, WA 99206
Tel: (509)924-9200

Laboratory Job ID: 590-14383-1
Client Project/Site: Kinney Sundance Mercruy Soil Sampling
Revision: 1

For:
Fulcrum Environmental
207 West Boone Avenue
Spokane, Washington 99201

Attn: Scott Groat

Randee Arrington

Authorized for release by:
12/28/2020 4:43:08 PM

Randee Arrington, Project Manager II
(509)924-9200
Randee.Arrington@Eurofinset.com

Table of Contents

Case Narrative

Client: Fulcrum Environmental
Job ID: 590-14383-1
Project/Site: Kinney Sundance Mercruy Soil Sampling

Job ID: 590-14383-1

Laboratory: Eurofins TestAmerica, Spokane

Narrative

Revision
The report being provided is a revision of the original report sent on 12/22/2020. The report (revision 1) is being revised due to: The client sample ID for the following sample was revised per the clients request: 590-14383-169.

Receipt
The samples were received on 12/17/2020 4:24 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.0º C and 4.1º C.

Receipt Exceptions
The collection times for multiple samples did not match the collection times on the COC. The client was contacted the laboratory was instructed to log the samples in according to the COC.

The following samples were submitted for analysis; however, they were not listed on the Chain-of-Custody (COC): SGC-121620-67.02 (590-14383-143), SGC-121620-67.03 (590-14383-144) and SGC-121620-68.01 (590-14383-145). The samples were logged in with a collection date of 12/17/20 but no collection time was available.

Metals
Method 7471B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 590-30040 and 590-30041 and analytical batch 590-30070 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 7471B: The sample duplicate (DUP) precision for preparation batch 590-30040 and 590-30042 and analytical batch 590-30070 was outside control limits. Sample matrix interference is suspected.

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

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

Sample Summary

Client: Fulcrum Environmental
Job ID: 590-14383-1
Project/Site: Kinney Sundance Mercruy Soil Sampling

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
590-14383-1	SGC-121620-21.01	Solid	12/16/20 15:35	12/17/20 16:24	
590-14383-4	SGC-121620-22.01	Solid	12/16/20 15:37	12/17/20 16:24	
590-14383-7	SGC-121620-23.01	Solid	12/16/20 15:50	12/17/20 16:24	
590-14383-10	SGC-121620-24.01	Solid	12/16/20 15:07	12/17/20 16:24	
590-14383-13	SGC-121620-25.01	Solid	12/16/20 15:17	12/17/20 16:24	
590-14383-16	SGC-121620-25B.01	Solid	12/16/20 15:24	12/17/20 16:24	
590-14383-19	SGC-121620-26.01	Solid	12/16/20 15:32	12/17/20 16:24	
590-14383-22	SGC-121620-27.01	Solid	12/16/20 15:39	12/17/20 16:24	
590-14383-25	SGC-121620-28.01	Solid	12/16/20 15:30	12/17/20 16:24	
590-14383-28	SGC-121620-29.01	Solid	12/16/20 15:36	12/17/20 16:24	
590-14383-31	SGC-121620-30.01	Solid	12/16/20 15:41	12/17/20 16:24	
590-14383-34	SGC-121620-31.01	Solid	12/16/20 15:47	12/17/20 16:24	
590-14383-37	SGC-121620-32.01	Solid	12/16/20 15:53	12/17/20 16:24	
590-14383-40	SGC-121620-33.01	Solid	12/16/20 15:59	12/17/20 16:24	
590-14383-43	SGC-121620-34.01	Solid	12/16/20 16:04	12/17/20 16:24	
590-14383-46	SGC-121620-35.01	Solid	12/17/20 08:45	12/17/20 16:24	
590-14383-49	SGC-121620-36.01	Solid	12/17/20 08:53	12/17/20 16:24	
590-14383-52	SGC-121620-37.01	Solid	12/17/20 08:59	12/17/20 16:24	
590-14383-55	SGC-121620-38.01	Solid	12/17/20 09:07	12/17/20 16:24	
590-14383-58	SGC-121620-39.01	Solid	12/17/20 09:15	12/17/20 16:24	
590-14383-61	SGC-121620-40.01	Solid	12/17/20 09:21	12/17/20 16:24	
590-14383-64	SGC-121620-41.01	Solid	12/17/20 09:30	12/17/20 16:24	
590-14383-67	SGC-121620-42.01	Solid	12/17/20 09:36	12/17/20 16:24	
590-14383-70	SGC-121620-43.01	Solid	12/17/20 09:43	12/17/20 16:24	
590-14383-73	SGC-121620-44.01	Solid	12/17/20 09:53	12/17/20 16:24	
590-14383-76	SGC-121620-45.01	Solid	12/17/20 10:00	12/17/20 16:24	
590-14383-79	SGC-121620-46.01	Solid	12/17/20 10:06	12/17/20 16:24	
590-14383-82	SGC-121620-47.01	Solid	12/17/20 10:13	12/17/20 16:24	
590-14383-85	SGC-121620-48.01	Solid	12/17/20 10:21	12/17/20 16:24	
590-14383-88	SGC-121620-49.01	Solid	12/17/20 10:27	12/17/20 16:24	
590-14383-91	SGC-121620-50.01	Solid	12/17/20 10:33	12/17/20 16:24	
590-14383-94	SGC-121620-51.01	Solid	12/17/20 10:41	12/17/20 16:24	
590-14383-97	SGC-121620-52.01	Solid	12/17/20 10:47	12/17/20 16:24	
590-14383-100	SGC-121620-53.01	Solid	12/17/20 10:53	12/17/20 16:24	
590-14383-103	SGC-121620-54.01	Solid	12/17/20 10:59	12/17/20 16:24	
590-14383-106	SGC-121620-55.01	Solid	12/17/20 11:07	12/17/20 16:24	
590-14383-109	SGC-121620-56.01	Solid	12/17/20 11:14	12/17/20 16:24	
590-14383-112	SGC-121620-57.01	Solid	12/17/20 11:22	12/17/20 16:24	
590-14383-115	SGC-121620-58.01	Solid	12/17/20 11:30	12/17/20 16:24	
590-14383-118	SGC-121620-59.01	Solid	12/17/20 11:37	12/17/20 16:24	
590-14383-121	SGC-121620-60.01	Solid	12/17/20 11:43	12/17/20 16:24	
590-14383-124	SGC-121620-61.01	Solid	12/17/20 11:50	12/17/20 16:24	
590-14383-127	SGC-121620-62.01	Solid	12/17/20 11:58	12/17/20 16:24	
590-14383-130	SGC-121620-63.01	Solid	12/17/20 12:05	12/17/20 16:24	
590-14383-133	SGC-121620-64.01	Solid	12/17/20 12:14	12/17/20 16:24	
590-14383-136	SGC-121620-65.01	Solid	12/17/20 12:22	12/17/20 16:24	
590-14383-139	SGC-121620-66.01	Solid	12/17/20 12:30	12/17/20 16:24	
590-14383-142	SGC-121620-67.01	Solid	12/17/20 12:39	12/17/20 16:24	
590-14383-145	SGC-121620-68.01	Solid	12/17/20 00:00	12/17/20 16:24	
590-14383-148	SGC-121620-69.01	Solid	12/17/20 12:45	12/17/20 16:24	
590-14383-151	SGC-121620-70.01	Solid	12/17/20 12:10	12/17/20 16:24	
590-14383-154	SGC-121620-71.01	Solid	12/17/20 12:16	12/17/20 16:24	
590-14383-157	SGC-121620-72.01	Solid	12/17/20 12:22	12/17/20 16:24	

Sample Summary

Client: Fulcrum Environmental
Job ID: 590-14383-1
Project/Site: Kinney Sundance Mercruy Soil Sampling

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
590-14383-160	SGC-121620-73.01	Solid	12/17/20 12:28	12/17/20 16:24	
590-14383-163	SGC-121620-300.01	Solid	12/17/20 09:14	12/17/20 16:24	
590-14383-166	SGC-121620-301.01	Solid	12/17/20 12:03	12/17/20 16:24	
590-14383-169	SGC-121620-302.01	Solid	12/17/20 13:14	12/17/20 16:24	

Definitions/Glossary

Client: Fulcrum Environmental
Job ID: 590-14383-1
Project/Site: Kinney Sundance Mercruy Soil Sampling

Qualifiers

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit

Glossary

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

Client: Fulcrum Environmental
Job ID: 590-14383-1
Project/Site: Kinney Sundance Mercruy Soil Sampling

Client Sample ID: SGC-121620-21.01
Lab Sample ID: 590-14383-1
Date Collected: 12/16/20 15:35
Matrix: Solid
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		42		ug/Kg		12/18/20 10:44	12/21/20 14:25	1

Client Sample ID: SGC-121620-22.01
Lab Sample ID: 590-14383-4
Date Collected: 12/16/20 15:37
Matrix: Solid
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		44		ug/Kg		12/18/20 10:44	12/21/20 14:27	1

Client Sample ID: SGC-121620-23.01
Lab Sample ID: 590-14383-7
Date Collected: 12/16/20 15:50
Matrix: Solid
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		45		ug/Kg		12/18/20 10:44	12/21/20 14:30	1

Client Sample ID: SGC-121620-24.01
Lab Sample ID: 590-14383-10
Date Collected: 12/16/20 15:07
Matrix: Solid
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	**120**		41		ug/Kg		12/18/20 10:44	12/21/20 14:32	1

Client Sample ID: SGC-121620-25.01
Lab Sample ID: 590-14383-13
Date Collected: 12/16/20 15:17
Matrix: Solid
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	**120**		41		ug/Kg		12/18/20 10:44	12/21/20 14:34	1

Client Sample ID: SGC-121620-25B.01
Lab Sample ID: 590-14383-16
Date Collected: 12/16/20 15:24
Matrix: Solid
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	**140**		36		ug/Kg		12/18/20 10:44	12/21/20 14:36	1

Client Sample ID: SGC-121620-26.01
Lab Sample ID: 590-14383-19
Date Collected: 12/16/20 15:32
Matrix: Solid
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		46		ug/Kg		12/18/20 10:44	12/21/20 14:39	1

Client Sample ID: SGC-121620-27.01 — **Lab Sample ID: 590-14383-22**
Date Collected: 12/16/20 15:39 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		42		ug/Kg		12/18/20 10:44	12/21/20 14:41	1

Client Sample ID: SGC-121620-28.01 — **Lab Sample ID: 590-14383-25**
Date Collected: 12/16/20 15:30 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		45		ug/Kg		12/18/20 10:44	12/21/20 14:48	1

Client Sample ID: SGC-121620-29.01 — **Lab Sample ID: 590-14383-28**
Date Collected: 12/16/20 15:36 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	37		37		ug/Kg		12/18/20 10:44	12/21/20 14:50	1

Client Sample ID: SGC-121620-30.01 — **Lab Sample ID: 590-14383-31**
Date Collected: 12/16/20 15:41 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		35		ug/Kg		12/18/20 10:44	12/21/20 14:52	1

Client Sample ID: SGC-121620-31.01 — **Lab Sample ID: 590-14383-34**
Date Collected: 12/16/20 15:47 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	280		43		ug/Kg		12/18/20 10:44	12/21/20 14:55	1

Client Sample ID: SGC-121620-32.01 — **Lab Sample ID: 590-14383-37**
Date Collected: 12/16/20 15:53 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	2600		410		ug/Kg		12/18/20 10:46	12/21/20 16:46	10

Client Sample ID: SGC-121620-33.01 — **Lab Sample ID: 590-14383-40**
Date Collected: 12/16/20 15:59 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	540		360		ug/Kg		12/18/20 10:46	12/21/20 16:53	10

Client Sample ID: SGC-121620-34.01
Lab Sample ID: 590-14383-43
Date Collected: 12/16/20 16:04
Matrix: Solid
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	84		57		ug/Kg		12/18/20 10:46	12/21/20 16:58	1

Client Sample ID: SGC-121620-35.01
Lab Sample ID: 590-14383-46
Date Collected: 12/17/20 08:45
Matrix: Solid
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	230		45		ug/Kg		12/18/20 10:46	12/21/20 17:00	1

Client Sample ID: SGC-121620-36.01
Lab Sample ID: 590-14383-49
Date Collected: 12/17/20 08:53
Matrix: Solid
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	1800		360		ug/Kg		12/18/20 10:46	12/21/20 17:09	10

Client Sample ID: SGC-121620-37.01
Lab Sample ID: 590-14383-52
Date Collected: 12/17/20 08:59
Matrix: Solid
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	380		54		ug/Kg		12/18/20 10:46	12/21/20 17:03	1

Client Sample ID: SGC-121620-38.01
Lab Sample ID: 590-14383-55
Date Collected: 12/17/20 09:07
Matrix: Solid
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	110		38		ug/Kg		12/18/20 10:46	12/21/20 17:12	1

Client Sample ID: SGC-121620-39.01
Lab Sample ID: 590-14383-58
Date Collected: 12/17/20 09:15
Matrix: Solid
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	140		40		ug/Kg		12/18/20 10:46	12/21/20 17:14	1

Client Sample ID: SGC-121620-40.01
Lab Sample ID: 590-14383-61
Date Collected: 12/17/20 09:21
Matrix: Solid
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	98		48		ug/Kg		12/18/20 10:46	12/21/20 17:16	1

Client Sample ID: SGC-121620-41.01 — **Lab Sample ID: 590-14383-64**
Date Collected: 12/17/20 09:30 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	3500		500		ug/Kg		12/18/20 10:46	12/21/20 17:19	10

Client Sample ID: SGC-121620-42.01 — **Lab Sample ID: 590-14383-67**
Date Collected: 12/17/20 09:36 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	75		51		ug/Kg		12/18/20 10:46	12/21/20 17:21	1

Client Sample ID: SGC-121620-43.01 — **Lab Sample ID: 590-14383-70**
Date Collected: 12/17/20 09:43 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	230		38		ug/Kg		12/18/20 10:46	12/21/20 17:27	1

Client Sample ID: SGC-121620-44.01 — **Lab Sample ID: 590-14383-73**
Date Collected: 12/17/20 09:53 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	1900		330		ug/Kg		12/18/20 10:46	12/21/20 19:50	10

Client Sample ID: SGC-121620-45.01 — **Lab Sample ID: 590-14383-76**
Date Collected: 12/17/20 10:00 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	21000		1800		ug/Kg		12/18/20 10:46	12/21/20 19:52	50

Client Sample ID: SGC-121620-46.01 — **Lab Sample ID: 590-14383-79**
Date Collected: 12/17/20 10:06 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	260		48		ug/Kg		12/18/20 10:46	12/21/20 17:34	1

Client Sample ID: SGC-121620-47.01 — **Lab Sample ID: 590-14383-82**
Date Collected: 12/17/20 10:13 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	110		40		ug/Kg		12/18/20 10:46	12/21/20 17:41	1

Client Sample ID: SGC-121620-48.01 — **Lab Sample ID: 590-14383-85**
Date Collected: 12/17/20 10:21 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	91		41		ug/Kg		12/18/20 10:46	12/21/20 17:44	1

Client Sample ID: SGC-121620-49.01 — **Lab Sample ID: 590-14383-88**
Date Collected: 12/17/20 10:27 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	160		32		ug/Kg		12/18/20 10:46	12/21/20 17:46	1

Client Sample ID: SGC-121620-50.01 — **Lab Sample ID: 590-14383-91**
Date Collected: 12/17/20 10:33 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		53		ug/Kg		12/18/20 10:46	12/21/20 17:48	1

Client Sample ID: SGC-121620-51.01 — **Lab Sample ID: 590-14383-94**
Date Collected: 12/17/20 10:41 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	78		38		ug/Kg		12/18/20 10:46	12/21/20 17:51	1

Client Sample ID: SGC-121620-52.01 — **Lab Sample ID: 590-14383-97**
Date Collected: 12/17/20 10:47 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	13000		2000		ug/Kg		12/18/20 10:49	12/21/20 18:06	50

Client Sample ID: SGC-121620-53.01 — **Lab Sample ID: 590-14383-100**
Date Collected: 12/17/20 10:53 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	200		47		ug/Kg		12/18/20 10:49	12/21/20 18:19	1

Client Sample ID: SGC-121620-54.01 — **Lab Sample ID: 590-14383-103**
Date Collected: 12/17/20 10:59 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		39		ug/Kg		12/18/20 10:49	12/21/20 18:22	1

Client: Fulcrum Environmental
Job ID: 590-14383-1
Project/Site: Kinney Sundance Mercruy Soil Sampling

Client Sample ID: SGC-121620-55.01 — **Lab Sample ID: 590-14383-106**
Date Collected: 12/17/20 11:07 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	42		35		ug/Kg		12/18/20 10:49	12/21/20 18:24	1

Client Sample ID: SGC-121620-56.01 — **Lab Sample ID: 590-14383-109**
Date Collected: 12/17/20 11:14 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		48		ug/Kg		12/18/20 10:49	12/21/20 18:26	1

Client Sample ID: SGC-121620-57.01 — **Lab Sample ID: 590-14383-112**
Date Collected: 12/17/20 11:22 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	54		35		ug/Kg		12/18/20 10:49	12/21/20 18:29	1

Client Sample ID: SGC-121620-58.01 — **Lab Sample ID: 590-14383-115**
Date Collected: 12/17/20 11:30 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	66		38		ug/Kg		12/18/20 10:49	12/21/20 18:31	1

Client Sample ID: SGC-121620-59.01 — **Lab Sample ID: 590-14383-118**
Date Collected: 12/17/20 11:37 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	58		45		ug/Kg		12/18/20 10:49	12/21/20 18:33	1

Client Sample ID: SGC-121620-60.01 — **Lab Sample ID: 590-14383-121**
Date Collected: 12/17/20 11:43 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	240		37		ug/Kg		12/18/20 10:49	12/21/20 18:36	1

Client Sample ID: SGC-121620-61.01 — **Lab Sample ID: 590-14383-124**
Date Collected: 12/17/20 11:50 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	66		47		ug/Kg		12/18/20 10:49	12/21/20 18:38	1

Client: Fulcrum Environmental
Job ID: 590-14383-1
Project/Site: Kinney Sundance Mercruy Soil Sampling

Client Sample ID: SGC-121620-62.01 — **Lab Sample ID: 590-14383-127**
Date Collected: 12/17/20 11:58 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	320		39		ug/Kg		12/18/20 10:49	12/21/20 18:45	1

Client Sample ID: SGC-121620-63.01 — **Lab Sample ID: 590-14383-130**
Date Collected: 12/17/20 12:05 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		49		ug/Kg		12/18/20 10:49	12/21/20 18:47	1

Client Sample ID: SGC-121620-64.01 — **Lab Sample ID: 590-14383-133**
Date Collected: 12/17/20 12:14 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	82		42		ug/Kg		12/18/20 10:49	12/21/20 18:49	1

Client Sample ID: SGC-121620-65.01 — **Lab Sample ID: 590-14383-136**
Date Collected: 12/17/20 12:22 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	200		32		ug/Kg		12/18/20 10:49	12/21/20 18:52	1

Client Sample ID: SGC-121620-66.01 — **Lab Sample ID: 590-14383-139**
Date Collected: 12/17/20 12:30 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		42		ug/Kg		12/18/20 10:49	12/21/20 18:54	1

Client Sample ID: SGC-121620-67.01 — **Lab Sample ID: 590-14383-142**
Date Collected: 12/17/20 12:39 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	130		45		ug/Kg		12/18/20 10:49	12/21/20 18:56	1

Client Sample ID: SGC-121620-68.01 — **Lab Sample ID: 590-14383-145**
Date Collected: 12/17/20 00:00 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		41		ug/Kg		12/18/20 10:49	12/21/20 18:58	1

Client Sample ID: SGC-121620-69.01 — **Lab Sample ID: 590-14383-148**
Date Collected: 12/17/20 12:45 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		49		ug/Kg		12/18/20 10:49	12/21/20 19:01	1

Client Sample ID: SGC-121620-70.01 — **Lab Sample ID: 590-14383-151**
Date Collected: 12/17/20 12:10 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	**97**		37		ug/Kg		12/18/20 10:49	12/21/20 19:03	1

Client Sample ID: SGC-121620-71.01 — **Lab Sample ID: 590-14383-154**
Date Collected: 12/17/20 12:16 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		43		ug/Kg		12/18/20 10:49	12/21/20 19:05	1

Client Sample ID: SGC-121620-72.01 — **Lab Sample ID: 590-14383-157**
Date Collected: 12/17/20 12:22 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	**190**	**F1**	49		ug/Kg		12/18/20 10:52	12/21/20 19:17	1

Client Sample ID: SGC-121620-73.01 — **Lab Sample ID: 590-14383-160**
Date Collected: 12/17/20 12:28 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	**790**		40		ug/Kg		12/18/20 10:52	12/21/20 19:30	1

Client Sample ID: SGC-121620-300.01 — **Lab Sample ID: 590-14383-163**
Date Collected: 12/17/20 09:14 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	**150**		42		ug/Kg		12/18/20 10:52	12/21/20 19:32	1

Client Sample ID: SGC-121620-301.01 — **Lab Sample ID: 590-14383-166**
Date Collected: 12/17/20 12:03 — **Matrix: Solid**
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	**4600**		910		ug/Kg		12/18/20 10:52	12/21/20 19:55	20

Client Sample Results

Client: Fulcrum Environmental
Job ID: 590-14383-1
Project/Site: Kinney Sundance Mercruy Soil Sampling

Client Sample ID: SGC-121620-302.01
Lab Sample ID: 590-14383-169
Date Collected: 12/17/20 13:14
Matrix: Solid
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		49		ug/Kg		12/18/20 10:52	12/21/20 19:38	1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 590-30034/9-A
Matrix: Solid
Analysis Batch: 30069

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30034

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		50		ug/Kg		12/18/20 08:55	12/21/20 13:53	1

Lab Sample ID: LCS 590-30034/8-A
Matrix: Solid
Analysis Batch: 30069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30034

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Hg	200	197		ug/Kg		99	80 - 120

Lab Sample ID: MB 590-30040/2-A
Matrix: Solid
Analysis Batch: 30070

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30040

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		50		ug/Kg		12/18/20 10:45	12/21/20 16:44	1

Lab Sample ID: LCS 590-30040/1-A
Matrix: Solid
Analysis Batch: 30070

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30040

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Hg	200	204		ug/Kg		102	80 - 120

Lab Sample ID: 590-14383-37 MS
Matrix: Solid
Analysis Batch: 30070

Client Sample ID: SGC-121620-32.01
Prep Type: Total/NA
Prep Batch: 30040

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Hg	2600		189	2320	4	ug/Kg		-147	80 - 120

Lab Sample ID: 590-14383-37 MSD
Matrix: Solid
Analysis Batch: 30070

Client Sample ID: SGC-121620-32.01
Prep Type: Total/NA
Prep Batch: 30040

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hg	2600		192	2320	4	ug/Kg		-146	80 - 120	0	20

Lab Sample ID: 590-14383-37 DU
Matrix: Solid
Analysis Batch: 30070

Client Sample ID: SGC-121620-32.01
Prep Type: Total/NA
Prep Batch: 30040

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Hg	2600		1310	F3	ug/Kg		66	20

Lab Sample ID: MB 590-30041/2-A
Matrix: Solid
Analysis Batch: 30070

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30041

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		50		ug/Kg		12/18/20 10:49	12/21/20 17:55	1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: LCS 590-30041/1-A
Matrix: Solid
Analysis Batch: 30070

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30041

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Hg			200	198		ug/Kg		99	80 - 120		

Lab Sample ID: 590-14383-97 MS
Matrix: Solid
Analysis Batch: 30070

Client Sample ID: SGC-121620-52.01
Prep Type: Total/NA
Prep Batch: 30041

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Hg	13000		164	12600	4	ug/Kg		-450	80 - 120		

Lab Sample ID: 590-14383-97 MSD
Matrix: Solid
Analysis Batch: 30070

Client Sample ID: SGC-121620-52.01
Prep Type: Total/NA
Prep Batch: 30041

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hg	13000		161	14800	4	ug/Kg		892	80 - 120	16	20

Lab Sample ID: 590-14383-97 DU
Matrix: Solid
Analysis Batch: 30070

Client Sample ID: SGC-121620-52.01
Prep Type: Total/NA
Prep Batch: 30041

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Hg	13000		13500		ug/Kg		1	20

Lab Sample ID: MB 590-30042/2-A
Matrix: Solid
Analysis Batch: 30070

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30042

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		50		ug/Kg		12/18/20 10:52	12/21/20 19:14	1

Lab Sample ID: LCS 590-30042/1-A
Matrix: Solid
Analysis Batch: 30070

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30042

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Hg			200	197		ug/Kg		99	80 - 120		

Lab Sample ID: 590-14383-157 MS
Matrix: Solid
Analysis Batch: 30070

Client Sample ID: SGC-121620-72.01
Prep Type: Total/NA
Prep Batch: 30042

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Hg	190	F1	196	365		ug/Kg		90	80 - 120		

Lab Sample ID: 590-14383-157 MSD
Matrix: Solid
Analysis Batch: 30070

Client Sample ID: SGC-121620-72.01
Prep Type: Total/NA
Prep Batch: 30042

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hg	190	F1	189	333	F1	ug/Kg		77	80 - 120	9	20

Client: Fulcrum Environmental
Job ID: 590-14383-1
Project/Site: Kinney Sundance Mercruy Soil Sampling

Method: 7471B - Mercury (CVAA)

Lab Sample ID: 590-14383-157 DU
Client Sample ID: SGC-121620-72.01
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 30070
Prep Batch: 30042

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Hg	190	F1		109	F3	ug/Kg				54	20

Lab Chronicle

Client: Fulcrum Environmental
Job ID: 590-14383-1
Project/Site: Kinney Sundance Mercruy Soil Sampling

Client Sample ID: SGC-121620-21.01
Lab Sample ID: 590-14383-1
Date Collected: 12/16/20 15:35
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.60 g	50 mL	30034	12/18/20 10:44	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30069	12/21/20 14:25	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-22.01
Lab Sample ID: 590-14383-4
Date Collected: 12/16/20 15:37
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.57 g	50 mL	30034	12/18/20 10:44	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30069	12/21/20 14:27	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-23.01
Lab Sample ID: 590-14383-7
Date Collected: 12/16/20 15:50
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.55 g	50 mL	30034	12/18/20 10:44	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30069	12/21/20 14:30	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-24.01
Lab Sample ID: 590-14383-10
Date Collected: 12/16/20 15:07
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.61 g	50 mL	30034	12/18/20 10:44	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30069	12/21/20 14:32	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-25.01
Lab Sample ID: 590-14383-13
Date Collected: 12/16/20 15:17
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.61 g	50 mL	30034	12/18/20 10:44	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30069	12/21/20 14:34	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Lab Chronicle

Client: Fulcrum Environmental
Job ID: 590-14383-1
Project/Site: Kinney Sundance Mercruy Soil Sampling

Client Sample ID: SGC-121620-25B.01
Lab Sample ID: 590-14383-16
Date Collected: 12/16/20 15:24
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.70 g	50 mL	30034	12/18/20 10:44	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30069	12/21/20 14:36	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-26.01
Lab Sample ID: 590-14383-19
Date Collected: 12/16/20 15:32
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.54 g	50 mL	30034	12/18/20 10:44	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30069	12/21/20 14:39	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-27.01
Lab Sample ID: 590-14383-22
Date Collected: 12/16/20 15:39
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.59 g	50 mL	30034	12/18/20 10:44	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30069	12/21/20 14:41	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-28.01
Lab Sample ID: 590-14383-25
Date Collected: 12/16/20 15:30
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.56 g	50 mL	30034	12/18/20 10:44	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30069	12/21/20 14:48	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-29.01
Lab Sample ID: 590-14383-28
Date Collected: 12/16/20 15:36
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.67 g	50 mL	30034	12/18/20 10:44	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30069	12/21/20 14:50	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-30.01
Lab Sample ID: 590-14383-31
Date Collected: 12/16/20 15:41
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.71 g	50 mL	30034	12/18/20 10:44	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30069	12/21/20 14:52	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-31.01
Lab Sample ID: 590-14383-34
Date Collected: 12/16/20 15:47
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.58 g	50 mL	30034	12/18/20 10:44	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30069	12/21/20 14:55	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-32.01
Lab Sample ID: 590-14383-37
Date Collected: 12/16/20 15:53
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.61 g	50 mL	30040	12/18/20 10:46	AMB	TAL SPK
Total/NA	Analysis	7471B		10			30070	12/21/20 16:46	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-33.01
Lab Sample ID: 590-14383-40
Date Collected: 12/16/20 15:59
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.69 g	50 mL	30040	12/18/20 10:46	AMB	TAL SPK
Total/NA	Analysis	7471B		10			30070	12/21/20 16:53	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-34.01
Lab Sample ID: 590-14383-43
Date Collected: 12/16/20 16:04
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.44 g	50 mL	30040	12/18/20 10:46	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 16:58	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Lab Chronicle

Client: Fulcrum Environmental
Job ID: 590-14383-1
Project/Site: Kinney Sundance Mercruy Soil Sampling

Client Sample ID: SGC-121620-35.01
Lab Sample ID: 590-14383-46
Date Collected: 12/17/20 08:45
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.55 g	50 mL	30040	12/18/20 10:46	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 17:00	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-36.01
Lab Sample ID: 590-14383-49
Date Collected: 12/17/20 08:53
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.69 g	50 mL	30040	12/18/20 10:46	AMB	TAL SPK
Total/NA	Analysis	7471B		10			30070	12/21/20 17:09	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-37.01
Lab Sample ID: 590-14383-52
Date Collected: 12/17/20 08:59
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.46 g	50 mL	30040	12/18/20 10:46	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 17:03	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-38.01
Lab Sample ID: 590-14383-55
Date Collected: 12/17/20 09:07
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.66 g	50 mL	30040	12/18/20 10:46	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 17:12	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-39.01
Lab Sample ID: 590-14383-58
Date Collected: 12/17/20 09:15
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.63 g	50 mL	30040	12/18/20 10:46	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 17:14	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Lab Chronicle

Client: Fulcrum Environmental
Job ID: 590-14383-1
Project/Site: Kinney Sundance Mercruy Soil Sampling

Client Sample ID: SGC-121620-40.01
Lab Sample ID: 590-14383-61
Date Collected: 12/17/20 09:21
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.52 g	50 mL	30040	12/18/20 10:46	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 17:16	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-41.01
Lab Sample ID: 590-14383-64
Date Collected: 12/17/20 09:30
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.50 g	50 mL	30040	12/18/20 10:46	AMB	TAL SPK
Total/NA	Analysis	7471B		10			30070	12/21/20 17:19	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-42.01
Lab Sample ID: 590-14383-67
Date Collected: 12/17/20 09:36
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.49 g	50 mL	30040	12/18/20 10:46	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 17:21	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-43.01
Lab Sample ID: 590-14383-70
Date Collected: 12/17/20 09:43
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.65 g	50 mL	30040	12/18/20 10:46	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 17:27	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-44.01
Lab Sample ID: 590-14383-73
Date Collected: 12/17/20 09:53
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.76 g	50 mL	30040	12/18/20 10:46	AMB	TAL SPK
Total/NA	Analysis	7471B		10			30070	12/21/20 19:50	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Lab Chronicle

Client: Fulcrum Environmental
Job ID: 590-14383-1
Project/Site: Kinney Sundance Mercruy Soil Sampling

Client Sample ID: SGC-121620-45.01
Lab Sample ID: 590-14383-76
Date Collected: 12/17/20 10:00
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.68 g	50 mL	30040	12/18/20 10:46	AMB	TAL SPK
Total/NA	Analysis	7471B		50			30070	12/21/20 19:52	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-46.01
Lab Sample ID: 590-14383-79
Date Collected: 12/17/20 10:06
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.52 g	50 mL	30040	12/18/20 10:46	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 17:34	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-47.01
Lab Sample ID: 590-14383-82
Date Collected: 12/17/20 10:13
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.63 g	50 mL	30040	12/18/20 10:46	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 17:41	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-48.01
Lab Sample ID: 590-14383-85
Date Collected: 12/17/20 10:21
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.61 g	50 mL	30040	12/18/20 10:46	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 17:44	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-49.01
Lab Sample ID: 590-14383-88
Date Collected: 12/17/20 10:27
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.79 g	50 mL	30040	12/18/20 10:46	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 17:46	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-50.01
Lab Sample ID: 590-14383-91
Date Collected: 12/17/20 10:33
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.47 g	50 mL	30040	12/18/20 10:46	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 17:48	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-51.01
Lab Sample ID: 590-14383-94
Date Collected: 12/17/20 10:41
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.66 g	50 mL	30040	12/18/20 10:46	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 17:51	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-52.01
Lab Sample ID: 590-14383-97
Date Collected: 12/17/20 10:47
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.61 g	50 mL	30041	12/18/20 10:49	AMB	TAL SPK
Total/NA	Analysis	7471B		50			30070	12/21/20 18:06	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-53.01
Lab Sample ID: 590-14383-100
Date Collected: 12/17/20 10:53
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.53 g	50 mL	30041	12/18/20 10:49	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 18:19	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-54.01
Lab Sample ID: 590-14383-103
Date Collected: 12/17/20 10:59
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.64 g	50 mL	30041	12/18/20 10:49	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 18:22	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Lab Chronicle

Client: Fulcrum Environmental
Job ID: 590-14383-1
Project/Site: Kinney Sundance Mercruy Soil Sampling

Client Sample ID: SGC-121620-55.01
Lab Sample ID: 590-14383-106
Date Collected: 12/17/20 11:07
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.72 g	50 mL	30041	12/18/20 10:49	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 18:24	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-56.01
Lab Sample ID: 590-14383-109
Date Collected: 12/17/20 11:14
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.52 g	50 mL	30041	12/18/20 10:49	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 18:26	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-57.01
Lab Sample ID: 590-14383-112
Date Collected: 12/17/20 11:22
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.71 g	50 mL	30041	12/18/20 10:49	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 18:29	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-58.01
Lab Sample ID: 590-14383-115
Date Collected: 12/17/20 11:30
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.66 g	50 mL	30041	12/18/20 10:49	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 18:31	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-59.01
Lab Sample ID: 590-14383-118
Date Collected: 12/17/20 11:37
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.55 g	50 mL	30041	12/18/20 10:49	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 18:33	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-60.01
Lab Sample ID: 590-14383-121
Date Collected: 12/17/20 11:43
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.67 g	50 mL	30041	12/18/20 10:49	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 18:36	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-61.01
Lab Sample ID: 590-14383-124
Date Collected: 12/17/20 11:50
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.53 g	50 mL	30041	12/18/20 10:49	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 18:38	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-62.01
Lab Sample ID: 590-14383-127
Date Collected: 12/17/20 11:58
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.64 g	50 mL	30041	12/18/20 10:49	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 18:45	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-63.01
Lab Sample ID: 590-14383-130
Date Collected: 12/17/20 12:05
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.51 g	50 mL	30041	12/18/20 10:49	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 18:47	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-64.01
Lab Sample ID: 590-14383-133
Date Collected: 12/17/20 12:14
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.60 g	50 mL	30041	12/18/20 10:49	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 18:49	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-65.01
Lab Sample ID: 590-14383-136

Date Collected: 12/17/20 12:22
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.78 g	50 mL	30041	12/18/20 10:49	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 18:52	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-66.01
Lab Sample ID: 590-14383-139

Date Collected: 12/17/20 12:30
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.59 g	50 mL	30041	12/18/20 10:49	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 18:54	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-67.01
Lab Sample ID: 590-14383-142

Date Collected: 12/17/20 12:39
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.56 g	50 mL	30041	12/18/20 10:49	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 18:56	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-68.01
Lab Sample ID: 590-14383-145

Date Collected: 12/17/20 00:00
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.61 g	50 mL	30041	12/18/20 10:49	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 18:58	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-69.01
Lab Sample ID: 590-14383-148

Date Collected: 12/17/20 12:45
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.51 g	50 mL	30041	12/18/20 10:49	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 19:01	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Lab Chronicle

Client: Fulcrum Environmental
Job ID: 590-14383-1
Project/Site: Kinney Sundance Mercruy Soil Sampling

Client Sample ID: SGC-121620-70.01
Lab Sample ID: 590-14383-151
Date Collected: 12/17/20 12:10
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.68 g	50 mL	30041	12/18/20 10:49	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 19:03	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-71.01
Lab Sample ID: 590-14383-154
Date Collected: 12/17/20 12:16
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.58 g	50 mL	30041	12/18/20 10:49	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 19:05	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-72.01
Lab Sample ID: 590-14383-157
Date Collected: 12/17/20 12:22
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.51 g	50 mL	30042	12/18/20 10:52	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 19:17	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-73.01
Lab Sample ID: 590-14383-160
Date Collected: 12/17/20 12:28
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.63 g	50 mL	30042	12/18/20 10:52	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 19:30	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-300.01
Lab Sample ID: 590-14383-163
Date Collected: 12/17/20 09:14
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.59 g	50 mL	30042	12/18/20 10:52	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 19:32	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Lab Chronicle

Client: Fulcrum Environmental
Job ID: 590-14383-1
Project/Site: Kinney Sundance Mercruy Soil Sampling

Client Sample ID: SGC-121620-301.01
Lab Sample ID: 590-14383-166

Date Collected: 12/17/20 12:03
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.55 g	50 mL	30042	12/18/20 10:52	AMB	TAL SPK
Total/NA	Analysis	7471B		20			30070	12/21/20 19:55	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Client Sample ID: SGC-121620-302.01
Lab Sample ID: 590-14383-169

Date Collected: 12/17/20 13:14
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.51 g	50 mL	30042	12/18/20 10:52	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30070	12/21/20 19:38	JSP	TAL SPK
Total/NA	Analysis	Moisture		1			30052	12/18/20 15:02	AMB	TAL SPK

Laboratory References:

TAL SPK = Eurofins TestAmerica, Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Accreditation/Certification Summary

Client: Fulcrum Environmental
Job ID: 590-14383-1
Project/Site: Kinney Sundance Mercruy Soil Sampling

Laboratory: Eurofins TestAmerica, Spokane

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State	C569	01-06-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Fulcrum Environmental
Job ID: 590-14383-1
Project/Site: Kinney Sundance Mercruy Soil Sampling

Method	Method Description	Protocol	Laboratory
7471B	Mercury (CVAA)	SW846	TAL SPK
Moisture	Percent Moisture	EPA	TAL SPK
7471B	Preparation, Mercury	SW846	TAL SPK

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SPK = Eurofins TestAmerica, Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11922 E. First Ave., Spokane WA 99206-5302 509-924-9200 FAX 924-9290 ☒
9405 SW Nimbus Ave., Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210 ☐
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210 ☐

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: Fulcrum Environmental

REPORT TO: Scott Groat Sgroat@efulcrum.net

ADDRESS: 207 West Boone Avenue, Spokane, WA 99201

PHONE: 509-459-9220 FAX:

INVOICE TO: Fulcrum

P.O. NUMBER:

PROJECT NAME: Kinney Swedwee Mercury Soil Sampling

PROJECT NUMBER: 192860.02

SAMPLED BY: S. Groat

TURNAROUND REQUEST in Business Days *

Organic & Inorganic Analyses: 10 (STD.) 7 5 4 3 2 1 <1

Petroleum Hydrocarbon Analyses: 5 (STD.) 4 3 2 1 <1

OTHER Specify:

* Turnaround Requests less than standard may incur Rush Charges.

PRESERVATIVE

REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	Hg											MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SGC-121620-21.01	12/16/20 @ 1535	↓														
2	-21.02	@ 1537														Hold	
3	-21.03	@ 1550														↓	
4	-22.01	@ 1537															
5	-22.02	@ 1535														Hold	
6	-22.03	@ 1541														↓	
7	-23.01	@ 1550															
8	-23.02	@ 1552														Hold	
9	-23.03	@ 1554														↓	
10	-24.01	@ 1507	↓														

590-14383 Chain of Custody

RELEASED BY: Scott Groat		RECEIVED BY:	
PRINT NAME: Scott Groat	FIRM: Fulcrum	PRINT NAME: Maria Goode	FIRM: TASPO
DATE: 12/17/20	TIME: 1624	DATE: 12/17/20	TIME: 16:24
RELEASED BY:		RECEIVED BY:	
PRINT NAME:	FIRM:	PRINT NAME:	FIRM:
DATE:	TIME:	DATE:	TIME:

ADDITIONAL REMARKS: Please Hold all samples ending in .02 + .03 ~~[illegible]~~

TEMP:

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3.9 → 4.1 1.8 → 2.0 °C

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:

INVOICE TO:

REPORT TO:
ADDRESS:

PHONE: FAX:

P.O. NUMBER:

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses
10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses
5 STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

PROJECT NAME:
PROJECT NUMBER:
SAMPLED BY:

PRESERVATIVE
REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	Src-121620-24.02	12/16/20 @ 1509			Hold	
2	-24.03	1511				
3	-25.01	1517			Hold	
4	-25.02	1519				
5	-25.03	1521			Hold	
6	-25B.01	1524				
7	-25B.02	1526			Hold	
8	-25B.03	1529				
9	-26.01	1532			Hold	
10	-26.02	1534				

RELEASED BY: PRINT NAME: FIRM: Fulcrum DATE: 12/17/20 TIME: 1614
RECEIVED BY: PRINT NAME: Maria Lodi FIRM: ASPO DATE: 12/17/20 TIME: 16:24

RELEASED BY: PRINT NAME: FIRM: DATE: TIME:
RECEIVED BY: PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS:

TEMP:

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THE LEADER IN ENVIRONMENTAL TESTING

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:
INVOICE TO:
REPORT TO:
ADDRESS:
PHONE: FAX:
P.O. NUMBER:
PROJECT NAME:
PROJECT NUMBER:
SAMPLED BY:

PRESERVATIVE

REQUESTED ANALYSES

TURNAROUND REQUEST in Business Days *

Organic & Inorganic Analyses: 10 (STD.) | 7 | ~~5~~ (X) | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: 5 (STD.) | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* Turnaround Requests less than standard may incur Rush Charges.

#	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	REQUESTED ANALYSES	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SGC-121620-26.03	12/16/20 @ 1536	[illegible]			Hold	
2	-27.01	↓ 1539	↓				
3	-27.02	↓ 1541	↓				
4	-27.03	↓ 1543	↓				
5	-28.01	↓ 1530	↓				
6	-28.02	↓ 1532	↓				
7	~~[illegible]~~ -28.03	↓ 1534	↓				
8	-29.01	↓ 1536	↓				
9	-29.02	↓ 1538	↓				
10	-29.03	↓ 1540	↓				

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:
RECEIVED BY:
PRINT NAME: Mahauzooa FIRM: TAR DATE: 12/17/20 TIME: 16:24
RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:
RECEIVED BY: DATE:
PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS:

TEMP:

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:

INVOICE TO:

REPORT TO:
ADDRESS:

PHONE: FAX:

P.O. NUMBER:

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses
10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses
5 STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

PROJECT NAME:

PROJECT NUMBER:

SAMPLED BY:

PRESERVATIVE

REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SGC-121620-30.01	12/16/20@ 1541				
2	-30.02	1543				
3	-30.03	1545				
4	-31.01	1547				
5	-31.02	1549				
6	-31.03	1551				
7	-32.01	1553				
8	-32.02	1555				
9	~~-32.03~~ -32.03	1557				
10	~~-33.04~~ -33.01	1559				

RELEASED BY: Scott Stuart — PRINT NAME: — FIRM: Fulcrum — DATE: 12/17/20 — TIME: 1614

RECEIVED BY: — PRINT NAME: Maria Woods — FIRM: TACR — DATE: 12/17/2 — TIME: 16:24

RELEASED BY: — PRINT NAME: — FIRM: — DATE: — TIME:

RECEIVED BY: — PRINT NAME: — FIRM: — DATE: — TIME:

ADDITIONAL REMARKS:

TEMP:

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:

INVOICE TO:

REPORT TO:
ADDRESS:

PHONE: FAX:

P.O. NUMBER:

PROJECT NAME:

PROJECT NUMBER:

SAMPLED BY:

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses
10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses
5 STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1 SGL-121620-33.02	12/16/20 @ 1601						
2 -33.03	1602						
3 -34.01	1604						
4 -34.02	1606						
5 -34.03	1608						
6							
7							
8							
9							
10							

RELEASED BY: [signature] DATE: 12/17/20
PRINT NAME: FIRM: Fulcrum TIME: 6:14

RECEIVED BY: DATE: 12/17/20
PRINT NAME: MARIA WOOLE FIRM: TASR TIME: 16:24

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE:
PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS:

TEMP:

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THE LEADER IN ENVIRONMENTAL TESTING

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:

INVOICE TO:

REPORT TO:
ADDRESS:

PHONE: FAX:

P.O. NUMBER:

PROJECT NAME:

PROJECT NUMBER:

SAMPLED BY:

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses
10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses
5 STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SGC-121620-35.01	12/17/20@0845	HCl	TPH				
2	-35.02	0847						
3	-35.03	0849						
4	-36.01	0853						
5	-36.02	0855						
6	-36.03	0857						
7	-37.01	0859						
8	-37.02	0903						
9	-37.03	0905						
10	-38.01	0907						

RELEASED BY: Scott Shoaf	FIRM: Fulcrum	DATE: 12/17/20	RECEIVED BY:	FIRM: TAP	DATE: 12/17/20
PRINT NAME:		TIME: 1614	PRINT NAME: Maria Woole		TIME: 1624
RELEASED BY:	FIRM:	DATE:	RECEIVED BY:	FIRM:	DATE:
PRINT NAME:		TIME:	PRINT NAME:		TIME:

ADDITIONAL REMARKS:

TEMP:

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12/28/2020 (Rev. 1)

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:

INVOICE TO:

REPORT TO:
ADDRESS:

PHONE: FAX:

P.O. NUMBER:

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses
10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses
5 STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

PROJECT NAME:

PROJECT NUMBER:

SAMPLED BY:

PRESERVATIVE

REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SGC-121620-38.02	12/17/20 @ 0909				
2	-38.03	0911				
3	-39.01	0915				
4	-39.02	0916				
5	-39.03	0918				
6	-40.01	0921				
7	-40.02	0923				
8	-40.03	0925				
9	-41.01	0930				
10	-41.02	0931				

RELEASED BY: PRINT NAME: FIRM: Fulcrum DATE: 12/17/20 TIME: 1614
RECEIVED BY: PRINT NAME: Mariacoole FIRM: TAO DATE: 12/17/20 TIME: 16:24

RELEASED BY: PRINT NAME: FIRM: DATE: TIME:
RECEIVED BY: PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS:

TEMP:

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11922 E. First Ave., Spokane WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave., Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:

INVOICE TO:

REPORT TO:
ADDRESS:

PHONE: FAX:

P.O. NUMBER:

PROJECT NAME:

PROJECT NUMBER:

SAMPLED BY:

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses: 10 STD. | 7 | ~~5~~ | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

PRESERVATIVE

REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SGC-121620-41.03	12/17/20 @ 0933				
2	-42.01	0936				
3	-42.02	0938				
4	-42.03	0940				
5	-43.01	0943				
6	-43.02	0945				
7	-43.03	0947				
8	-44.01	0953				
9	-44.02	0955				
10	-44.03	0957				

RELEASED BY: Scott Stout — DATE: 12/17/20 — TIME: 1614
PRINT NAME: — FIRM: Fulcrum
RECEIVED BY: — DATE: 12/17/20
PRINT NAME: Mariaroode — FIRM: TASD — TIME: 16:24

RELEASED BY: — DATE:
PRINT NAME: — FIRM: — TIME:
RECEIVED BY: — DATE:
PRINT NAME: — FIRM: — TIME:

ADDITIONAL REMARKS:

TEMP:

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

12/28/2020 (Rev. 1)

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	9 of ____ COCs
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W) ____			
(509) 459-9220 Phone	TAT if different from Below ____			SDG No.
(509) 459-9219 FAX	☐ 2 weeks 5 days			
Project Name:	☐ 1 week			
Site:	☐ 2 days			
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	Hg	Sample Specific Notes:
SGC-121620-45.01	12/17/20	1000		S				
-45.02		1002						
-45.03		1004						
-46.01		1006						
-46.02		1008						
-46.03		1010						
-47.01		1013						
-47.02		1015						
-47.03		1017						
-48.01		1021						
-48.02		1023						
-48.03		1025						

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20 1614	[signature]	TASP	12/17/20 16:21
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	10 of ____ COCs
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W) ____			
(509) 459-9220 Phone	TAT if different from Below ____			SDG No.
(509) 459-9219 FAX	☐ 2 weeks			
Project Name: Sundance Phase II	☐ 1 week 5 day			
Site:	☐ 2 days			
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes:
SGC-121620-49.01	12/17/20	1027		S				
-49.02		1029						
-49.03		1031						
-50.01		1033						
-50.02		1035						
-50.03		1037						
-51.01		1041						
-51.02		1043						
-51.03		1045						
-52.01		1047						
-52.02		1049						
-52.03	↓	1051	↓	↓		↓		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20 1614	[signature]	UPS	12/17/20 16:24
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

12/28/2020 (Rev. 1)

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	11 of ____ COCs
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W) ____			
(509) 459-9220 Phone	TAT if different from Below ____			SDG No.
(509) 459-9219 FAX	☐ 2 weeks ☐ 1 week 5day ☐ 2 days ☐ 1 day			
Project Name:				
Site:				
PO #				

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes:
SGC-121620-53.01	12/17/20	1053		S			Y	
-53.02		1055						
-53.03		1057						
-54.01		1059						
-54.02		1103						
-54.03		1105						
-55.01		1107						
-55.02		1109						
-55.03		1111						
-56.01		1114						
-56.02		1116						
-56.03		1116						

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification

☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Scott Hood	Fulcrum	12/17/20 @1614	Maria Brooke	TASPO	12/17/20 16:24
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	12 of ____ COCs
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W) ____			
(509) 459-9220 Phone	TAT if different from Below ____			SDG No.
(509) 459-9219 FAX	☐ 2 weeks			
Project Name:	☐ 1 week			
Site:	☐ 2 days			
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	Sample Specific Notes:
SGC-121620-57.01	12/17/20	1122		S		N	
-57.02		1124					
-57.03		1126					
-58.01		1130					
-58.02		1132					
-58.03		1134					
-59.01		1137					
-59.02		1139					
-59.03		1141					
-60.01		1143					
-60.02		1145					
-60.03		1147					

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20	[illegible]	TASI	12/17/20 16:24
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

12/28/2020 (Rev. 1)

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	____ of ____ COCs
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W) ____			
(509) 459-9220 Phone	TAT if different from Below ____			SDG No.
(509) 459-9219 FAX	☐ 2 weeks			
Project Name:	☐ 1 week			
Site:	☐ 2 days			
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	40	Sample Specific Notes:
SGL-12/620-61.01	12/17/20	1150		S				
-61.02		1152						
-61.03		1154						
-62.01		1158						
-62.02		1200						
-62.03		1202						
-63.01		1205						
-63.02		1207						
-63.03		1209						
-64.01		1214						
-64.02		1216						
-64.03		1218						

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20 1614	[signature]	TSR	12/18/20 1617
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Pg 13

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

12/28/2020 (Rev. 1)

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	14 of ____ COCs
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W) ____			
(509) 459-9220 Phone	TAT if different from Below ____			SDG No.
(509) 459-9219 FAX	☐ 2 weeks			
Project Name:	☐ 1 week 5 day			
Site:	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	Sample Specific Notes:
SGC-12620-65.01	12/17/16	1222		S		N	
-65.02		1224					
-65.03		1226					
-66.01		1230					
-66.02		1232					
-66.03		1236					
-67.01		1239					
-68.02		1241					
-68.03		1242					
-69.01		1245					
-69.02		1247					
-69.03		1250		↓		↓	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20 1614	Mana Goode	TSMO	12/17/20 1633
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	____ of ____ COCs
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W) ____			
(509) 459-9220 Phone	TAT if different from Below ____			SDG No.
(509) 459-9219 FAX	☐ 2 weeks			
Project Name:	☐ 1 week 5 day			
Site:	☐ 2 days			
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Hg	Sample Specific Notes:
SGC-121620-70.01	12/17/20	1210		S				
-70.02		1212						
-70.03		1214						
-71.01		1216						
-71.02		1218						
-71.03		1220						
-72.01		1222						
-72.02		1224						
-72.03		1226						
-73.01		1228						
-73.02		1230						
-73.03		1232						

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20 1614	Wanacode	USAPL	12/17/20 16:24
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica Spokane
11922 E. 1st Ave.
Spokane, WA 99206
Phone: 509.924.9200 Fax:

Chain of Custody Record

013996

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Company Name:	Tel/Fax:	Lab Contact:	Carrier:	1 of 1 COCs
Address:	Analysis Turnaround Time			Sampler:
City/State/Zip:	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below 5			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name:	☐ 1 week			
Site:	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)																	Sample Specific Notes:
SGC-121620-300.01	12/17/20	0914		S				N																
-300.02		0916																						
-300.03		0918																						
-301.01		1203																						
-301.02		1205																						
-301.03		1207																						
-301.01		1314																						
-301.02		1316																						
-301.03		1318																						

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20 1614	Maria Groce	TASPO	12/17/20 16:24
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: Fulcrum Environmental

Job Number: 590-14383-1

Login Number: 14383
List Number: 1
Creator: O'Toole, Maria C

List Source: Eurofins TestAmerica, Spokane

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Spokane
11922 East 1st Ave
Spokane, WA 99206
Tel: (509)924-9200

Laboratory Job ID: 590-14383-2
Client Project/Site: Kinney Sundance Mercruy Soil Sampling

For:
Fulcrum Environmental
207 West Boone Avenue
Spokane, Washington 99201

Attn: Scott Groat

Authorized for release by:
12/23/2020 4:25:34 PM

Randee Arrington, Project Manager II
(509)924-9200
Randee.Arrington@Eurofinset.com

Table of Contents

Case Narrative

Client: Fulcrum Environmental
Job ID: 590-14383-2
Project/Site: Kinney Sundance Mercruy Soil Sampling

Job ID: 590-14383-2

Laboratory: Eurofins TestAmerica, Spokane

Narrative

Receipt
The samples were received on 12/17/2020 4:24 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.0º C and 4.1º C.

Receipt Exceptions
The following samples were activated by the client on 12/23/20: SGC-121620-32.02 (590-14383-38), SGC-121620-41.02 (590-14383-65), SGC-121620-45.02 (590-14383-77) and SGC-121620-52.02 (590-14383-98).

Metals
Method 7471B: The sample duplicate (DUP) precision for preparation batch 590-30089 and analytical batch 590-30094 was outside control limits. Sample matrix interference is suspected.

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

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

Sample Summary

Client: Fulcrum Environmental
Job ID: 590-14383-2
Project/Site: Kinney Sundance Mercruy Soil Sampling

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
590-14383-38	SGC-121620-32.02	Solid	12/16/20 15:55	12/17/20 16:24	
590-14383-65	SGC-121620-41.02	Solid	12/17/20 09:31	12/17/20 16:24	
590-14383-77	SGC-121620-45.02	Solid	12/17/20 10:02	12/17/20 16:24	
590-14383-98	SGC-121620-52.02	Solid	12/17/20 10:49	12/17/20 16:24	

Definitions/Glossary

Client: Fulcrum Environmental
Job ID: 590-14383-2
Project/Site: Kinney Sundance Mercruy Soil Sampling

Qualifiers

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit

Glossary

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

Client: Fulcrum Environmental
Job ID: 590-14383-2
Project/Site: Kinney Sundance Mercruy Soil Sampling

Client Sample ID: SGC-121620-32.02
Lab Sample ID: 590-14383-38
Date Collected: 12/16/20 15:55
Matrix: Solid
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	4500	F1	340		ug/Kg		12/23/20 09:51	12/23/20 13:47	10

Client Sample ID: SGC-121620-41.02
Lab Sample ID: 590-14383-65
Date Collected: 12/17/20 09:31
Matrix: Solid
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	290		40		ug/Kg		12/23/20 09:52	12/23/20 14:17	1

Client Sample ID: SGC-121620-45.02
Lab Sample ID: 590-14383-77
Date Collected: 12/17/20 10:02
Matrix: Solid
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	120		36		ug/Kg		12/23/20 09:52	12/23/20 14:01	1

Client Sample ID: SGC-121620-52.02
Lab Sample ID: 590-14383-98
Date Collected: 12/17/20 10:49
Matrix: Solid
Date Received: 12/17/20 16:24

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		40		ug/Kg		12/23/20 09:52	12/23/20 15:30	1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 590-30089/9-A
Matrix: Solid
Analysis Batch: 30094

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30089

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		50		ug/Kg		12/23/20 09:51	12/23/20 13:38	1

Lab Sample ID: LCS 590-30089/8-A
Matrix: Solid
Analysis Batch: 30094

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30089

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Hg			200	188		ug/Kg		94	80 - 120		

Lab Sample ID: 590-14383-38 MS
Matrix: Solid
Analysis Batch: 30094

Client Sample ID: SGC-121620-32.02
Prep Type: Total/NA
Prep Batch: 30089

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Hg	4500	F1	1890	4350	F1	ug/Kg		-7	80 - 120		

Lab Sample ID: 590-14383-38 MSD
Matrix: Solid
Analysis Batch: 30094

Client Sample ID: SGC-121620-32.02
Prep Type: Total/NA
Prep Batch: 30089

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hg	4500	F1	1850	4510	F1	ug/Kg		2	80 - 120	4	20

Lab Sample ID: 590-14383-38 DU
Matrix: Solid
Analysis Batch: 30094

Client Sample ID: SGC-121620-32.02
Prep Type: Total/NA
Prep Batch: 30089

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Hg	4500	F1		3290	F3	ug/Kg				30	20

Lab Chronicle

Client: Fulcrum Environmental
Job ID: 590-14383-2
Project/Site: Kinney Sundance Mercruy Soil Sampling

Client Sample ID: SGC-121620-32.02
Lab Sample ID: 590-14383-38
Date Collected: 12/16/20 15:55
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.73 g	50 mL	30089	12/23/20 09:51	AMB	TAL SPK
Total/NA	Analysis	7471B		10			30094	12/23/20 13:47	AMB	TAL SPK
Total/NA	Analysis	Moisture		1			30090	12/23/20 10:38	AMB	TAL SPK

Client Sample ID: SGC-121620-41.02
Lab Sample ID: 590-14383-65
Date Collected: 12/17/20 09:31
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.63 g	50 mL	30089	12/23/20 09:52	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30094	12/23/20 14:17	AMB	TAL SPK
Total/NA	Analysis	Moisture		1			30090	12/23/20 10:38	AMB	TAL SPK

Client Sample ID: SGC-121620-45.02
Lab Sample ID: 590-14383-77
Date Collected: 12/17/20 10:02
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.70 g	50 mL	30089	12/23/20 09:52	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30094	12/23/20 14:01	AMB	TAL SPK
Total/NA	Analysis	Moisture		1			30090	12/23/20 10:38	AMB	TAL SPK

Client Sample ID: SGC-121620-52.02
Lab Sample ID: 590-14383-98
Date Collected: 12/17/20 10:49
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.62 g	50 mL	30089	12/23/20 09:52	AMB	TAL SPK
Total/NA	Analysis	7471B		1			30094	12/23/20 15:30	AMB	TAL SPK
Total/NA	Analysis	Moisture		1			30090	12/23/20 10:38	AMB	TAL SPK

Laboratory References:
TAL SPK = Eurofins TestAmerica, Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Accreditation/Certification Summary

Client: Fulcrum Environmental
Job ID: 590-14383-2
Project/Site: Kinney Sundance Mercruy Soil Sampling

Laboratory: Eurofins TestAmerica, Spokane

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State	C569	01-06-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Fulcrum Environmental
Job ID: 590-14383-2
Project/Site: Kinney Sundance Mercruy Soil Sampling

Method	Method Description	Protocol	Laboratory
7471B	Mercury (CVAA)	SW846	TAL SPK
Moisture	Percent Moisture	EPA	TAL SPK
7471B	Preparation, Mercury	SW846	TAL SPK

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SPK = Eurofins TestAmerica, Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

1 2 3 4 5 6 7 8 9 10 11 12

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11922 E. First Ave., Spokane WA 99206-5302 509-924-9200 FAX 924-9290 [X]
9405 SW Nimbus Ave., Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210 [ ]
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210 [ ]

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: Fulcrum Environmental
REPORT TO: Scott Groat Sgroat@efulcrum.net
ADDRESS: 207 West Boone Avenue, Spokane, WA 99201
PHONE: 509-459-9220 FAX:
PROJECT NAME: Kinney Swedowce mercury Soil sampling
PROJECT NUMBER: 192860.02
SAMPLED BY: S. Groat

INVOICE TO: Fulcrum
P.O. NUMBER:

TURNAROUND REQUEST in Business Days *
Organic & Inorganic Analyses: 10 (STD.) 7 5 4 3 2 1 <1
Petroleum Hydrocarbon Analyses: 5 (STD.) 4 3 2 1 <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

PRESERVATIVE
REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	Hg												MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SGC-121620-21.01	12/16/20 @ 1535	↓															
2	-21.02	@ 1537	↓														Hold	
3	-21.03	@ 1550	↓														↓	
4	-22.01	@ 1537	↓															
5	-22.02	@ 1535	↓														Hold	
6	-22.03	@ 1541	↓														↓	
7	-23.01	@ 1550	↓															
8	-23.02	@ 1552	↓														Hold	
9	-23.03	@ 1554	↓														↓	
10	-24.01	@ 1507	↓															

590-14383 Chain of Custody

RELEASED BY: Scott Groat	FIRM: Fulcrum	DATE: 12/17/20 TIME: 1624	RECEIVED BY: / PRINT NAME: Maria Goole FIRM: TASPO DATE: 12/17/20 TIME: 16:24
RELEASED BY: / PRINT NAME:	FIRM:	DATE: TIME:	RECEIVED BY: / PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS: Please Hold all samples ending in .02 + .03 ~~[illegible]~~

TEMP:

PAGE 1 OF

TAL-1000 (0714)

3.9→4.1 1.8→2.0°C

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

11922 E. First Ave., Spokane WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave., Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

12/23/2020

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:

INVOICE TO:

REPORT TO:
ADDRESS:

PHONE: FAX:

P.O. NUMBER:

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses
10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses
5 STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

PROJECT NAME:

PROJECT NUMBER:

SAMPLED BY:

PRESERVATIVE

REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	Src-121620-24.02	12/16/20 @ 1509			Hold	
2	-24.03	1511				
3	-25.01	1517			Hold	
4	-25.02	1519				
5	-25.03	1521			Hold	
6	-25B.01	1524				
7	-25B.02	1526			Hold	
8	-25B.03	1529				
9	-26.01	1532			Hold	
10	-26.02	1534				

RELEASED BY:			RECEIVED BY:		
PRINT NAME:	FIRM: Fulcrum	DATE: 12/17/20 TIME: 1614	PRINT NAME: Maria Lopez	FIRM: ASPO	DATE: 12/17/20 TIME: 16:24
RELEASED BY:			RECEIVED BY:		
PRINT NAME:	FIRM:	DATE: TIME:	PRINT NAME:	FIRM:	DATE: TIME:

ADDITIONAL REMARKS:

TEMP:

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TAL-1000 (0714)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

11922 E. First Ave., Spokane WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave., Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

12/23/2020

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:

INVOICE TO:

REPORT TO:
ADDRESS:

PHONE: FAX:

P.O. NUMBER:

PROJECT NAME:

PROJECT NUMBER:

SAMPLED BY:

TURNAROUND REQUEST
in Business Days *

Organic & Inorganic Analyses
10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses
5 STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SGC-12/620-26.03	12/16/20 @ 1536					Hold	
2	-27.01	1539						
3	-27.02	1541						
4	-27.03	1543						
5	-28.01	1530						
6	-28.02	1532						
7	~~-28.03~~ -28.03	1534						
8	-29.01	1536						
9	-29.02	1538						
10	-29.03	1540						

RELEASED BY:		DATE:	RECEIVED BY:		DATE: 12/17/20
PRINT NAME:	FIRM:	TIME:	PRINT NAME: Mahawood	FIRM: TAL	TIME: 16:24
RELEASED BY:		DATE:	RECEIVED BY:		DATE:
PRINT NAME:	FIRM:	TIME:	PRINT NAME:	FIRM:	TIME:

ADDITIONAL REMARKS:

TEMP:

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TAL-1000 (0714)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

12/23/2020

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:

INVOICE TO:

REPORT TO:
ADDRESS:

PHONE: FAX:

P.O. NUMBER:

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses: 10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

PROJECT NAME:

PROJECT NUMBER:

SAMPLED BY:

PRESERVATIVE

REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SGC-121620-30.01	12/16/20@ 1541				
2	-30.02	1543				
3	-30.03	1545				
4	-31.01	1547				
5	-31.02	1549				
6	-31.03	1551				
7	-32.01	1553				
8	-32.02	1555				
9	~~-32.03~~ -32.03	1557				
10	~~-33.04~~ -33.01	1559				

RELEASED BY: Scott Stuart — FIRM: Fulcrum — DATE: 12/17/20 — TIME: 1614
PRINT NAME:

RECEIVED BY: Maria Woods — FIRM: TACR — DATE: 12/17/20 — TIME: 16:24
PRINT NAME:

RELEASED BY: — DATE: — TIME:
PRINT NAME: — FIRM:

RECEIVED BY: — DATE: — TIME:
PRINT NAME: — FIRM:

ADDITIONAL REMARKS:

TEMP:

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TAL-1000 (0714)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11922 E. First Ave., Spokane WA 99206-5302 509-924-9200 FAX 924-9290
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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:

INVOICE TO:

REPORT TO:
ADDRESS:

PHONE: FAX:

P.O. NUMBER:

PROJECT NAME:

PROJECT NUMBER:

SAMPLED BY:

TURNAROUND REQUEST
in Business Days *

Organic & Inorganic Analyses
10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses
5 STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* Turnaround Requests less than standard may incur Rush Charges.

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1 SGL-121620-33.02	12/16/20 @ 1601						
2 -33.03	1602						
3 -34.01	1604						
4 -34.02	1606						
5 -34.03	1608						
6							
7							
8							
9							
10							

RELEASED BY: [signature] DATE: 12/17/20
PRINT NAME: FIRM: Fulcrum TIME: 6:14

RECEIVED BY: DATE: 12/17/20
PRINT NAME: MARIA WOOLF FIRM: TASR TIME: 16:24

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE:
PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS:

TEMP:

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TAL-1000 (0714)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

11922 E. First Ave., Spokane WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave., Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

12/23/2020

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:

INVOICE TO:

REPORT TO:
ADDRESS:

PHONE: FAX:

P.O. NUMBER:

PROJECT NAME:

PROJECT NUMBER:

SAMPLED BY:

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses
10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses
5 STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SGC-121620-35.01	12/17/20@0845						
2	-35.02	0847						
3	-35.03	0849						
4	-36.01	0853						
5	-36.02	0855						
6	-36.03	0857						
7	-37.01	0859						
8	-37.02	0903						
9	-37.03	0905						
10	-38.01	0907						

RELEASED BY: Scott Grant	FIRM: Fulcrum	DATE: 12/17/20	RECEIVED BY:	FIRM: TAP	DATE: 12/17/20
PRINT NAME:		TIME: 1614	PRINT NAME: Mariah Moore		TIME: 1624
RELEASED BY:	FIRM:	DATE:	RECEIVED BY:	FIRM:	DATE:
PRINT NAME:		TIME:	PRINT NAME:		TIME:

ADDITIONAL REMARKS:

TEMP:

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TAL-1000 (0714)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11922 E. First Ave., Spokane WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave., Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

12/23/2020

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:

INVOICE TO:

REPORT TO:
ADDRESS:

PHONE: FAX:

P.O. NUMBER:

TURNAROUND REQUEST
in Business Days *

Organic & Inorganic Analyses
10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses
5 STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* Turnaround Requests less than standard may incur Rush Charges.

PROJECT NAME:

PROJECT NUMBER:

SAMPLED BY:

PRESERVATIVE

REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SGC-121620-38.02	12/17/20 @ 0909				
2	-38.03	0911				
3	-39.01	0915				
4	-39.02	0916				
5	-39.03	0918				
6	-40.01	0921				
7	-40.02	0923				
8	-40.03	0925				
9	-41.01	0930				
10	-41.02	0931				

RELEASED BY: PRINT NAME: FIRM: Fulcrum DATE: 12/17/20 TIME: 1614

RECEIVED BY: PRINT NAME: Mariacoole FIRM: TAO DATE: 12/17/20 TIME: 16:24

RELEASED BY: PRINT NAME: FIRM: DATE: TIME:

RECEIVED BY: PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS:

TEMP:

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

11922 E. First Ave., Spokane WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave., Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

12/23/2020

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:

INVOICE TO:

REPORT TO:
ADDRESS:

PHONE: FAX:

P.O. NUMBER:

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses: 10 STD. | 7 | ~~5~~ | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

PROJECT NAME:

PROJECT NUMBER:

SAMPLED BY:

PRESERVATIVE

REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SGC-121620-41.03	12/17/20 @ 0933				
2	-42.01	0936				
3	-42.02	0938				
4	-42.03	0940				
5	-43.01	0943				
6	-43.02	0945				
7	-43.03	0947				
8	-44.01	0953				
9	-44.02	0955				
10	-44.03	0957				

RELEASED BY: Scott Stout — DATE: 12/17/20 — TIME: 1614
PRINT NAME: — FIRM: Fulcrum
RECEIVED BY: Mariaroode — DATE: 12/17/20 — TIME: 16:24
PRINT NAME: — FIRM: TASD

RELEASED BY: — DATE: — TIME:
PRINT NAME: — FIRM:
RECEIVED BY: — DATE: — TIME:
PRINT NAME: — FIRM:

ADDITIONAL REMARKS:

TEMP: 8

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TAL-1000 (0714)

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	9 of ____ COCs
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W) ____			
(509) 459-9220 Phone	TAT if different from Below ____			SDG No.
(509) 459-9219 FAX	☐ 2 weeks 5 days			
Project Name:	☐ 1 week			
Site:	☐ 2 days			
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Hg	Sample Specific Notes:
SGC-121620-45.01	12/17/20	1000		S				
-45.02		1002						
-45.03		1004						
-46.01		1006						
-46.02		1008						
-46.03		1010						
-47.01		1013						
-47.02		1015						
-47.03		1017						
-48.01		1021						
-48.02		1023						
-48.03		1025						

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20 1614	[signature]	TASP	12/17/20 16:21
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Chain of Custody Record

TestAmerica Laboratories, Inc.

Client Contact	Project Manager:	Site Contact:	Date:	COC No: 10 of ___ COCs
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W)			
(509) 459-9220 Phone	TAT if different from Below ___			
(509) 459-9219 FAX	☐ 2 weeks 5day			SDG No.
Project Name: Sundance Phase II	☐ 1 week			
Site:	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Hg	Sample Specific Notes:
SGC-121620-49.01	12/17/20	1027		S				
-49.02		1029						
-49.03		1031						
-50.01		1033						
-50.02		1035						
-50.03		1037						
-51.01		1041						
-51.02		1043						
-51.03		1045						
-52.01		1047						
-52.02		1049						
-52.03	↓	1051		↓			↓	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ___

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ___ *Months*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20 1614	Mariawood	TASPO	12/17/20 16:24
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	11 of ____ COCs
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W) ____			
(509) 459-9220 Phone	TAT if different from Below ____			SDG No.
(509) 459-9219 FAX	☐ 2 weeks ☐ 1 week 5day ☐ 2 days ☐ 1 day			
Project Name:				
Site:				
PO#				

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes:
SGC-121620-53.01	12/17/20	1053		S			Y	
-53.02		1055						
-53.03		1057						
-54.01		1059						
-54.02		1103						
-54.03		1105						
-55.01		1107						
-55.02		1109						
-55.03		1111						
-56.01		1114						
-56.02		1116						
-56.03		1116						

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Scott Hood	Fulcrum	12/17/20 @1614	Maria Brooke	TASPO	12/17/20 16:24
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

12/23/2020

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	12 of ____ COCs
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W) ____			
(509) 459-9220 Phone	TAT if different from Below ____			SDG No.
(509) 459-9219 FAX	☐ 2 weeks			
Project Name:	☐ 1 week			
Site:	☐ 2 days			
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	Sample Specific Notes:
SGC-121620-57.01	12/17/20	1122		S		N	
-57.02		1124					
-57.03		1126					
-58.01		1130					
-58.02		1132					
-58.03		1134					
-59.01		1137					
-59.02		1139					
-59.03		1141					
-60.01		1143					
-60.02		1145					
-60.03		1147					

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20	[illegible]	TASPO	12/17/20 16:24
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	____ of ____ COCs
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W) ____			
(509) 459-9220 Phone	TAT if different from Below ____			SDG No.
(509) 459-9219 FAX	☐ 2 weeks			
Project Name:	☐ 1 week			
Site:	☐ 2 days			
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	Sample Specific Notes:
SGL-12/620-61.01	12/17/20	1150		S		N	
-61.02		1152					
-61.03		1154					
-62.01		1158					
-62.02		1200					
-62.03		1202					
-63.01		1205					
-63.02		1207					
-63.03		1209					
-64.01		1214					
-64.02		1216					
-64.03		1218					

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20 1614	[signature]	TSR	12/18/20 1617
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	14 of ____ COCs
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W) ____			
(509) 459-9220 Phone	TAT if different from Below ____			SDG No.
(509) 459-9219 FAX	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day — 5 day			
Project Name:				
Site:				
PO #				

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	Sample Specific Notes:
SGC-12620-65.01	12/17/16	1222		S		N	
-65.02		1224					
-65.03		1226					
-66.01		1230					
-66.02		1232					
-66.03		1236					
-67.01		1239					
-68.02		1241					
-68.03		1242					
-69.01		1245					
-69.02		1247					
-69.03		1250		W		↓	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20 1614	Mana Goode	TSMO	12/17/20 1633
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Chain of Custody Record

TestAmerica Laboratories, Inc.

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	___ of ___ COCs
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W) ___			
(509) 459-9220 Phone	TAT if different from Below ___			
(509) 459-9219 FAX	☐ 2 weeks			SDG No.
Project Name:	☐ 1 week 5 day			
Site:	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Hg	Sample Specific Notes:
SGC-121620-70.01	12/12/20	1210		S			↓	
-70.02	↓	1212		↓			↓	
-70.03	↓	1214		↓			↓	
-71.01	↓	1216		↓			↓	
-71.02	↓	1218		↓			↓	
-71.03	↓	1220		↓			↓	
-72.01	↓	1222		↓			↓	
-72.02	↓	1224		↓			↓	
-72.03	↓	1226		↓			↓	
-73.01	↓	1228		↓			↓	
-73.02	↓	1230		↓			↓	
-73.03	↓	1232		↓			↓	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ___

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ___ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20 1614	[signature]	JAFR	12/17/20 16:24
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Pg 15

TestAmerica Spokane
11922 E. 1st Ave.
Spokane, WA 99206
Phone: 509.924.9200 Fax:

Chain of Custody Record

013996

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Company Name:	Tel/Fax:	Lab Contact:	Carrier:	1 of 1 COCs
Address:	Analysis Turnaround Time			Sampler:
City/State/Zip:	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below 5			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name:	☐ 1 week			
Site:	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)																	Sample Specific Notes:
SGC-121620-300.01	12/17/20	0914		S				N																
-300.02		0916																						
-300.03		0918																						
-301.01		1203																						
-301.02		1205																						
-301.03		1207																						
-301.01		1314																						
-301.02		1316																						
-301.03		1318																						

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20 1614	Maria Groce	TAS	12/17/20 16:24
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: Fulcrum Environmental

Job Number: 590-14383-2

Login Number: 14383
List Number: 1
Creator: O'Toole, Maria C

List Source: Eurofins TestAmerica, Spokane

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Spokane
11922 East 1st Ave
Spokane, WA 99206
Tel: (509)924-9200

Laboratory Job ID: 590-14383-4
Client Project/Site: Kinney Sundance Mercury Soil Sampling

For:
Fulcrum Environmental
207 West Boone Avenue
Spokane, Washington 99201

Attn: Scott Groat

Authorized for release by:
12/29/2020 10:18:12 AM

Randee Arrington, Project Manager II
(509)924-9200
Randee.Arrington@Eurofinset.com

Table of Contents

Case Narrative

Client: Fulcrum Environmental
Job ID: 590-14383-4
Project/Site: Kinney Sundance Mercury Soil Sampling

Job ID: 590-14383-4

Laboratory: Eurofins TestAmerica, Spokane

Narrative

Receipt
The samples were received on 12/17/2020 4:24 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.0º C and 4.1º C.

Receipt Exceptions
The following sample was activated by the client on 12/28/20: SGC-121620-32.03 (590-14383-39).

Metals
Method 7471B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 590-30112 and analytical batch 590-30120 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

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

Sample Summary

Client: Fulcrum Environmental
Job ID: 590-14383-4
Project/Site: Kinney Sundance Mercury Soil Sampling

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
590-14383-39	SGC-121620-32.03	Solid	12/16/20 15:57	12/17/20 16:24	

Client: Fulcrum Environmental
Job ID: 590-14383-4
Project/Site: Kinney Sundance Mercury Soil Sampling

Qualifiers

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F2	MS/MSD RPD exceeds control limits

Glossary

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

Client: Fulcrum Environmental
Job ID: 590-14383-4
Project/Site: Kinney Sundance Mercury Soil Sampling

Client Sample ID: SGC-121620-32.03
Lab Sample ID: 590-14383-39
Date Collected: 12/16/20 15:57
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 90.9

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	1700	F2	390		ug/Kg	☼	12/28/20 11:29	12/28/20 16:20	10

Client: Fulcrum Environmental
Project/Site: Kinney Sundance Mercury Soil Sampling

Job ID: 590-14383-4

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 590-30112/9-A
Matrix: Solid
Analysis Batch: 30120

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30112

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		50		ug/Kg		12/28/20 11:29	12/28/20 15:45	1

Lab Sample ID: LCS 590-30112/8-A
Matrix: Solid
Analysis Batch: 30120

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30112

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Hg			200	201		ug/Kg		101	80 - 120		

Lab Sample ID: 590-14383-39 MS
Matrix: Solid
Analysis Batch: 30120

Client Sample ID: SGC-121620-32.03
Prep Type: Total/NA
Prep Batch: 30112

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Hg	1700	F2	155	1700	4	ug/Kg	☼	-25	80 - 120		

Lab Sample ID: 590-14383-39 MSD
Matrix: Solid
Analysis Batch: 30120

Client Sample ID: SGC-121620-32.03
Prep Type: Total/NA
Prep Batch: 30112

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hg	1700	F2	155	2630	4 F2	ug/Kg	☼	570	80 - 120	43	20

Lab Sample ID: 590-14383-39 DU
Matrix: Solid
Analysis Batch: 30120

Client Sample ID: SGC-121620-32.03
Prep Type: Total/NA
Prep Batch: 30112

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Hg	1700	F2		2020		ug/Kg	☼			15	20

Lab Chronicle

Client: Fulcrum Environmental
Job ID: 590-14383-4
Project/Site: Kinney Sundance Mercury Soil Sampling

Client Sample ID: SGC-121620-32.03
Lab Sample ID: 590-14383-39
Date Collected: 12/16/20 15:57
Matrix: Solid
Date Received: 12/17/20 16:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			30114	12/28/20 11:51	AMB	TAL SPK

Client Sample ID: SGC-121620-32.03
Lab Sample ID: 590-14383-39
Date Collected: 12/16/20 15:57
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.71 g	50 mL	30112	12/28/20 11:29	AMB	TAL SPK
Total/NA	Analysis	7471B		10			30120	12/28/20 16:20	AMB	TAL SPK

Laboratory References:

TAL SPK = Eurofins TestAmerica, Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Accreditation/Certification Summary

Client: Fulcrum Environmental
Job ID: 590-14383-4
Project/Site: Kinney Sundance Mercury Soil Sampling

Laboratory: Eurofins TestAmerica, Spokane

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State	C569	01-06-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Fulcrum Environmental
Job ID: 590-14383-4
Project/Site: Kinney Sundance Mercury Soil Sampling

Method	Method Description	Protocol	Laboratory
7471B	Mercury (CVAA)	SW846	TAL SPK
Moisture	Percent Moisture	EPA	TAL SPK
7471B	Preparation, Mercury	SW846	TAL SPK

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SPK = Eurofins TestAmerica, Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

TestAmerica

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210 ☐

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: Fulcrum Environmental
REPORT TO: ~~Edd~~ Scott Groat sgroat@efulcrum.net
ADDRESS: 207 West Boone Avenue
Spokane, WA 99201
PHONE: 509-459-9220 FAX:
PROJECT NAME: Kinney Swedaree mercury soil sampling
PROJECT NUMBER: F2860.02
SAMPLED BY: S. Groat

INVOICE TO: Fulcrum

P.O. NUMBER:

TURNAROUND REQUEST
In Business Days *
Organic & Inorganic Analyses: 10 (STD.) 7 5 4 3 2 1 <1
Petroleum Hydrocarbon Analyses: 5 (STD.) 4 3 2 1 <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

PRESERVATIVE

REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	Hg	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SGC-121620-21.01	12/16/20 @ 1535	↓				
2	-21.02	@ 1537	↓			Hold	
3	-21.03	@ 1550	↓			↓	
4	-22.01	@ 1537	↓				
5	-22.02	@ 1535	↓			Hold	
6	-22.03	@ 1541	↓			↓	
7	-23.01	@ 1550	↓				
8	-23.02	@ 1552	↓			Hold	
9	-23.03	@ 1554	↓			↓	
10	-24.01	@ 1507	↓				

590-14383 Chain of Custody

RELEASED BY: Scott Groat
PRINT NAME: FIRM: Fulcrum DATE: 12/17/20 TIME: 1624
RECEIVED BY:
PRINT NAME: Maria Goode FIRM: TASPO DATE: 12/17/20 TIME: 16:24
RELEASED BY:
PRINT NAME: FIRM: DATE: TIME:
RECEIVED BY:
PRINT NAME: FIRM: DATE: TIME:
ADDITIONAL REMARKS: Please Hold all samples ending in .02 + .03 ~~[struck out]~~
TEMP:
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3.9 → 4.1 1.8 → 2.0°C

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12/29/2020

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:

INVOICE TO:

REPORT TO:
ADDRESS:

PHONE: FAX:

P.O. NUMBER:

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses
10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses
5 STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

PROJECT NAME:
PROJECT NUMBER:
SAMPLED BY:

PRESERVATIVE
REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	Src-121620-24.02	12/16/20 @ 1509			Hold	
2	-24.03	1511			↓	
3	-25.01	1517				
4	-25.02	1519			Hold	
5	-25.03	1521			↓	
6	-25B.01	1524				
7	-25B.02	1526			Hold	
8	-25B.03	1529			↓	
9	-26.01	1532				
10	-26.02	1534			Hold	

RELEASED BY: [signature] DATE: 12/17/20
PRINT NAME: FIRM: Fulcrum TIME: 1614

RECEIVED BY: DATE: 12/17/20
PRINT NAME: Maria Lopez FIRM: ASPO TIME: 16:24

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE:
PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS:

TEMP:

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12/29/2020

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:

INVOICE TO:

REPORT TO:
ADDRESS:

PHONE: FAX:

P.O. NUMBER:

PROJECT NAME:

PROJECT NUMBER:

SAMPLED BY:

TURNAROUND REQUEST
in Business Days *

Organic & Inorganic Analyses: 10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SGC-12/620 -26.03	12/16/20 @ 1536					Hold	
2	-27.01	1539						
3	-27.02	1541						
4	-27.03	1543						
5	-28.01	1530						
6	-28.02	1532						
7	~~-28.03~~ -28.03	1534						
8	-29.01	1536						
9	-29.02	1538						
10	-29.03	1540						

RELEASED BY:		DATE:	RECEIVED BY:		DATE: 12/17/20
PRINT NAME:	FIRM:	TIME:	PRINT NAME: Mahawood	FIRM: TAL	TIME: 16:24
RELEASED BY:		DATE:	RECEIVED BY:		DATE:
PRINT NAME:	FIRM:	TIME:	PRINT NAME:	FIRM:	TIME:

ADDITIONAL REMARKS:

TEMP:

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12/29/2020

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:

INVOICE TO:

REPORT TO:
ADDRESS:

PHONE: FAX:

P.O. NUMBER:

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses
10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses
5 STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

PROJECT NAME:

PROJECT NUMBER:

SAMPLED BY:

PRESERVATIVE

REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SGC-121620-30.01	12/16/20@ 1541				
2	-30.02	1543				
3	-30.03	1545				
4	-31.01	1547				
5	-31.02	1549				
6	-31.03	1551				
7	-32.01	1553				
8	-32.02	1555				
9	~~-32.03~~ -32.03	1557				
10	~~-33.04~~ -33.01	1559				

RELEASED BY: Scott Stuart FIRM: Fulcrum DATE: 12/17/20 TIME: 6:14
PRINT NAME:

RECEIVED BY: Maria Woods FIRM: TACR DATE: 12/17/2 TIME: 16:24
PRINT NAME:

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE:
PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS:

TEMP:

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:

INVOICE TO:

REPORT TO:
ADDRESS:

PHONE: FAX:

P.O. NUMBER:

PROJECT NAME:

PROJECT NUMBER:

SAMPLED BY:

TURNAROUND REQUEST
in Business Days *

Organic & Inorganic Analyses
10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses
5 STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* *Turnaround Requests less than standard may incur Rush Charges.*

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1 SGL-121620-33.02	12/16/20 @ 1601						
2 -33.03	1602						
3 -34.01	1604						
4 -34.02	1606						
5 -34.03	1608						
6							
7							
8							
9							
10							

RELEASED BY: [signature] FIRM: Fulcrum DATE: 12/17/20 TIME: 1614
PRINT NAME:

RECEIVED BY: FIRM: TASR DATE: 12/17/20 TIME: 1624
PRINT NAME: MARIA WOOLEY

RELEASED BY: FIRM: DATE: TIME:
PRINT NAME:

RECEIVED BY: FIRM: DATE: TIME:
PRINT NAME:

ADDITIONAL REMARKS:

TEMP:

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TAL-1000 (0714)

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11922 E. First Ave., Spokane WA 99206-5302 509-924-9200 FAX 924-9290
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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

12/29/2020

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:

INVOICE TO:

REPORT TO:
ADDRESS:

PHONE: FAX:

P.O. NUMBER:

PROJECT NAME:

PROJECT NUMBER:

SAMPLED BY:

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses
10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses
5 STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SGC-121620-35.01	12/17/20@0845	HCl	TPH				
2	-35.02	0847						
3	-35.03	0849						
4	-36.01	0853						
5	-36.02	0855						
6	-36.03	0857						
7	-37.01	0859						
8	-37.02	0903						
9	-37.03	0905						
10	-38.01	0907						

RELEASED BY: Scott Shoaf	FIRM: Fulcrum	DATE: 12/17/20	RECEIVED BY:	FIRM: TAP	DATE: 12/17/20
PRINT NAME:		TIME: 1614	PRINT NAME: Maria Woole		TIME: 1624
RELEASED BY:	FIRM:	DATE:	RECEIVED BY:	FIRM:	DATE:
PRINT NAME:		TIME:	PRINT NAME:		TIME:

ADDITIONAL REMARKS:

TEMP:

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TAL-1000 (0714)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

11922 E. First Ave., Spokane WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave., Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

12/29/2020

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:	INVOICE TO:
REPORT TO: ADDRESS:	
PHONE: FAX:	P.O. NUMBER:
PROJECT NAME:	
PROJECT NUMBER:	
SAMPLED BY:	

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses: 10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SGC-121620-38.02	12/17/20 @ 0909				
2	-38.03	0911				
3	-39.01	0915				
4	-39.02	0916				
5	-39.03	0918				
6	-40.01	0921				
7	-40.02	0923				
8	-40.03	0925				
9	-41.01	0930				
10	-41.02	0931				

PRESERVATIVE
REQUESTED ANALYSES

RELEASED BY:	DATE: 12/17/20	RECEIVED BY:	DATE: 12/17/20
PRINT NAME: [signature] FIRM: Fulcrum	TIME: 1614	PRINT NAME: Maria Woods FIRM: TAO	TIME: 16:24
RELEASED BY:	DATE:	RECEIVED BY:	DATE:
PRINT NAME: FIRM:	TIME:	PRINT NAME: FIRM:	TIME:

ADDITIONAL REMARKS:

TEMP:

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TAL-1000 (0714)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

11922 E. First Ave., Spokane WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave., Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

12/29/2020

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:

INVOICE TO:

REPORT TO:
ADDRESS:

PHONE: FAX:

P.O. NUMBER:

PROJECT NAME:

PROJECT NUMBER:

SAMPLED BY:

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses: 10 STD. | 7 | ~~5~~ | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

PRESERVATIVE

REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SGC-121620-41.03	12/17/20 @ 0933				
2	-42.01	0936				
3	-42.02	0938				
4	-43.01	0940				
5	-43.02	0943				
6	-43.03	0945				
7	-44.01	0947				
8	-44.02	0953				
9	-44.03	0955				
10		0957				

RELEASED BY: Scott Stout — DATE: 12/17/20 — RECEIVED BY: — DATE: 12/17/20
PRINT NAME: — FIRM: Fulcrum — TIME: 1614 — PRINT NAME: Mariaroode — FIRM: TASD — TIME: 16:24

RELEASED BY: — DATE:
PRINT NAME: — FIRM: — TIME: — RECEIVED BY: — DATE:
PRINT NAME: — FIRM: — TIME:

ADDITIONAL REMARKS:

TEMP:

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TAL-1000 (0714)

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	9 of ____ COCs
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W) ____			
(509) 459-9220 Phone	TAT if different from Below ____			SDG No.
(509) 459-9219 FAX	☐ 2 weeks 5 days			
Project Name:	☐ 1 week			
Site:	☐ 2 days			
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Hg	Sample Specific Notes:
SGC-121620-45.01	12/17/20	1000		S				
-45.02		1002						
-45.03		1004						
-46.01		1006						
-46.02		1008						
-46.03		1010						
-47.01		1013						
-47.02		1015						
-47.03		1017						
-48.01		1021						
-48.02		1023						
-48.03		1025						

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20 1614	[signature]	TASPO	12/17/20 16:21
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

12/29/2020

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	10 of ____ COCs
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W) ____			
(509) 459-9220 Phone	TAT if different from Below ____			SDG No.
(509) 459-9219 FAX	☐ 2 weeks			
Project Name: Sundance Phase II	☐ 1 week 5 day			
Site:	☐ 2 days			
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes:
SGC-121620-49.01	12/17/20	1027		S				
-49.02		1029						
-49.03		1031						
-50.01		1033						
-50.02		1035						
-50.03		1037						
-51.01		1041						
-51.02		1043						
-51.03		1045						
-52.01		1047						
-52.02		1049						
-52.03	↓	1051	↓	↓		↓		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20 1614	[signature]	TAS/PO	12/17/20 16:24
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	11 of ____ COCs
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W) ____			
(509) 459-9220 Phone	TAT if different from Below ____			SDG No.
(509) 459-9219 FAX	☐ 2 weeks ☐ 1 week 5day ☐ 2 days ☐ 1 day			
Project Name:				
Site:				
PO#				

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes:
SGC-121620-53.01	12/17/20	1053		S				
-53.02		1055						
-53.03		1057						
-54.01		1059						
-54.02		1103						
-54.03		1105						
-55.01		1107						
-55.02		1109						
-55.03		1111						
-56.01		1114						
-56.02		1116						
-56.03		1116						

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Scott Hood	Fulcrum	12/17/20 @1614	Maria Brooke	TASPO	12/17/20 16:24
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Chain of Custody Record

TestAmerica Laboratories, Inc.

Client Contact	Project Manager:	Site Contact:	Date:	COC No: 12 of ___ COCs
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	Job No.
207 West Boone Avenue	Analysis Turnaround Time			
Spokane, WA 99201	Calendar (C) or Work Days (W)			
(509) 459-9220 Phone	TAT if different from Below ______			SDG No.
(509) 459-9219 FAX	☐ 2 weeks			
Project Name:	☐ 1 week			
Site:	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Hg	Sample Specific Notes:
SGC-121620-57.01	12/17/20	1122		S			↓	
-57.02	↓	1124		↓			↓	
-57.03	↓	1126		↓			↓	
-58.01	↓	1130		↓			↓	
-58.02	↓	1132		↓			↓	
-58.03	↓	1134		↓			↓	
-59.01	↓	1137		↓			↓	
-59.02	↓	1139		↓			↓	
-59.03	↓	1141		↓			↓	
-60.01	↓	1143		↓			↓	
-60.02	↓	1145		↓			↓	
-60.03	↓	1147		↓			↓	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ______

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For ______ Months*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20 1621	[signature]	TASPO	12/17/20 16:24
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	____ of ____ COCs
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W) ____			
(509) 459-9220 Phone	TAT if different from Below ____			SDG No.
(509) 459-9219 FAX	☐ 2 weeks			
Project Name:	☐ 1 week			
Site:	☐ 2 days			
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	Sample Specific Notes:
SGL-12/620-61.01	12/17/20	1150		S		N	
-61.02		1152					
-61.03		1154					
-62.01		1158					
-62.02		1200					
-62.03		1202					
-63.01		1205					
-63.02		1207					
-63.03		1209					
-64.01		1214					
-64.02		1216					
-64.03		1218					

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20 1614	[signature]	TSR	12/18/20 1617
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	14 of ____ COCs
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W) ____			
(509) 459-9220 Phone	TAT if different from Below ____			SDG No.
(509) 459-9219 FAX	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day — 5 day			
Project Name:				
Site:				
PO #				

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	Sample Specific Notes:
SGC-12620-65.01	12/17/16	1222		S		N	
-65.02		1224					
-65.03		1226					
-66.01		1230					
-66.02		1232					
-66.03		1236					
-67.01		1239					
-68.02		1241					
-68.03		1242					
-69.01		1245					
-69.02		1247					
-69.03		1250		W		↓	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20 1614	Mana Goode	TSMO	12/17/20 1633
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Chain of Custody Record

TestAmerica Laboratories, Inc.

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	___ of ___ COCs
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W) ____			
(509) 459-9220 Phone	TAT if different from Below ____			
(509) 459-9219 FAX	☐ 2 weeks			SDG No.
Project Name:	☐ 1 week 5 day			
Site:	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Hg	Sample Specific Notes:
SGC-121620-70.01	12/12/20	1210		S			↓	
-70.02	↓	1212		↓			↓	
-70.03	↓	1214		↓			↓	
-71.01	↓	1216		↓			↓	
-71.02	↓	1218		↓			↓	
-71.03	↓	1220		↓			↓	
-72.01	↓	1222		↓			↓	
-72.02	↓	1224		↓			↓	
-72.03	↓	1226		↓			↓	
-73.01	↓	1228		↓			↓	
-73.02	↓	1230		↓			↓	
-73.03	↓	1232		↓			↓	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20 1614	[signature]	TAPR	12/17/20 16:24
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

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TestAmerica Spokane
11922 E. 1st Ave.
Spokane, WA 99206
Phone: 509.924.9200 Fax:

Chain of Custody Record

013996

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Company Name:	Tel/Fax:	Lab Contact:	Carrier:	16 of ____ COCs
Address:	Analysis Turnaround Time			Sampler:
City/State/Zip:	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below 5			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name:	☐ 1 week			
Site:	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)																		Sample Specific Notes:
SGC-121620-300.01	12/17/20	0914		S				N																	
-300.02		0916																							
-300.03		0918																							
-301.01		1203																							
-301.02		1205																							
-301.03		1207																							
-301.01		1314																							
-301.02		1316																							
-301.03		1318																							

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20 1614	Maria Groce	TASPO	12/17/20 16:24
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: Fulcrum Environmental

Job Number: 590-14383-4

Login Number: 14383

List Source: Eurofins TestAmerica, Spokane

List Number: 1

Creator: O'Toole, Maria C

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Spokane
11922 East 1st Ave
Spokane, WA 99206
Tel: (509)924-9200

Laboratory Job ID: 590-14383-6
Client Project/Site: Kinney Sundance Mercruy Soil Sampling

For:
Fulcrum Environmental
207 West Boone Avenue
Spokane, Washington 99201

Attn: Scott Groat

Authorized for release by:
2/1/2021 4:44:48 PM

Randee Arrington, Project Manager II
(509)924-9200
Randee.Arrington@Eurofinset.com

Table of Contents

Case Narrative

Client: Fulcrum Environmental
Job ID: 590-14383-6
Project/Site: Kinney Sundance Mercruy Soil Sampling

Job ID: 590-14383-6

Laboratory: Eurofins TestAmerica, Spokane

Narrative

Receipt
The samples were received on 12/17/2020 4:24 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.0º C and 4.1º C.

Receipt Exceptions
The following samples were activated for 6010D Cadmium analysis by the client on 01/28/2021: SGC-121620-23.01 (590-14383-7), SGC-121620-25.01 (590-14383-13), SGC-121620-26.01 (590-14383-19), SGC-121620-30.01 (590-14383-31), SGC-121620-34.01 (590-14383-43), SGC-121620-35.01 (590-14383-46), SGC-121620-39.01 (590-14383-58), SGC-121620-43.01 (590-14383-70), SGC-121620-45.01 (590-14383-76), SGC-121620-47.01 (590-14383-82), SGC-121620-52.01 (590-14383-97), SGC-121620-55.01 (590-14383-106), SGC-121620-56.01 (590-14383-109), SGC-121620-60.01 (590-14383-121), SGC-121620-62.01 (590-14383-127), SGC-121620-66.01 (590-14383-139), SGC-121620-70.01 (590-14383-151) and SGC-121620-71.01 (590-14383-154). This analysis was not originally requested on the chain-of-custody (COC).

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

Sample Summary

Client: Fulcrum Environmental
Job ID: 590-14383-6
Project/Site: Kinney Sundance Mercruy Soil Sampling

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
590-14383-7	SGC-121620-23.01	Solid	12/16/20 15:50	12/17/20 16:24	
590-14383-13	SGC-121620-25.01	Solid	12/16/20 15:17	12/17/20 16:24	
590-14383-19	SGC-121620-26.01	Solid	12/16/20 15:32	12/17/20 16:24	
590-14383-31	SGC-121620-30.01	Solid	12/16/20 15:41	12/17/20 16:24	
590-14383-43	SGC-121620-34.01	Solid	12/16/20 16:04	12/17/20 16:24	
590-14383-46	SGC-121620-35.01	Solid	12/17/20 08:45	12/17/20 16:24	
590-14383-58	SGC-121620-39.01	Solid	12/17/20 09:15	12/17/20 16:24	
590-14383-70	SGC-121620-43.01	Solid	12/17/20 09:43	12/17/20 16:24	
590-14383-76	SGC-121620-45.01	Solid	12/17/20 10:00	12/17/20 16:24	
590-14383-82	SGC-121620-47.01	Solid	12/17/20 10:13	12/17/20 16:24	
590-14383-97	SGC-121620-52.01	Solid	12/17/20 10:47	12/17/20 16:24	
590-14383-106	SGC-121620-55.01	Solid	12/17/20 11:07	12/17/20 16:24	
590-14383-109	SGC-121620-56.01	Solid	12/17/20 11:14	12/17/20 16:24	
590-14383-121	SGC-121620-60.01	Solid	12/17/20 11:43	12/17/20 16:24	
590-14383-127	SGC-121620-62.01	Solid	12/17/20 11:58	12/17/20 16:24	
590-14383-139	SGC-121620-66.01	Solid	12/17/20 12:30	12/17/20 16:24	
590-14383-151	SGC-121620-70.01	Solid	12/17/20 12:10	12/17/20 16:24	
590-14383-154	SGC-121620-71.01	Solid	12/17/20 12:16	12/17/20 16:24	

Definitions/Glossary

Client: Fulcrum Environmental
Job ID: 590-14383-6
Project/Site: Kinney Sundance Mercruy Soil Sampling

Glossary

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

Client Sample ID: SGC-121620-23.01
Lab Sample ID: 590-14383-7
Date Collected: 12/16/20 15:50
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 84.5

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.84		mg/Kg	☼	01/29/21 08:38	02/01/21 12:52	1

Client Sample ID: SGC-121620-25.01
Lab Sample ID: 590-14383-13
Date Collected: 12/16/20 15:17
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 72.3

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.90		mg/Kg	☼	01/29/21 08:38	02/01/21 13:13	1

Client Sample ID: SGC-121620-26.01
Lab Sample ID: 590-14383-19
Date Collected: 12/16/20 15:32
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 80.5

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.76		mg/Kg	☼	01/29/21 08:38	02/01/21 13:16	1

Client Sample ID: SGC-121620-30.01
Lab Sample ID: 590-14383-31
Date Collected: 12/16/20 15:41
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 86.9

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.85		mg/Kg	☼	01/29/21 08:38	02/01/21 13:34	1

Client Sample ID: SGC-121620-34.01
Lab Sample ID: 590-14383-43
Date Collected: 12/16/20 16:04
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 88.3

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.80		mg/Kg	☼	01/29/21 08:38	02/01/21 13:38	1

Client Sample ID: SGC-121620-35.01
Lab Sample ID: 590-14383-46
Date Collected: 12/17/20 08:45
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 88.9

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.83		mg/Kg	☼	01/29/21 08:38	02/01/21 13:41	1

Client Sample ID: SGC-121620-39.01
Lab Sample ID: 590-14383-58
Date Collected: 12/17/20 09:15
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 89.3

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.86		mg/Kg	☼	01/29/21 08:38	02/01/21 13:45	1

Client Sample ID: SGC-121620-43.01
Lab Sample ID: 590-14383-70
Date Collected: 12/17/20 09:43
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 89.3

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.74		mg/Kg	☼	01/29/21 08:38	02/01/21 13:48	1

Client Sample ID: SGC-121620-45.01
Lab Sample ID: 590-14383-76
Date Collected: 12/17/20 10:00
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 88.4

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**0.83**		0.78		mg/Kg	☼	01/29/21 08:38	02/01/21 13:52	1

Client Sample ID: SGC-121620-47.01
Lab Sample ID: 590-14383-82
Date Collected: 12/17/20 10:13
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 88.8

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.69		mg/Kg	☼	01/29/21 08:38	02/01/21 13:55	1

Client Sample ID: SGC-121620-52.01
Lab Sample ID: 590-14383-97
Date Collected: 12/17/20 10:47
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 88.4

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**1.2**		0.85		mg/Kg	☼	01/29/21 08:38	02/01/21 13:59	1

Client Sample ID: SGC-121620-55.01
Lab Sample ID: 590-14383-106
Date Collected: 12/17/20 11:07
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 88.6

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.86		mg/Kg	☼	01/29/21 08:38	02/01/21 14:02	1

Client Sample ID: SGC-121620-56.01
Lab Sample ID: 590-14383-109
Date Collected: 12/17/20 11:14
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 88.7

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.78		mg/Kg	☼	01/29/21 08:38	02/01/21 14:06	1

Client Sample ID: SGC-121620-60.01
Lab Sample ID: 590-14383-121
Date Collected: 12/17/20 11:43
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 89.5

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.72		mg/Kg	☼	01/29/21 08:38	02/01/21 14:23	1

Client Sample Results

Client: Fulcrum Environmental
Job ID: 590-14383-6
Project/Site: Kinney Sundance Mercruy Soil Sampling

Client Sample ID: SGC-121620-62.01
Lab Sample ID: 590-14383-127
Date Collected: 12/17/20 11:58
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 90.8

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.81		mg/Kg	☼	01/29/21 08:38	02/01/21 14:27	1

Client Sample ID: SGC-121620-66.01
Lab Sample ID: 590-14383-139
Date Collected: 12/17/20 12:30
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 85.4

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.94		mg/Kg	☼	01/29/21 08:38	02/01/21 14:31	1

Client Sample ID: SGC-121620-70.01
Lab Sample ID: 590-14383-151
Date Collected: 12/17/20 12:10
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 87.3

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.73		mg/Kg	☼	01/29/21 08:38	02/01/21 14:34	1

Client Sample ID: SGC-121620-71.01
Lab Sample ID: 590-14383-154
Date Collected: 12/17/20 12:16
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 88.5

Method: 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.80		mg/Kg	☼	01/29/21 08:38	02/01/21 14:38	1

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 590-30401/2-A
Matrix: Solid
Analysis Batch: 30426

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		1.0		mg/Kg		01/29/21 08:38	02/01/21 12:49	1

Lab Sample ID: LCS 590-30401/1-A
Matrix: Solid
Analysis Batch: 30427

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30401

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cadmium			50.0	57.0		mg/Kg		114	80 - 120		

Lab Sample ID: 590-14383-7 MS
Matrix: Solid
Analysis Batch: 30426

Client Sample ID: SGC-121620-23.01
Prep Type: Total/NA
Prep Batch: 30401

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cadmium	ND		58.6	64.4		mg/Kg	☼	109	75 - 125		

Lab Sample ID: 590-14383-7 MSD
Matrix: Solid
Analysis Batch: 30426

Client Sample ID: SGC-121620-23.01
Prep Type: Total/NA
Prep Batch: 30401

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium	ND		59.1	65.3		mg/Kg	☼	110	75 - 125	1	20

Lab Sample ID: 590-14383-7 DU
Matrix: Solid
Analysis Batch: 30426

Client Sample ID: SGC-121620-23.01
Prep Type: Total/NA
Prep Batch: 30401

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Cadmium	ND			ND		mg/Kg	☼			NC	20

Lab Chronicle

Client: Fulcrum Environmental
Job ID: 590-14383-6
Project/Site: Kinney Sundance Mercruy Soil Sampling

Client Sample ID: SGC-121620-23.01
Lab Sample ID: 590-14383-7
Date Collected: 12/16/20 15:50
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.40 g	50 mL	30401	01/29/21 08:38	AMB	TAL SPK
Total/NA	Analysis	6010D		1			30426	02/01/21 12:52	JSP	TAL SPK

Client Sample ID: SGC-121620-25.01
Lab Sample ID: 590-14383-13
Date Collected: 12/16/20 15:17
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 72.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.54 g	50 mL	30401	01/29/21 08:38	AMB	TAL SPK
Total/NA	Analysis	6010D		1			30426	02/01/21 13:13	JSP	TAL SPK

Client Sample ID: SGC-121620-26.01
Lab Sample ID: 590-14383-19
Date Collected: 12/16/20 15:32
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 80.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.64 g	50 mL	30401	01/29/21 08:38	AMB	TAL SPK
Total/NA	Analysis	6010D		1			30426	02/01/21 13:16	JSP	TAL SPK

Client Sample ID: SGC-121620-30.01
Lab Sample ID: 590-14383-31
Date Collected: 12/16/20 15:41
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.36 g	50 mL	30401	01/29/21 08:38	AMB	TAL SPK
Total/NA	Analysis	6010D		1			30426	02/01/21 13:34	JSP	TAL SPK

Client Sample ID: SGC-121620-34.01
Lab Sample ID: 590-14383-43
Date Collected: 12/16/20 16:04
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.42 g	50 mL	30401	01/29/21 08:38	AMB	TAL SPK
Total/NA	Analysis	6010D		1			30426	02/01/21 13:38	JSP	TAL SPK

Client Sample ID: SGC-121620-35.01
Lab Sample ID: 590-14383-46
Date Collected: 12/17/20 08:45
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.35 g	50 mL	30401	01/29/21 08:38	AMB	TAL SPK
Total/NA	Analysis	6010D		1			30426	02/01/21 13:41	JSP	TAL SPK

Lab Chronicle

Client: Fulcrum Environmental
Job ID: 590-14383-6
Project/Site: Kinney Sundance Mercruy Soil Sampling

Client Sample ID: SGC-121620-39.01
Lab Sample ID: 590-14383-58
Date Collected: 12/17/20 09:15
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.30 g	50 mL	30401	01/29/21 08:38	AMB	TAL SPK
Total/NA	Analysis	6010D		1			30426	02/01/21 13:45	JSP	TAL SPK

Client Sample ID: SGC-121620-43.01
Lab Sample ID: 590-14383-70
Date Collected: 12/17/20 09:43
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.52 g	50 mL	30401	01/29/21 08:38	AMB	TAL SPK
Total/NA	Analysis	6010D		1			30426	02/01/21 13:48	JSP	TAL SPK

Client Sample ID: SGC-121620-45.01
Lab Sample ID: 590-14383-76
Date Collected: 12/17/20 10:00
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.45 g	50 mL	30401	01/29/21 08:38	AMB	TAL SPK
Total/NA	Analysis	6010D		1			30426	02/01/21 13:52	JSP	TAL SPK

Client Sample ID: SGC-121620-47.01
Lab Sample ID: 590-14383-82
Date Collected: 12/17/20 10:13
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.64 g	50 mL	30401	01/29/21 08:38	AMB	TAL SPK
Total/NA	Analysis	6010D		1			30426	02/01/21 13:55	JSP	TAL SPK

Client Sample ID: SGC-121620-52.01
Lab Sample ID: 590-14383-97
Date Collected: 12/17/20 10:47
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.33 g	50 mL	30401	01/29/21 08:38	AMB	TAL SPK
Total/NA	Analysis	6010D		1			30426	02/01/21 13:59	JSP	TAL SPK

Client Sample ID: SGC-121620-55.01
Lab Sample ID: 590-14383-106
Date Collected: 12/17/20 11:07
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.31 g	50 mL	30401	01/29/21 08:38	AMB	TAL SPK
Total/NA	Analysis	6010D		1			30426	02/01/21 14:02	JSP	TAL SPK

Lab Chronicle

Client: Fulcrum Environmental
Job ID: 590-14383-6
Project/Site: Kinney Sundance Mercruy Soil Sampling

Client Sample ID: SGC-121620-56.01
Lab Sample ID: 590-14383-109
Date Collected: 12/17/20 11:14
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.44 g	50 mL	30401	01/29/21 08:38	AMB	TAL SPK
Total/NA	Analysis	6010D		1			30426	02/01/21 14:06	JSP	TAL SPK

Client Sample ID: SGC-121620-60.01
Lab Sample ID: 590-14383-121
Date Collected: 12/17/20 11:43
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.56 g	50 mL	30401	01/29/21 08:38	AMB	TAL SPK
Total/NA	Analysis	6010D		1			30426	02/01/21 14:23	JSP	TAL SPK

Client Sample ID: SGC-121620-62.01
Lab Sample ID: 590-14383-127
Date Collected: 12/17/20 11:58
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 90.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.36 g	50 mL	30401	01/29/21 08:38	AMB	TAL SPK
Total/NA	Analysis	6010D		1			30426	02/01/21 14:27	JSP	TAL SPK

Client Sample ID: SGC-121620-66.01
Lab Sample ID: 590-14383-139
Date Collected: 12/17/20 12:30
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.25 g	50 mL	30401	01/29/21 08:38	AMB	TAL SPK
Total/NA	Analysis	6010D		1			30426	02/01/21 14:31	JSP	TAL SPK

Client Sample ID: SGC-121620-70.01
Lab Sample ID: 590-14383-151
Date Collected: 12/17/20 12:10
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.58 g	50 mL	30401	01/29/21 08:38	AMB	TAL SPK
Total/NA	Analysis	6010D		1			30426	02/01/21 14:34	JSP	TAL SPK

Client Sample ID: SGC-121620-71.01
Lab Sample ID: 590-14383-154
Date Collected: 12/17/20 12:16
Matrix: Solid
Date Received: 12/17/20 16:24
Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.41 g	50 mL	30401	01/29/21 08:38	AMB	TAL SPK
Total/NA	Analysis	6010D		1			30426	02/01/21 14:38	JSP	TAL SPK

Laboratory References:
TAL SPK = Eurofins TestAmerica, Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Accreditation/Certification Summary

Client: Fulcrum Environmental
Job ID: 590-14383-6
Project/Site: Kinney Sundance Mercruy Soil Sampling

Laboratory: Eurofins TestAmerica, Spokane

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Washington	State	C569	01-06-22

Method Summary

Client: Fulcrum Environmental
Job ID: 590-14383-6
Project/Site: Kinney Sundance Mercruy Soil Sampling

Method	Method Description	Protocol	Laboratory
6010D	Metals (ICP)	SW846	TAL SPK
3050B	Preparation, Metals	SW846	TAL SPK

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SPK = Eurofins TestAmerica, Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: Fulcrum Environmental

REPORT TO: ~~Kathy~~ Scott Groat sgroat@efulcrum.net

ADDRESS: 207 West Boone Avenue
Spokane, WA 99201

PHONE: 509-459-9220 FAX:

INVOICE TO: Fulcrum

P.O. NUMBER:

PROJECT NAME: Kinney Sundance mercury soil sampling

PROJECT NUMBER: 192860.02

SAMPLED BY: S. Groat

TURNAROUND REQUEST in Business Days *

Organic & Inorganic Analyses: 10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* Turnaround Requests less than standard may incur Rush Charges.

PRESERVATIVE

REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	Hg	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SGC-121620-21.01	12/16/20 @ 1535					
2	-21.02	@ 1537				Hold	
3	-21.03	@ 1550					
4	-22.01	@ 1537					
5	-22.02	@ 1535				Hold	
6	-22.03	@ 1541					
7	-23.01	@ 1550					
8	-23.02	@ 1552				Hold	
9	-23.03	@ 1554					
10	-24.01	@ 1507					

590-14383 Chain of Custody

RELEASED BY: Scott Groat	FIRM: Fulcrum	DATE: 12/17/20	RECEIVED BY:	FIRM: TAS/PO	DATE: 12/17/20
PRINT NAME:		TIME: 624	PRINT NAME: Maria Goode		TIME: 16:24
RELEASED BY:		DATE:	RECEIVED BY:		DATE:
PRINT NAME:	FIRM:	TIME:	PRINT NAME:	FIRM:	TIME:

ADDITIONAL REMARKS: Please Hold all samples ending in .02 + .03

TEMP: 3.9 → 4.1 1.8 → 2.0°C

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2/1/2021

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:

INVOICE TO:

REPORT TO:
ADDRESS:

PHONE: FAX:

P.O. NUMBER:

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses
10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses
5 STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

PROJECT NAME:

PROJECT NUMBER:

SAMPLED BY:

PRESERVATIVE

REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	Src-121620-24.02	12/16/20 @ 1509			Hold	
2	-24.03	1511			↓	
3	-25.01	1517				
4	-25.02	1519			Hold	
5	-25.03	1521			↓	
6	-25B.01	1524				
7	-25B.02	1526			Hold	
8	-25B.03	1529			↓	
9	-26.01	1532				
10	-26.02	1534			Hold	

RELEASED BY: [signature]		DATE: 12/17/20	RECEIVED BY:	DATE: 12/17/20
PRINT NAME:	FIRM: Fulcrum	TIME: 1614	PRINT NAME: Maria Lopez	FIRM: ASPO TIME: 16:24
RELEASED BY:		DATE:	RECEIVED BY:	DATE:
PRINT NAME:	FIRM:	TIME:	PRINT NAME:	FIRM: TIME:

ADDITIONAL REMARKS:

TEMP:

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TestAmerica

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210 ☐

2/1/2021

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:
REPORT TO:
ADDRESS:
PHONE: FAX:
INVOICE TO:
P.O. NUMBER:
PROJECT NAME:
PROJECT NUMBER:
SAMPLED BY:

TURNAROUND REQUEST in Business Days *

Organic & Inorganic Analyses: 10 (STD.) | 7 | ~~5~~ ☒ | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: 5 (STD.) | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* *Turnaround Requests less than standard may incur Rush Charges.*

PRESERVATIVE

REQUESTED ANALYSES

#	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	REQUESTED ANALYSES: #0	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SGC-121620-26.03	12/16/20 @ 1536	↓			Hold	
2	-27.01	↓ 1539	↓				
3	-27.02	↓ 1541	↓				
4	-27.03	↓ 1543	↓				
5	-28.01	↓ 1530	↓				
6	-28.02	↓ 1532	↓				
7	~~[illegible]~~ -28.03	↓ 1534	↓				
8	-29.01	↓ 1536	↓				
9	-29.02	↓ 1538	↓				
10	-29.03	↓ 1540	↓				

RELEASED BY: DATE: RECEIVED BY: DATE: 12/17/20
PRINT NAME: FIRM: TIME: PRINT NAME: Mahauzooa FIRM: TASR TIME: 16:24
RELEASED BY: DATE: RECEIVED BY: DATE:
PRINT NAME: FIRM: TIME: PRINT NAME: FIRM: TIME:
ADDITIONAL REMARKS: TEMP:

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2/1/2021

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:

INVOICE TO:

REPORT TO:
ADDRESS:

PHONE: FAX:

P.O. NUMBER:

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses
10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses
5 STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

PROJECT NAME:

PROJECT NUMBER:

SAMPLED BY:

PRESERVATIVE

REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SGC-121620-30.01	12/16/20@ 1541				
2	-30.02	1543				
3	-30.03	1545				
4	-31.01	1547				
5	-31.02	1549				
6	-31.03	1551				
7	-32.01	1553				
8	-32.02	1555				
9	~~-32.03~~ -32.03	1557				
10	~~-33.04~~ -33.01	1559				

RELEASED BY: Scott Stuart FIRM: Fulcrum DATE: 12/17/20 TIME: 1614
PRINT NAME:

RECEIVED BY: Maria Woods FIRM: TACR DATE: 12/17/2 TIME: 16:24
PRINT NAME:

RELEASED BY: DATE: TIME:
PRINT NAME: FIRM:

RECEIVED BY: DATE: TIME:
PRINT NAME: FIRM:

ADDITIONAL REMARKS:

TEMP:

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CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:

INVOICE TO:

REPORT TO:
ADDRESS:

PHONE: FAX:

P.O. NUMBER:

PROJECT NAME:

PROJECT NUMBER:

SAMPLED BY:

TURNAROUND REQUEST
in Business Days *

Organic & Inorganic Analyses: 10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SGC-121620-33.02	12/16/20 @ 1601						
2	-33.03	1602						
3	-34.01	1604						
4	-34.02	1606						
5	-34.03	1608						
6								
7								
8								
9								
10								

RELEASED BY: [signature] DATE: 12/17/20
PRINT NAME: FIRM: Fulcrum TIME: 614

RECEIVED BY: DATE: 12/17/20
PRINT NAME: MARIA WOOLE FIRM: TASR TIME: 16:24

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE:
PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS:

TEMP:

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TestAmerica
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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

2/1/2021

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:

INVOICE TO:

REPORT TO:
ADDRESS:

PHONE: FAX:

P.O. NUMBER:

PROJECT NAME:

PROJECT NUMBER:

SAMPLED BY:

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses
10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses
5 STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SGC-121620-35.01	12/17/20@0845				
2	-35.02	0847				
3	-35.03	0849				
4	-36.01	0853				
5	-36.02	0855				
6	-36.03	0857				
7	-37.01	0859				
8	-37.02	0903				
9	-37.03	0905				
10	-38.01	0907				

PRESERVATIVE

REQUESTED ANALYSES

RELEASED BY: Scott Shoaf	FIRM: Fulcrum	DATE: 12/17/20	RECEIVED BY:	DATE: 12/17/20
PRINT NAME:		TIME: 1614	PRINT NAME: Mariah Moore FIRM: TAS	TIME: 1624
RELEASED BY:	FIRM:	DATE:	RECEIVED BY:	DATE:
PRINT NAME:		TIME:	PRINT NAME: FIRM:	TIME:

ADDITIONAL REMARKS:

TEMP:

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2/1/2021

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:

INVOICE TO:

REPORT TO:
ADDRESS:

PHONE: FAX:

P.O. NUMBER:

TURNAROUND REQUEST
in Business Days *

Organic & Inorganic Analyses
10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses
5 STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* Turnaround Requests less than standard may incur Rush Charges.

PROJECT NAME:

PROJECT NUMBER:

SAMPLED BY:

PRESERVATIVE

REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SGC-121620-38.02	12/17/20 @ 0909				
2	-38.03	0911				
3	-39.01	0915				
4	-39.02	0916				
5	-39.03	0918				
6	-40.01	0921				
7	-40.02	0923				
8	-40.03	0925				
9	-41.01	0930				
10	-41.02	0931				

RELEASED BY: PRINT NAME: FIRM: Fulcrum DATE: 12/17/20 TIME: 1614

RECEIVED BY: PRINT NAME: Mariacoole FIRM: TAO DATE: 12/17/20 TIME: 16:24

RELEASED BY: PRINT NAME: FIRM: DATE: TIME:

RECEIVED BY: PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS:

TEMP:

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

2/1/2021

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:

INVOICE TO:

REPORT TO:
ADDRESS:

PHONE: FAX:

P.O. NUMBER:

PROJECT NAME:

PROJECT NUMBER:

SAMPLED BY:

TURNAROUND REQUEST
in Business Days *

Organic & Inorganic Analyses
10 STD. | 7 | ~~5~~ | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses
5 STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* *Turnaround Requests less than standard may incur Rush Charges.*

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1 SGC-121620-41.03	12/17/20 @ 0933						
2 -42.01	0936						
3 -42.02	0938						
4 -42.03	0940						
5 -43.01	0943						
6 -43.02	0945						
7 -43.03	0947						
8 -44.01	0953						
9 -44.02	0955						
10 -44.03	0957						

RELEASED BY: Scott Stout FIRM: Fulcrum DATE: 12/17/20 TIME: 1614
PRINT NAME:

RECEIVED BY: Mariaroode FIRM: TASD DATE: 12/17/20 TIME: 16:24
PRINT NAME:

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE:
PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS:

TEMP:

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	9 of ____ COCs
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W) ____			
(509) 459-9220 Phone	TAT if different from Below ____			SDG No.
(509) 459-9219 FAX	☐ 2 weeks 5 days			
Project Name:	☐ 1 week			
Site:	☐ 2 days			
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	Hg	Sample Specific Notes:
SGC-121620-45.01	12/17/20	1000		S				
-45.02		1002						
-45.03		1004						
-46.01		1006						
-46.02		1008						
-46.03		1010						
-47.01		1013						
-47.02		1015						
-47.03		1017						
-48.01		1021						
-48.02		1023						
-48.03		1025						

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20 1614	[signature]	TASP	12/17/20 16:21
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	10 of ____ COCs
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W) ____			
(509) 459-9220 Phone	TAT if different from Below ____			SDG No.
(509) 459-9219 FAX	☐ 2 weeks			
Project Name: Sundance Phase II	☐ 1 week 5 day			
Site:	☐ 2 days			
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	Sample Specific Notes:
SGC-121620-49.01	12/17/20	1027		S		N	
-49.02		1029					
-49.03		1031					
-50.01		1033					
-50.02		1035					
-50.03		1037					
-51.01		1041					
-51.02		1043					
-51.03		1045					
-52.01		1047					
-52.02		1049					
-52.03	↓	1051	↓	↓		↓	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20 1614	[signature]	UPS	12/17/20 16:24
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	11 of ____ COCs
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W) ____			
(509) 459-9220 Phone	TAT if different from Below ____			SDG No.
(509) 459-9219 FAX	☐ 2 weeks ☐ 1 week 5day ☐ 2 days ☐ 1 day			
Project Name:				
Site:				
PO #				

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes:
SGC-121620-53.01	12/17/20	1053		S				
-53.02		1055						
-53.03		1057						
-54.01		1059						
-54.02		1103						
-54.03		1105						
-55.01		1107						
-55.02		1109						
-55.03		1111						
-56.01		1114						
-56.02		1116						
-56.03		1116						

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Scott Hoot	Fulcrum	12/17/20 @1614	Maria Brooke	TASPO	12/17/20 16:24
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	12 of ____ COCs
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W) ____			
(509) 459-9220 Phone	TAT if different from Below ____			SDG No.
(509) 459-9219 FAX	☐ 2 weeks			
Project Name:	☐ 1 week			
Site:	☐ 2 days			
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	Sample Specific Notes:
SGC-121620-57.01	12/17/20	1122		S		N	
-57.02		1124					
-57.03		1126					
-58.01		1130					
-58.02		1132					
-58.03		1134					
-59.01		1137					
-59.02		1139					
-59.03		1141					
-60.01		1143					
-60.02		1145					
-60.03		1147					

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20	[illegible]	TASPO	12/17/20 16:24
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	____ of ____ COCs
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W) ____			
(509) 459-9220 Phone	TAT if different from Below ____			SDG No.
(509) 459-9219 FAX	☐ 2 weeks			
Project Name:	☐ 1 week			
Site:	☐ 2 days			
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	Sample Specific Notes:
SGL-12/620-61.01	12/17/20	1150		S		N	
-61.02		1152					
-61.03		1154					
-62.01		1158					
-62.02		1200					
-62.03		1202					
-63.01		1205					
-63.02		1207					
-63.03		1209					
-64.01		1214					
-64.02		1216					
-64.03		1218					

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20 1614	[signature]	TSR	12/18/20 1617
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	14 of ____ COCs
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W) ____			
(509) 459-9220 Phone	TAT if different from Below ____			SDG No.
(509) 459-9219 FAX	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day — 5 day			
Project Name:				
Site:				
PO #				

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	Sample Specific Notes:
SGC-12620-65.01	12/17/16	1222		S		N	
-65.02		1224					
-65.03		1226					
-66.01		1230					
-66.02		1232					
-66.03		1236					
-67.01		1239					
-68.02		1241					
-68.03		1242					
-69.01		1245					
-69.02		1247					
-69.03		1250		W		↓	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20 1614	Mana Goode	TSMO	12/17/20 1633
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Chain of Custody Record

TestAmerica Laboratories, Inc.

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Fulcrum Environmental Consulting, Inc.	Tel/Fax:	Lab Contact:	Carrier:	____ of ____ COCs
207 West Boone Avenue	Analysis Turnaround Time			Job No.
Spokane, WA 99201	Calendar (C) or Work Days (W) ____			
(509) 459-9220 Phone	TAT if different from Below ____			SDG No.
(509) 459-9219 FAX	☐ 2 weeks			
Project Name:	☐ 1 week 5 day			
Site:	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Hg	Sample Specific Notes:
SGC-121620-70.01	12/12/20	1210		S				
-70.02		1212						
-70.03		1214						
-71.01		1216						
-71.02		1218						
-71.03		1220						
-72.01		1222						
-72.02		1224						
-72.03		1226						
-73.01		1228						
-73.02		1230						
-73.03		1232						

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20 1614	[signature]	TAPRO	12/17/20 16:24
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Pg 15

TestAmerica Spokane
11922 E. 1st Ave.
Spokane, WA 99206
Phone: 509.924.9200 Fax:

Chain of Custody Record

013996

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Company Name:	Tel/Fax:	Lab Contact:	Carrier:	16 of ____ COCs
Address:	Analysis Turnaround Time			Sampler:
City/State/Zip:	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below 5			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name:	☐ 1 week			
Site:	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)																		Sample Specific Notes:
SGC-121620-300.01	12/17/20	0914		S				N																	
-300.02		0916																							
-300.03		0918																							
-301.01		1203																							
-301.02		1205																							
-301.03		1207																							
-301.01		1314																							
-301.02		1316																							
-301.03		1318																							

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Fulcrum	12/17/20 1614	Maria Groce	TASPO	12/17/20 16:24
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Login Sample Receipt Checklist

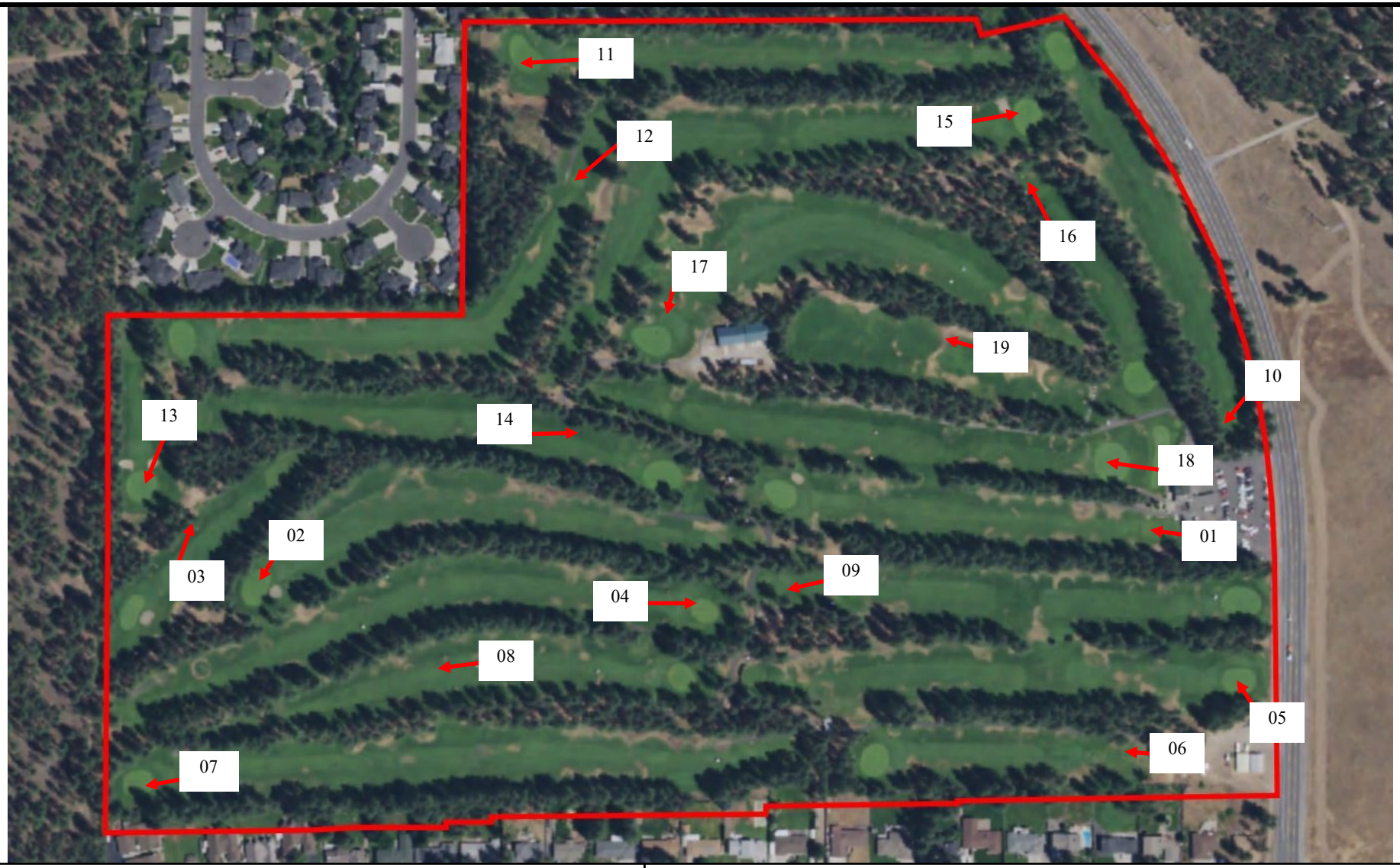
Client: Fulcrum Environmental

Job Number: 590-14383-6

Login Number: 14383
List Number: 1
Creator: O'Toole, Maria C

List Source: Eurofins TestAmerica, Spokane

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.



LEGEND

00 Soil Sample Location

Figure 1: Preliminary Arsenic, Lead, and Mercury Soil Sample Location Map, Sundance Golf Course, Nine Mile Falls, Washington

FULCRUM environmental consulting

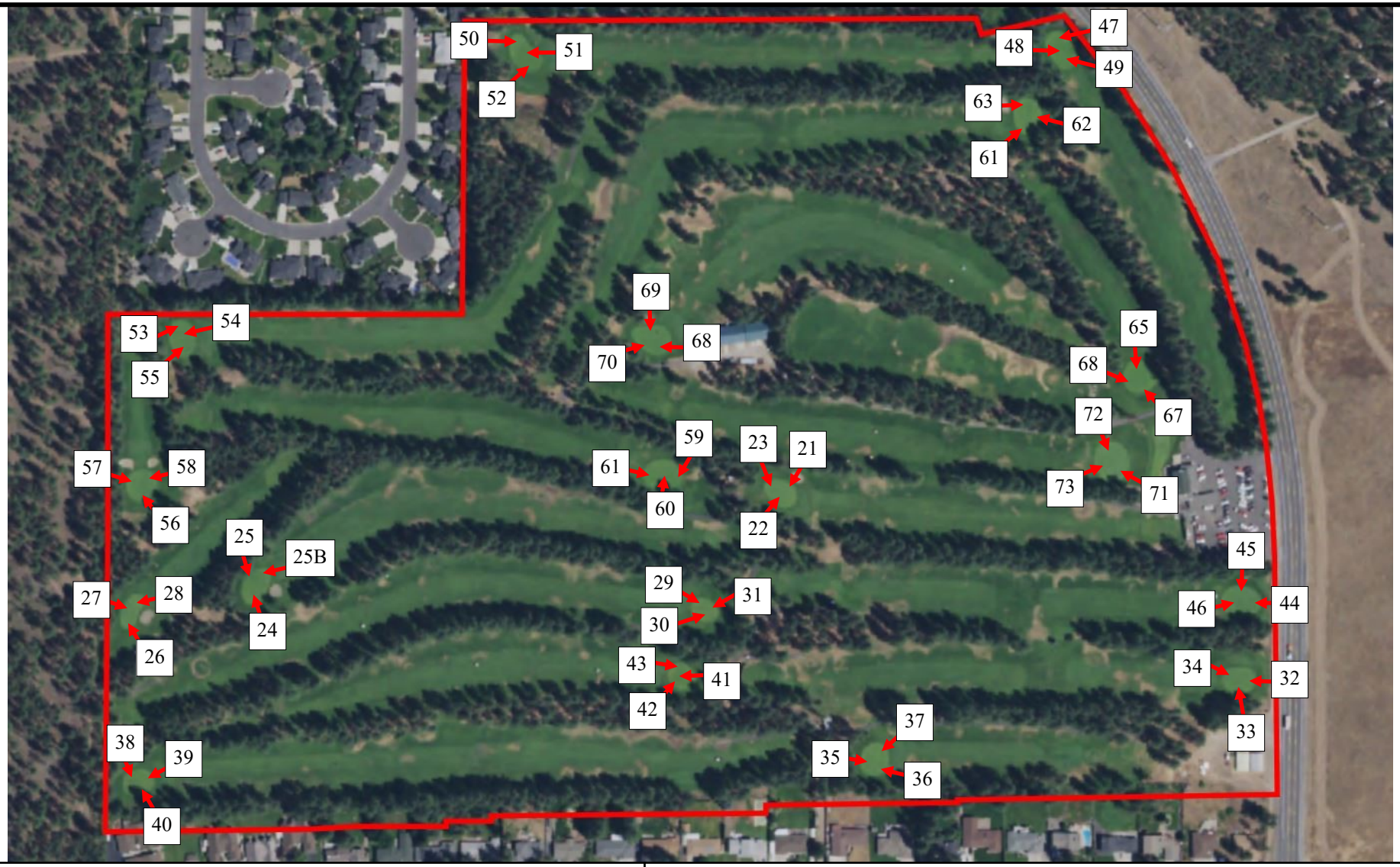
Fulcrum Environmental Consulting, Inc.
207 West Boone Avenue
Spokane, Washington 99201
(509) 459-9220

Map By: McKenzie Elliott

Project Number: 192860.01

Date Updated: 12/23/2020

Reviewed By: Scott Groat



LEGEND

00 Soil Sample Location

Figure 2: Putting Greens Mercury Soil Sample Location Map, Sundance Golf Course, Nine Mile Falls, Washington

FULCRUM environmental consulting

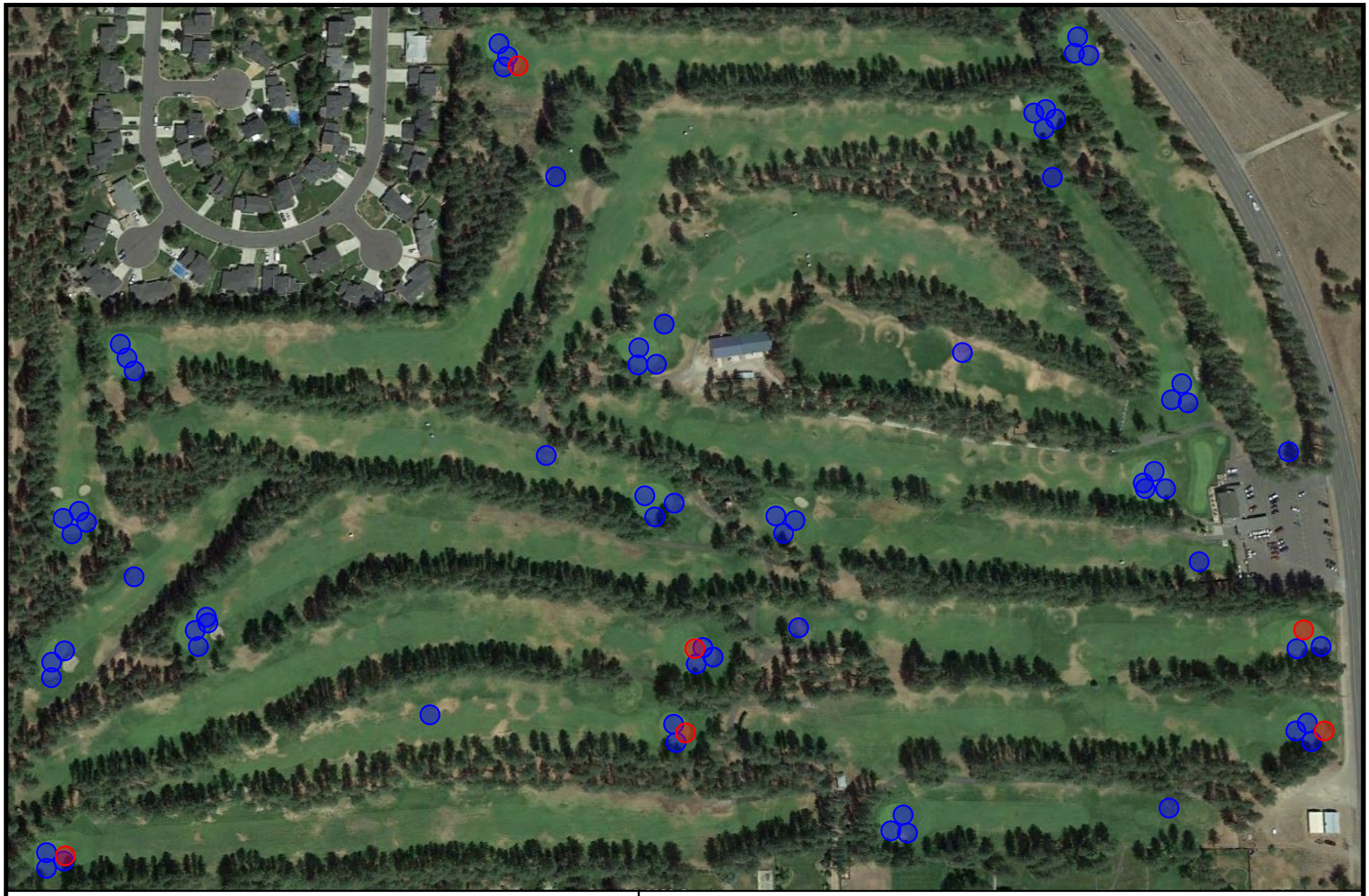
Fulcrum Environmental Consulting, Inc.
207 West Boone Avenue
Spokane, Washington
99201
(509) 459-9220

Map By: McKenzie Elliott

Project Number: 192860.02

Date Updated: 12/23/2020

Reviewed By: Scott Groat



LEGEND

- Location Above Regulatory Threshold
- Location Below Regulatory Threshold
- Each circle shows an approximate 40-foot diameter area around a soil sample location

Figure 3: Soil Sample Results

FULCRUM environmental consulting

Project Number: 192860.02

Map By: McKenzie Elliott

Date Updated: 12/29/2020

Reviewed By: Travis Trent

Table 2: December 16, 2020, Putting Green Hg and Cd Soil Sampling Results in ppm (mg/kg)

Sample		Location	Sample Depth (in)	Mercury in (mg/kg)	Cadmium in (mg/kg)
SGC-121620-21	.01	Hole 1, northeast	3	ND	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-22	.01	Hole 1, south central	3	ND	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-23	.01	Hole 1, northwest	3	ND	ND
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-24	.01	Hole 2, southeast	3	0.120	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-25	.01	Hole 2, northwest	3	0.120	ND
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-25B	.01	Hole 2, north central	3	0.140	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-26	.01	Hole 3, south central	3	ND	ND
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-27	.01	Hole 3, northwest	3	ND	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-28	.01	Hole 3, northeast	3	ND	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-29	.01	Hole 4, west central	3	0.037	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-30	.01	Hole 4, south central	3	ND	ND
	.02		6	NA	NA
	.03		12	NA	NA

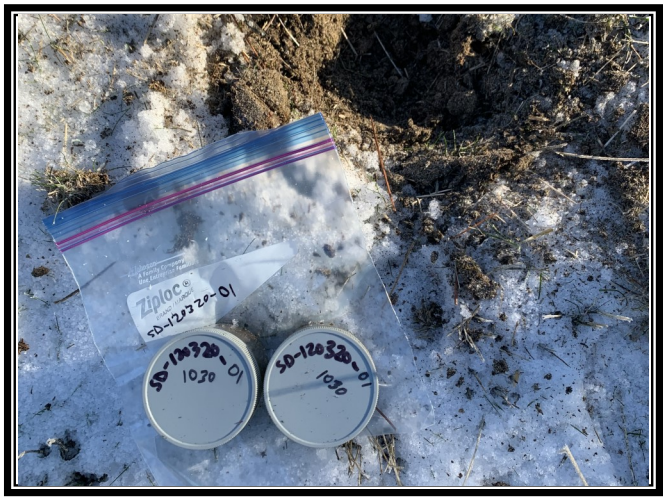
Sample		Location	Sample Depth (in)	Mercury in (mg/kg)	Cadmium in (mg/kg)
SGC-121620-31	.01	Hole 4, east central	3	0.280	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-32	.01	Hole 5, east central	3	**2.6**	NA
	.02		6	**4.5**	NA
	.03		12	1.7	NA
SGC-121620-33	.01	Hole 5, west central	3	0.540	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-34	.01	Hole 5, central	3	0.084	ND
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-35	.01	Hole 6, east central	3	0.230	ND
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-36	.01	Hole 6, north central	3	1.8	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-37	.01	Hole 6, west central	3	0.380	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-38	.01	Hole 7, northwest	3	0.110	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-39	.01	Hole 7, north central	3	0.140	ND
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-40	.01	Hole 7, south central	3	0.098	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-41	.01	Hole 8, east central	3	**3.5**	NA
	.02		6	0.290	NA
	.03		12	NA	NA

Sample		Location	Sample Depth (in)	Mercury in (mg/kg)	Cadmium in (mg/kg)
SGC-121620-42	.01	Hole 8, southwest	3	0.75	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-43	.01	Hole 8, north central	3	0.230	ND
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-44	.01	Hole 9, east central	3	1.9	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-45	.01	Hole 9, north central	3	**21**	0.83
	.02		6	0.120	NA
	.03		12	NA	NA
SD-121620-46	.01	Hole 9, southwest	3	0.260	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-47	.01	Hole 10, north central	3	0.110	ND
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-48	.01	Hole 10, central	3	0.091	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-49	.01	Hole 10, south central	3	0.160	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-50	.01	Hole 11, northwest	3	ND	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-51	.01	Hole 11, central	3	0.078	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-52	.01	Hole 11, southeast	3	**13**	1.2
	.02		6	ND	NA
	.03		12	NA	NA

Sample		Location	Sample Depth (in)	Mercury in (mg/kg)	Cadmium in (mg/kg)
SGC-121620-53	.01	Hole 12, north central	3	0.200	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-54	.01	Hole 12, central	3	ND	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-55	.01	Hole 12, south central	3	0.042	ND
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-56	.01	Hole 13, south central	3	ND	ND
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-57	.01	Hole 13, northwest	3	0.054	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-58	.01	Hole 13, northeast	3	0.066	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-59	.01	Hole 14, southeast	3	0.058	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-60	.01	Hole 14, central	3	0.240	ND
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-61	.01	Hole 14, northwest	3	0.066	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-62	.01	Hole 15, east central	3	0.320	ND
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-63	.01	Hole 15, northwest	3	ND	NA
	.02		6	NA	NA
	.03		12	NA	NA

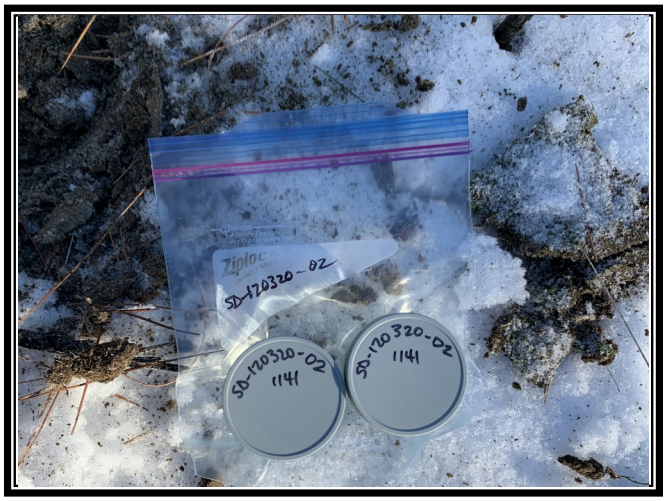
Sample		Location	Sample Depth (in)	Mercury in (mg/kg)	Cadmium in (mg/kg)
SGC-121620-64	.01	Hole 15, southwest	3	0.082	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-65	.01	Hole 16, north central	3	0.20	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-66	.01	Hole 16, west central	3	ND	ND
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-67	.01	Hole 16, south central	3	0.130	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-68	.01	Hole 17, southeast	3	ND	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-69	.01	Hole 17, north central	3	ND	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-70	.01	Hole 17, southwest	3	0.097	ND
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-71	.01	Hole 18, southeast	3	ND	ND
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-72	.01	Hole 18, north central	3	0.19	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-73	.01	Hole 18, southwest	3	0.79	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-300	.01	Duplicate of sample SGC-121620-24.01/.02/.03	3	0.15	NA
	.02		6	NA	NA
	.03		12	NA	NA

Sample		Location	Sample Depth (in)	Mercury in (mg/kg)	Cadmium in (mg/kg)
SGC-121620-301	.01	Duplicate of sample SGC-121620-41.01/.02/.03	3	**4.6**	NA
	.02		6	NA	NA
	.03		12	NA	NA
SGC-121620-302	.01	Duplicate of sample SGC-121620-68.01/.02/.03	3	ND	NA
	.02		6	NA	NA
	.03		12	NA	NA
Average Concentration for 3-inch horizon				0.93	0.11
Ecology Background 90th Percentile Concentration for Spokane Basin				0.02	0.72
MTCA Method A Cleanup Level (mg/kg)				2.0	2.0



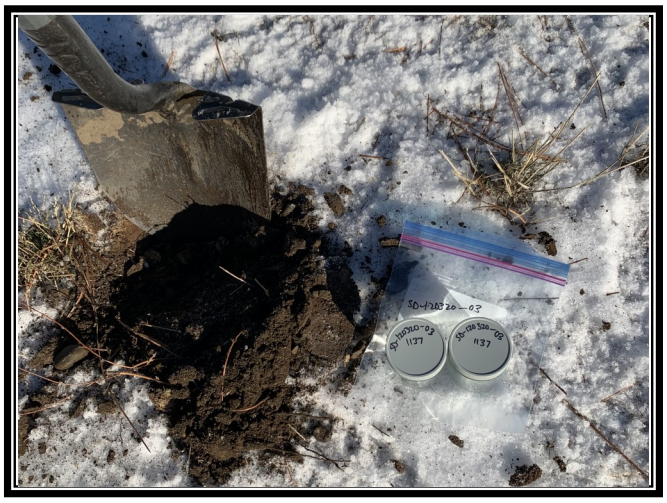
Photograph #1: 12/03/20

View of sample SD-120320-01 taken from the tee box of Hole 1.



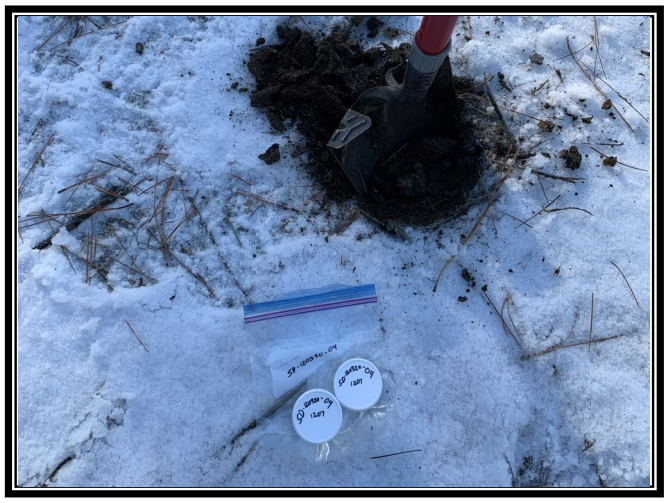
Photograph #2: 12/03/20

View of sample SD-120320-02 taken from the putting green of Hole 2.



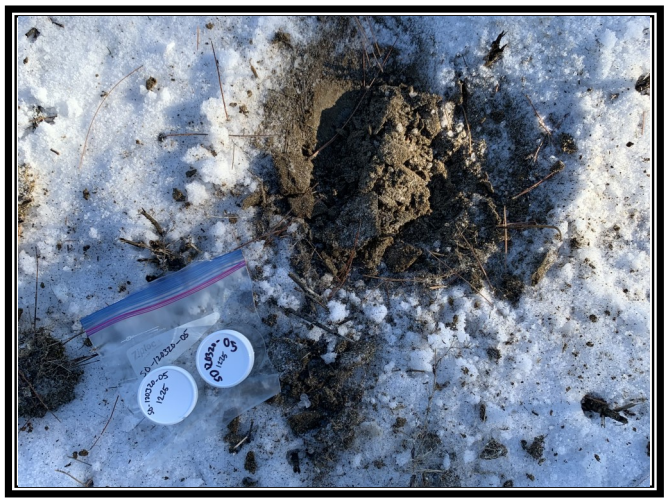
Photograph #3: 12/03/20

View of sample SD-120320-03 taken from the fairway of Hole 3.



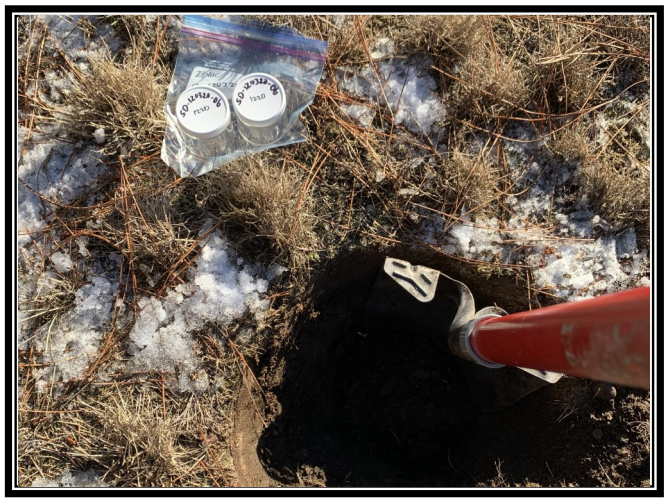
Photograph #4: 12/03/20

View of sample SD-120320-04 taken from the putting green of Hole 4.



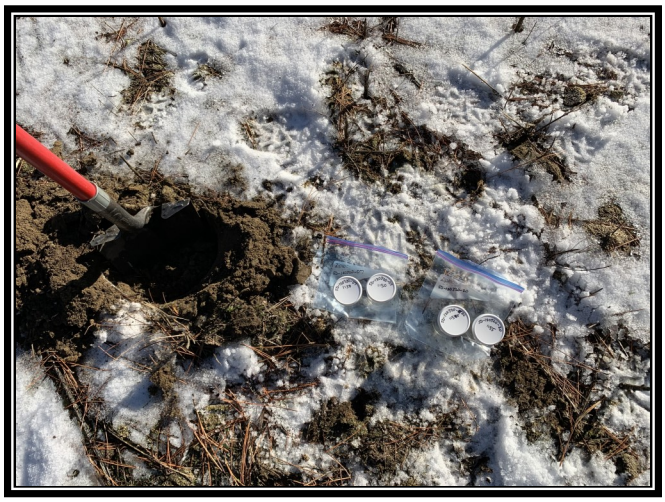
Photograph #5: 12/03/20

View of sample SD-120320-05 taken from the putting green of Hole 5.



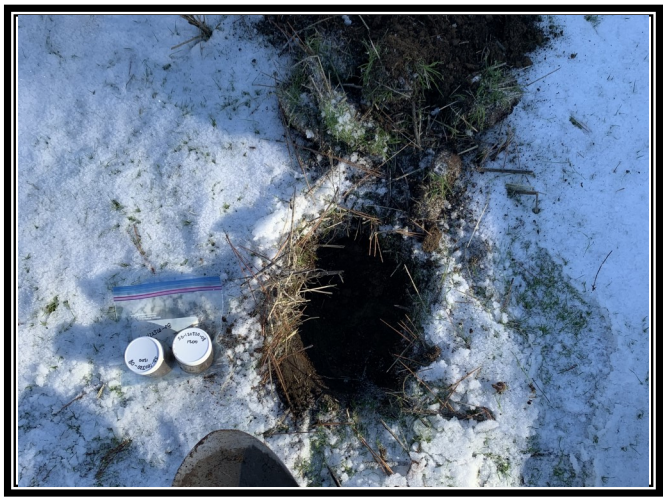
Photograph #6: 12/03/20

View of sample SD-120320-06 taken from the tee box of Hole 6.



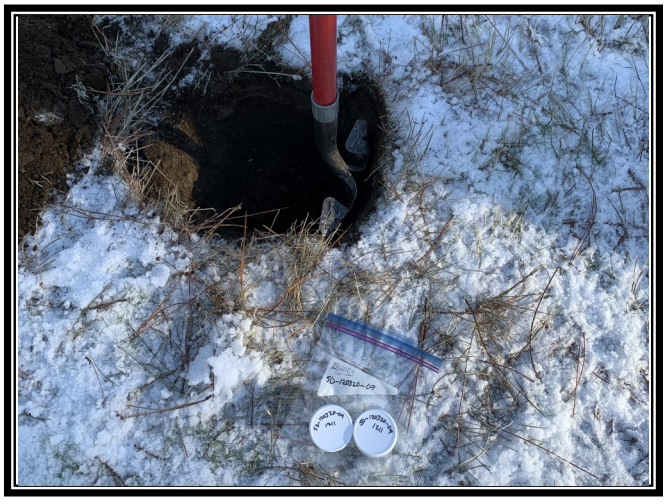
Photograph #7: 12/03/20

View of sample SD-120320-07 and SD-120320-20 (duplicate) taken from the putting green of Hole 7.



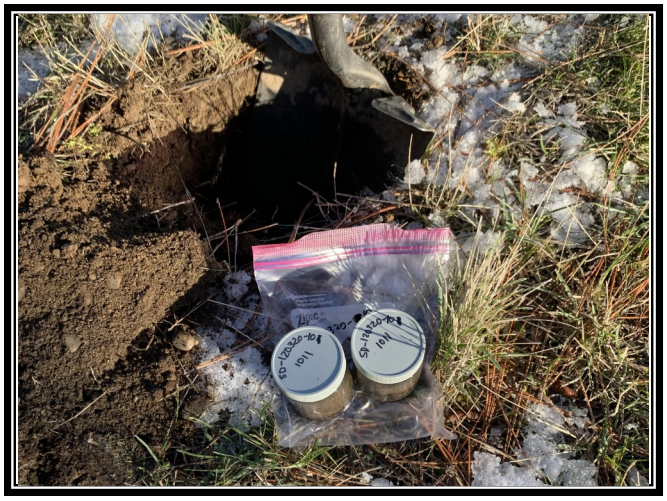
Photograph #8: 12/03/20

View of sample SD-120320-08 taken from the fairway of Hole 8.



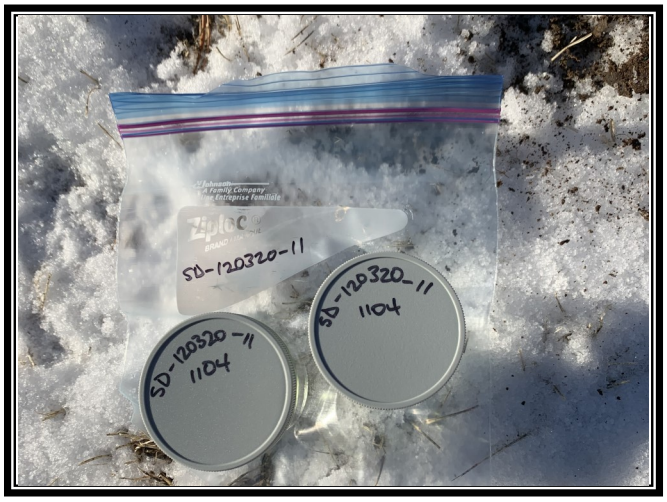
Photograph #9: 12/03/20

View of sample SD-120320-09 taken from the tee box of Hole 9.



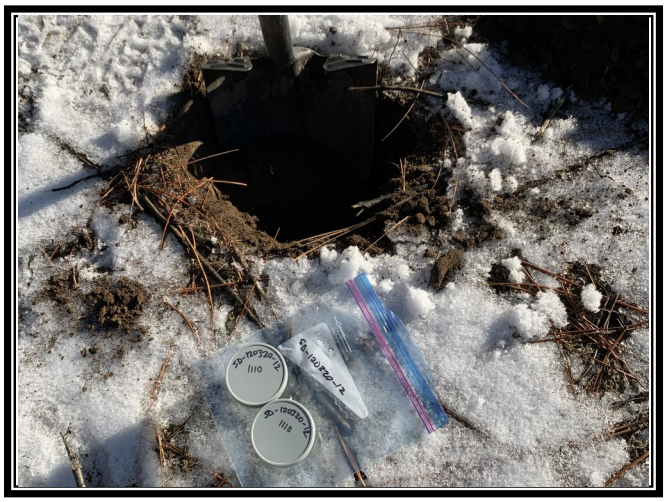
Photograph #10: 12/03/20

View of sample SD-120320-10 taken from the tee box of Hole 10.



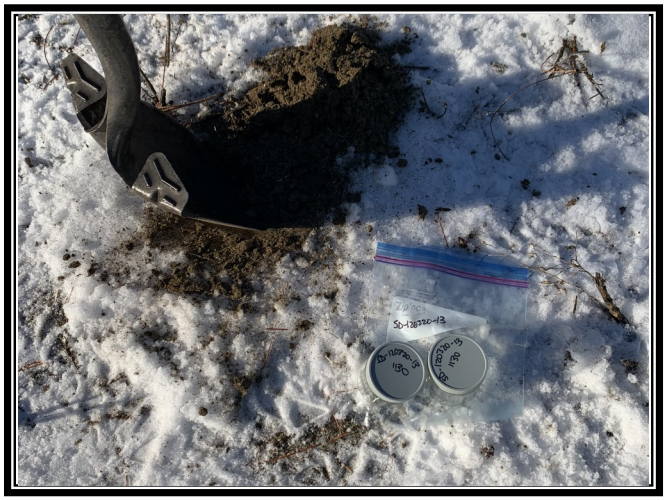
Photograph #11: 12/03/20

View of sample SD-120320-11 taken from the putting green of Hole 11.



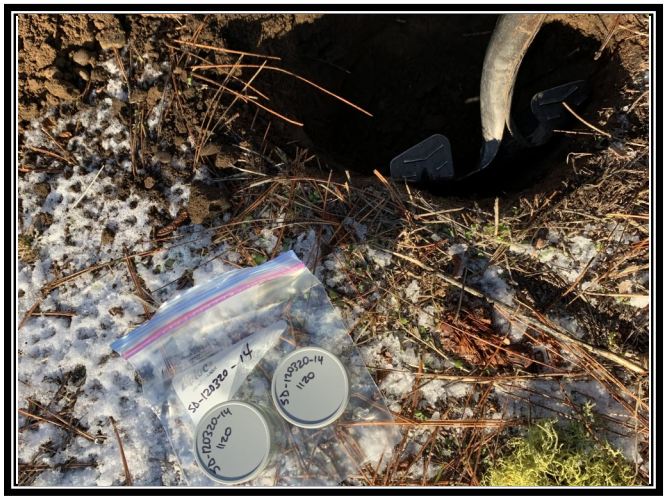
Photograph #12: 12/03/20

View of sample SD-120320-12 taken from the tee box of Hole 12.



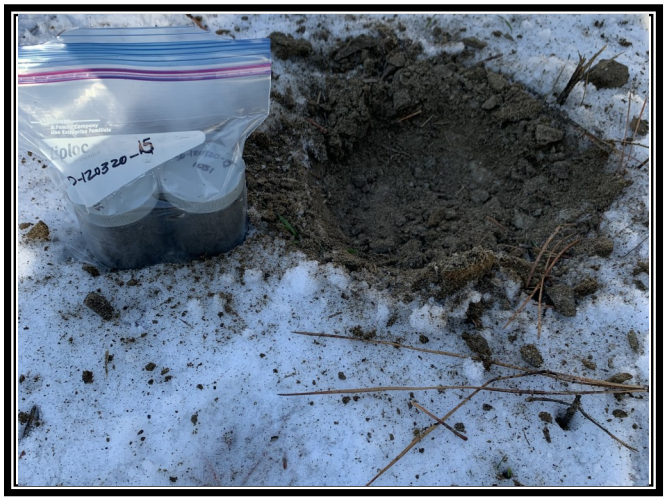
Photograph #13: 12/03/20

View of sample SD-120320-13 taken from the putting green of Hole 13.



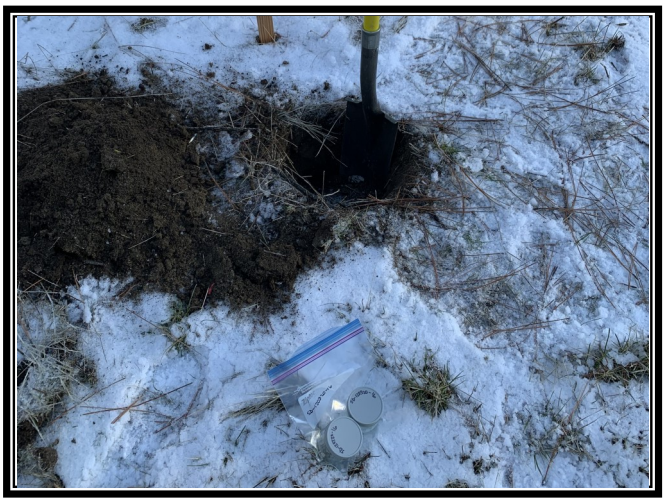
Photograph #14: 12/03/20

View of sample SD-120320-14 taken from the fairway of Hole 14.



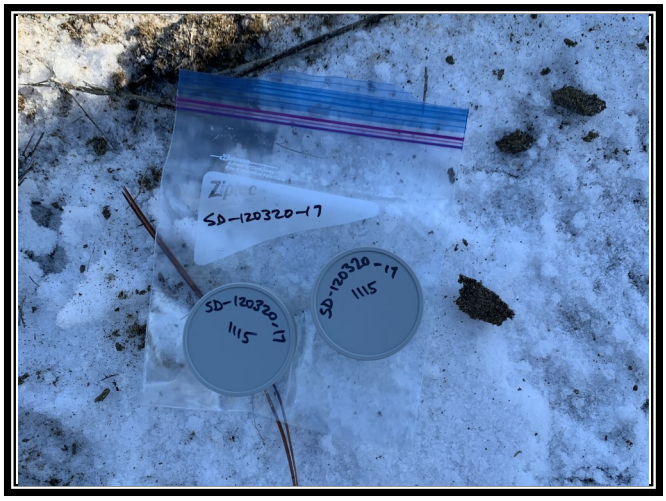
Photograph #15: 12/03/20

View of sample SD-120320-15 taken from the putting green of Hole 15.



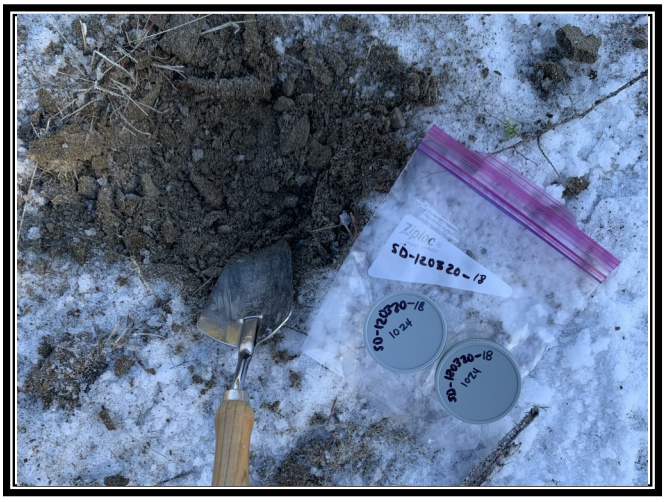
Photograph #16: 12/03/20

View of sample SD-120320-16 taken from the tee box of Hole 16.



Photograph #17: 12/03/20

View of sample SD-120320-17 taken from the putting green of Hole 17.



Photograph #18: 12/03/20

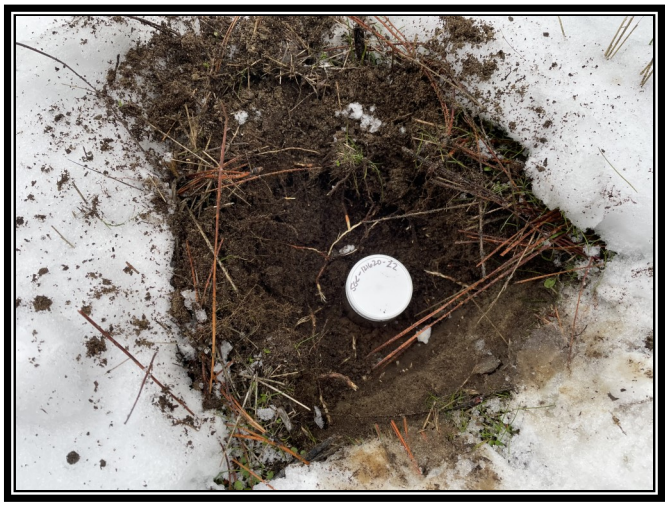
View of sample SD-120320-18 taken from the putting green of Hole 18.

Photograph #19: 12/03/20

View of sample SD-120320-19 taken from the Driving Range.

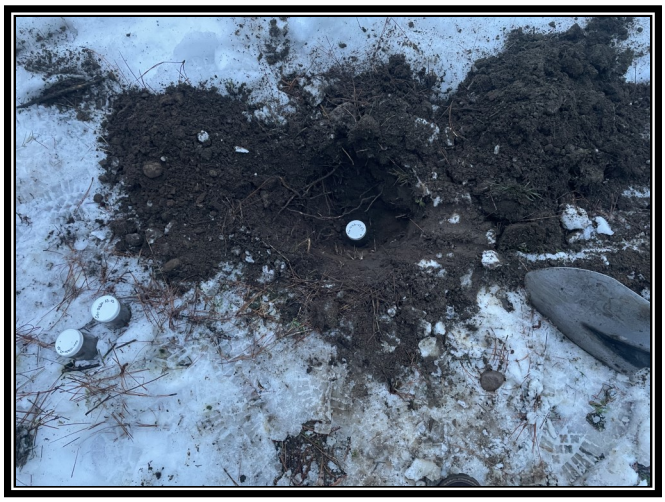
Photograph #20: 12/16/20

View of sample SGC-121620-21 taken from the northeast area of the Hole 1 putting green.



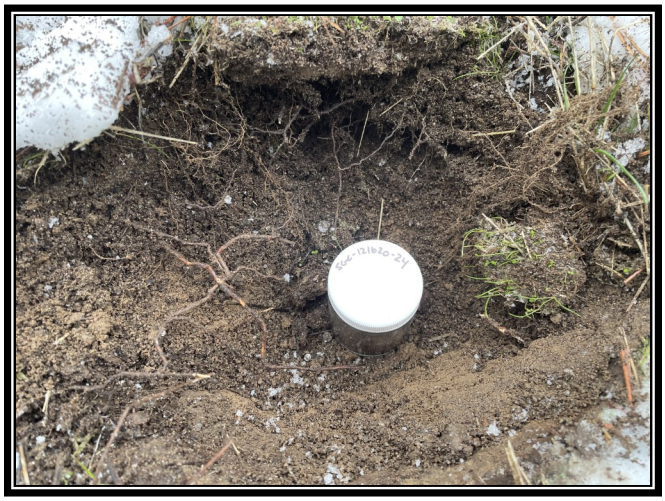
Photograph #21:

View of sample SGC-121620-22 taken from the south central area of the Hole 1 putting green.



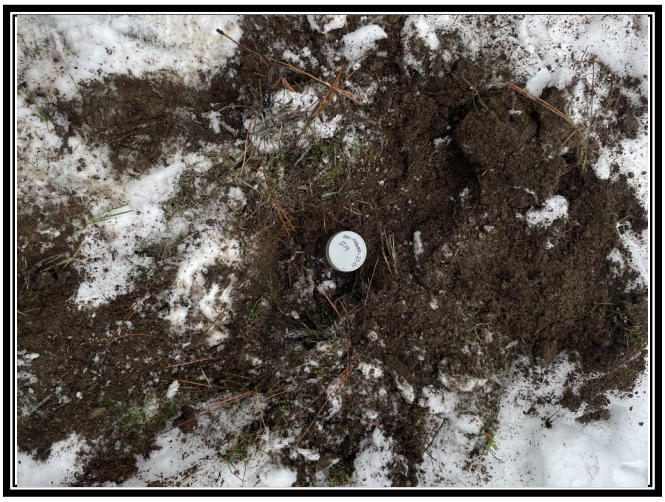
Photograph #22: 12/16/20

View of sample SGC-121620-23 taken from the northwest are of the Hole 1 putting green.



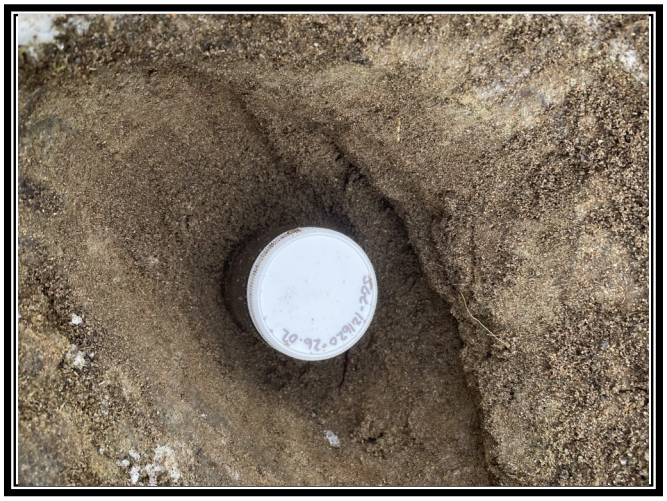
Photograph #23: 12/16/20

View of sample SGC-121620-24 taken from the southeast area of the Hole 2 putting green.



Photograph #24: 12/16/20

View of sample SGC-121620-25 taken from the northwest area of the Hole 2 putting green.

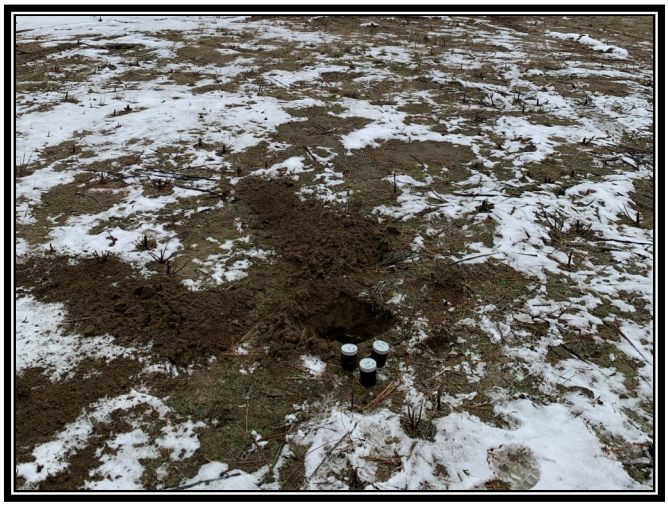


Photograph #25: 12/16/20

View of sample SGC-121620-26 taken from the south central area of the Hole 3 putting green.

Photograph #26: 12/16/20

View of sample SGC-121620-27 taken from the northwest area of the Hole 3 putting green.

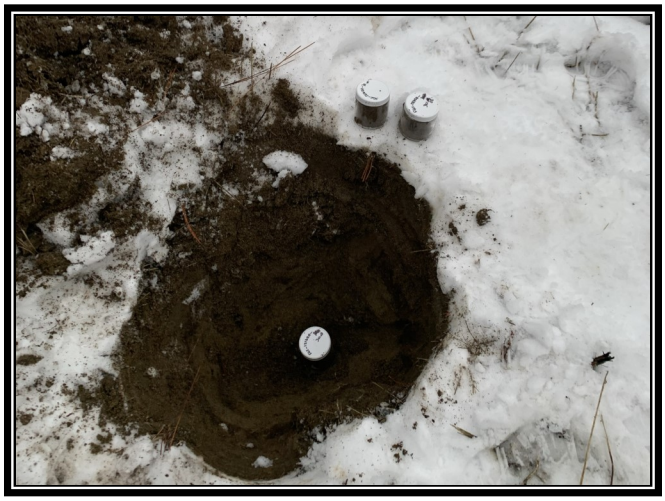


Photograph #27: 12/16/20

View of sample SGC-121620-28 taken from the northeast area of the Hole 3 putting green.

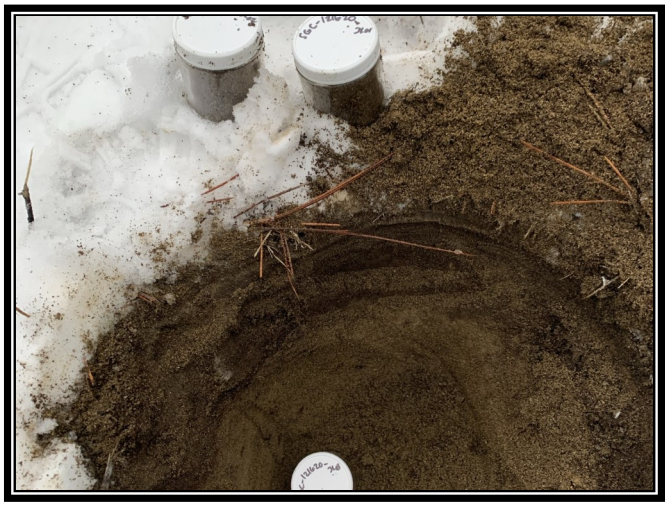
Photograph #28: 12/16/20

View of sample SGC-121620-29 taken from the west central area of the Hole 4 putting green.



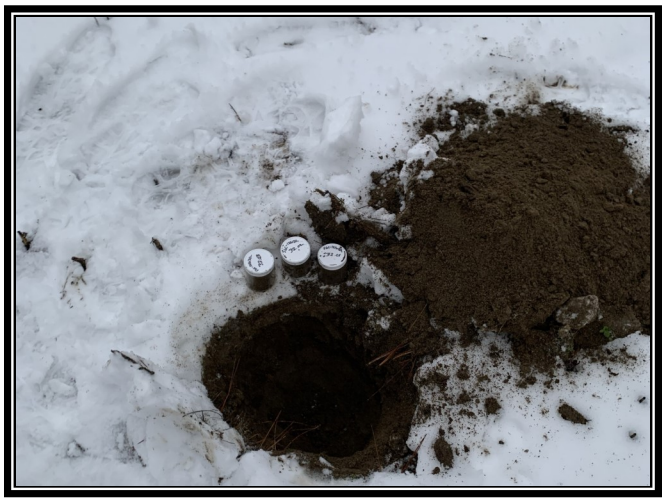
Photograph #29: 12/16/20

View of sample SGC-121620-30 taken from the south central area of the Hole 4 putting green.



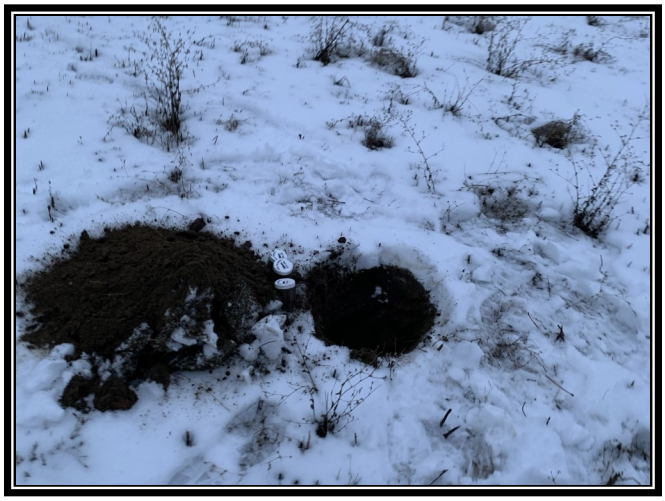
Photograph #30: 12/16/20

View of sample SGC-121620-31 taken from the east central area of the Hole 4 putting green.



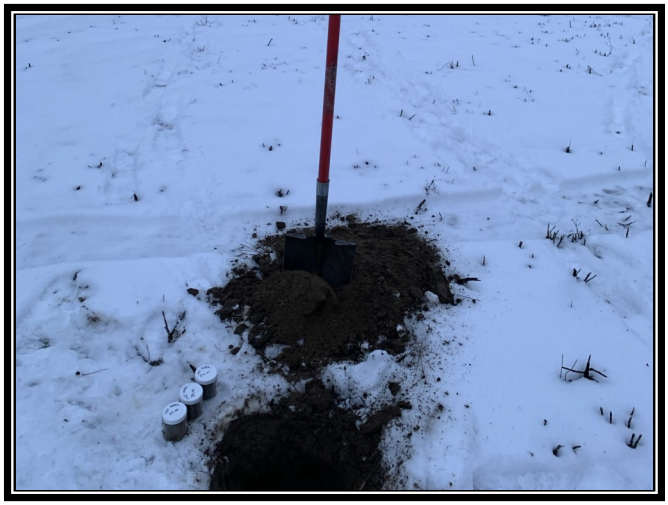
Photograph #31: 12/16/20

View of sample SGC-121620-32 taken from the east central area of the Hole 5 putting green.



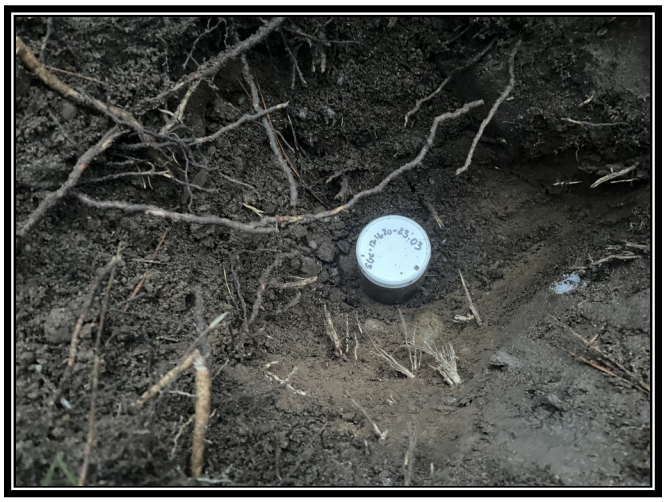
Photograph #32: 12/16/20

View of sample SGC-121620-33 taken from the west central area of the Hole 5 putting green.



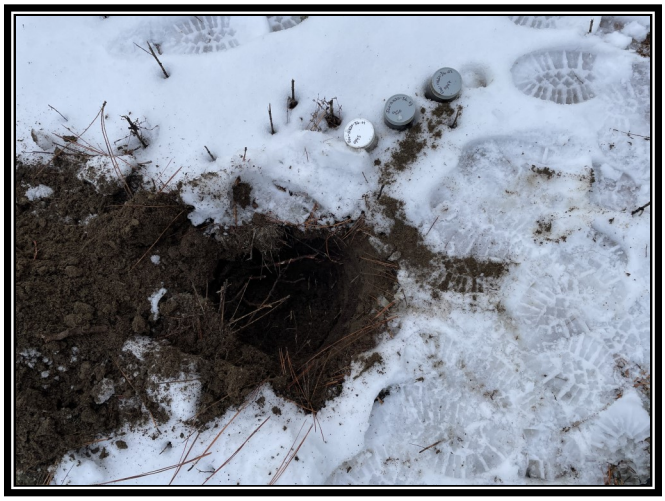
Photograph #33: 12/16/20

View of sample SGC-121620-34 taken from the central area of the Hole 5 putting green.



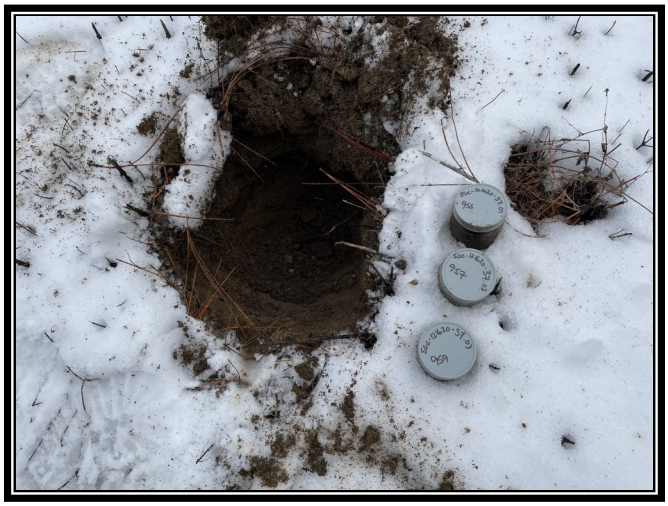
Photograph #34: 12/16/20

View of sample SGC-121620-35 taken from the east central area of the Hole 6 putting green.



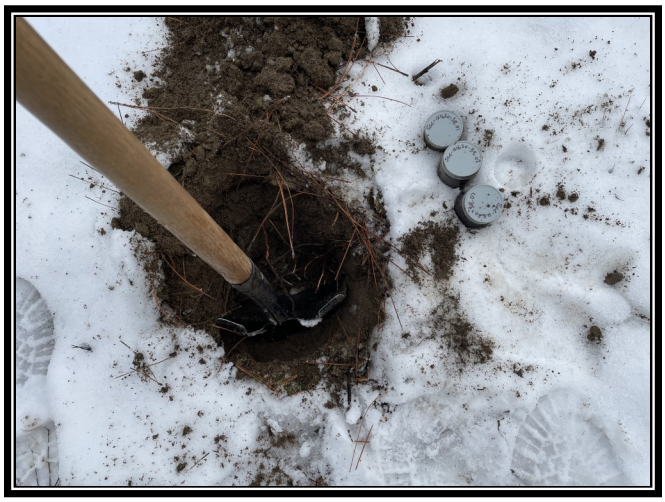
Photograph #35: 12/16/20

View of sample SGC-121620-36 taken from the north central area of the Hole 6 putting green.



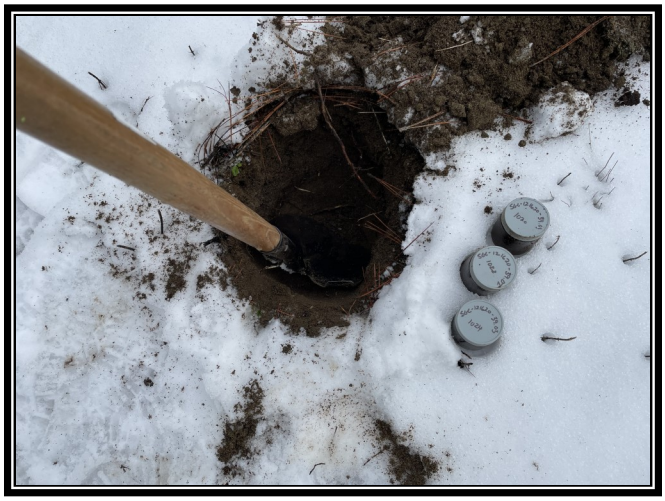
Photograph #36: 12/16/20

View of sample SGC-121620-37 taken from the west central area of the Hole 6 putting green.



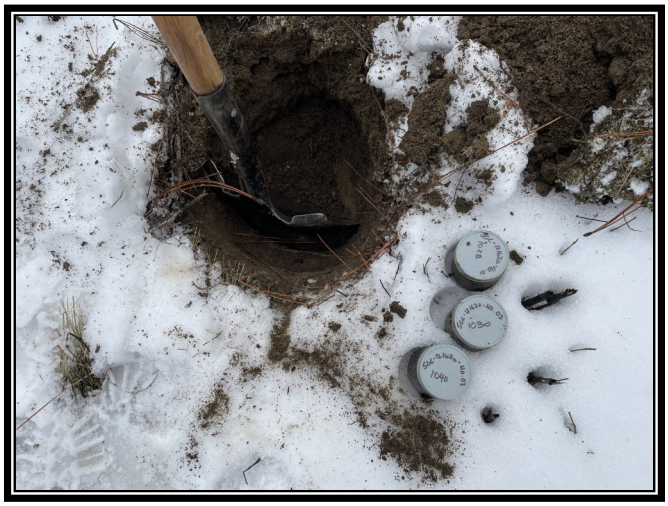
Photograph #37: 12/16/20

View of sample SGC-121620-38 taken from the northwest area of the Hole 7 putting green.



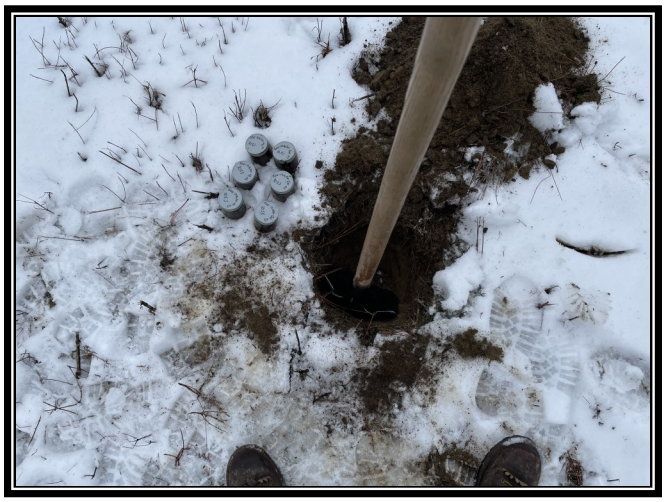
Photograph #38: 12/16/20

View of sample SGC-121620-39 taken from the north central area of the Hole 7 putting green.



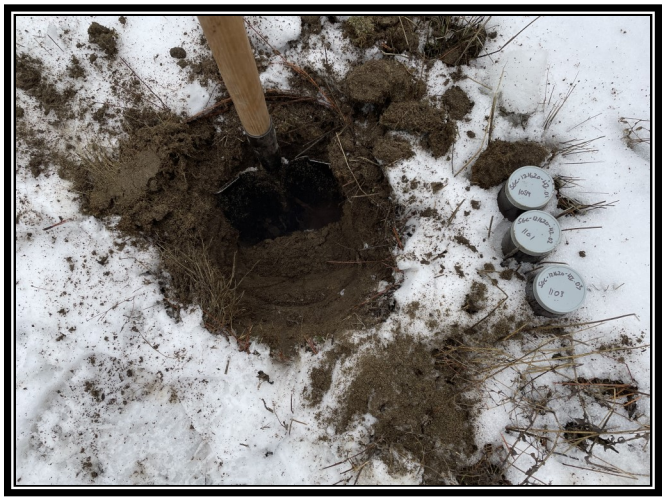
Photograph #39: 12/16/20

View of sample SGC-121620-40 taken from the south central area of the Hole 7 putting green.



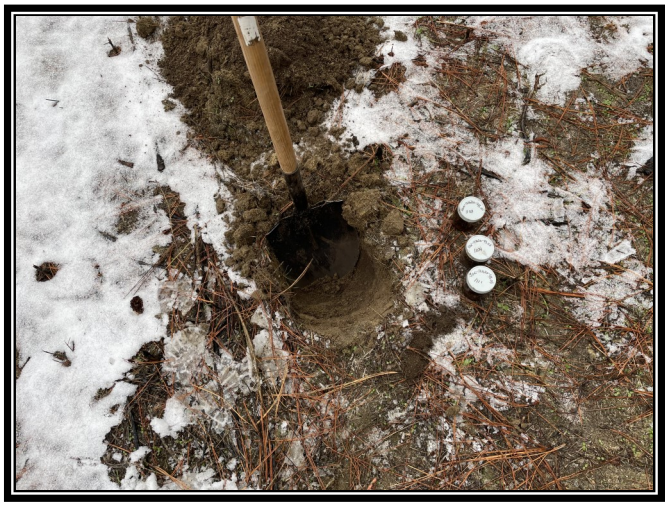
Photograph #40: 12/16/20

View of sample SGC-121620-41 and SGC-121620-301 (duplicate) taken from the east central area of the Hole 8 putting green.



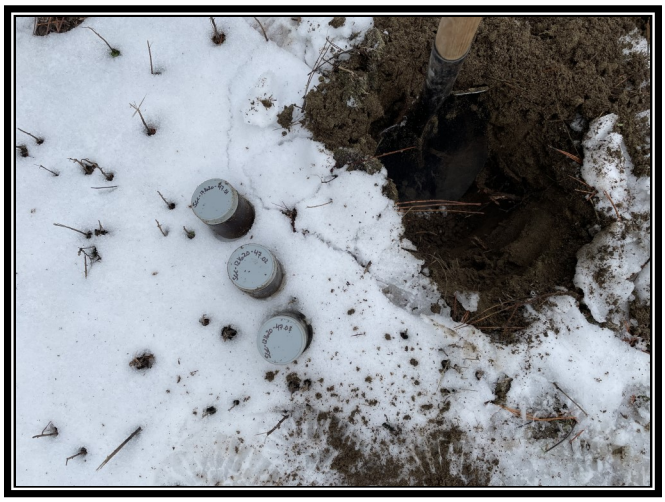
Photograph #41: 12/16/20

View of sample SGC-121620-42 taken from the southwest area of the Hole 8 putting green.



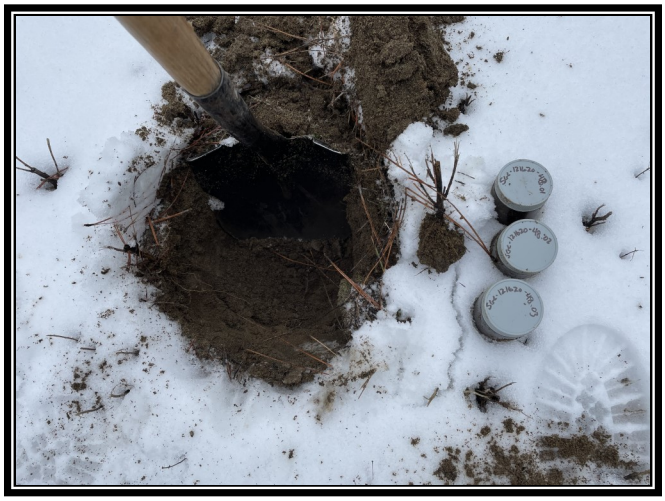
Photograph #42: 12/16/20

View of sample SGC-121620-43 taken from the north central area of the Hole 8 putting green.



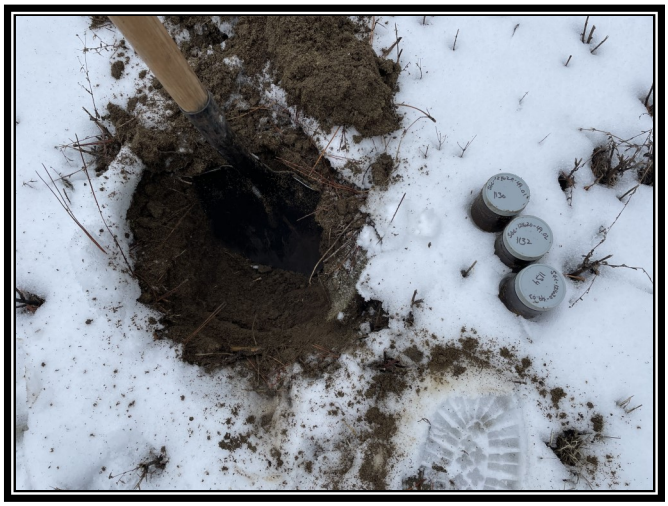
Photograph #43: 12/16/20

View of sample SGC-121620-47 taken from the north central area of the Hole 10 putting green.



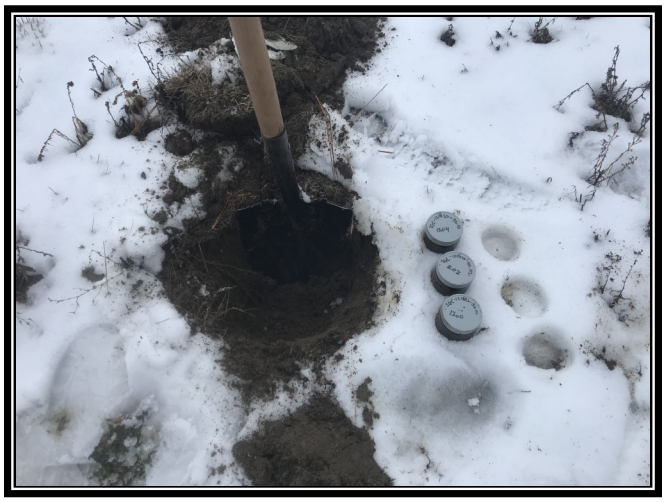
Photograph #44: 12/16/20

View of sample SGC-121620-48 taken from the central area of the Hole 10 putting green.



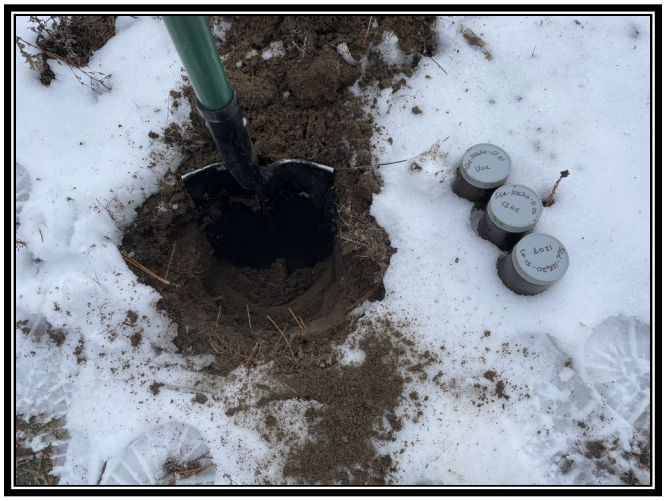
Photograph #45: 12/16/20

View of sample SGC-121620-49 taken from the south central area of the Hole 10 putting green.



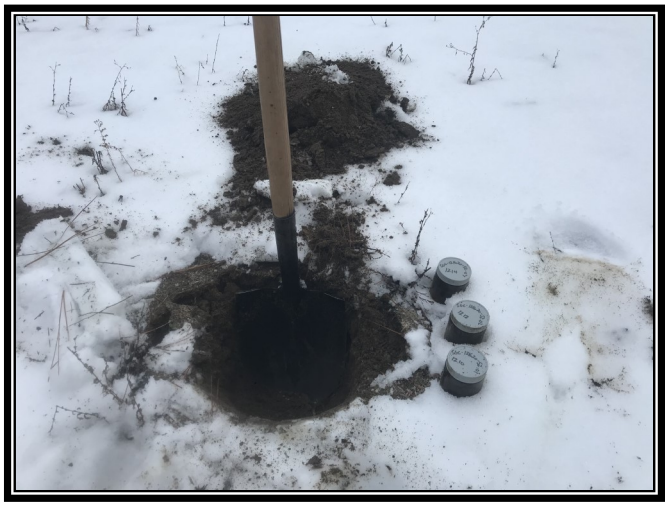
Photograph #46: 12/16/20

View of sample SGC-121620-50 taken from the northwest area of the Hole 11 putting green.



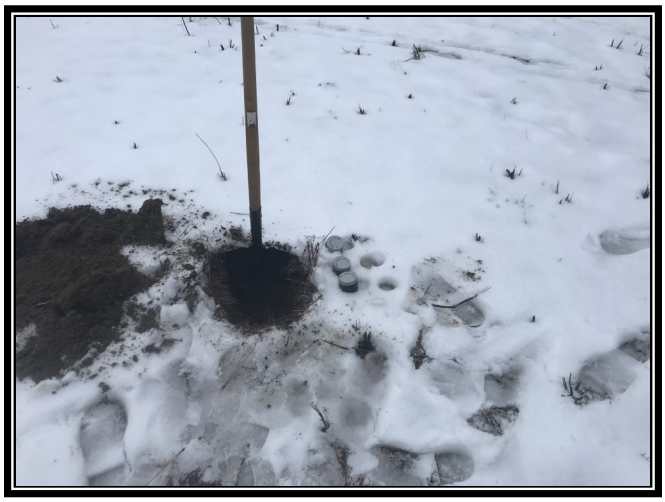
Photograph #47: 12/16/20

View of sample SGC-121620-51 taken from the central area of the Hole 11 putting green.



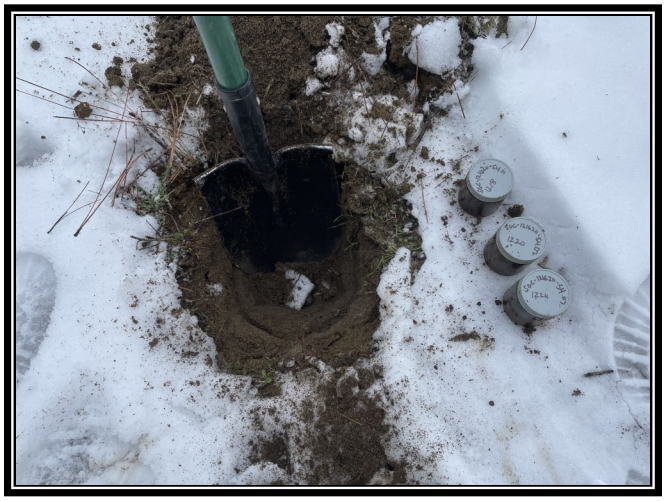
Photograph #48: 12/16/20

View of sample SGC-121620-52 taken from the southeast area of the Hole 11 putting green.



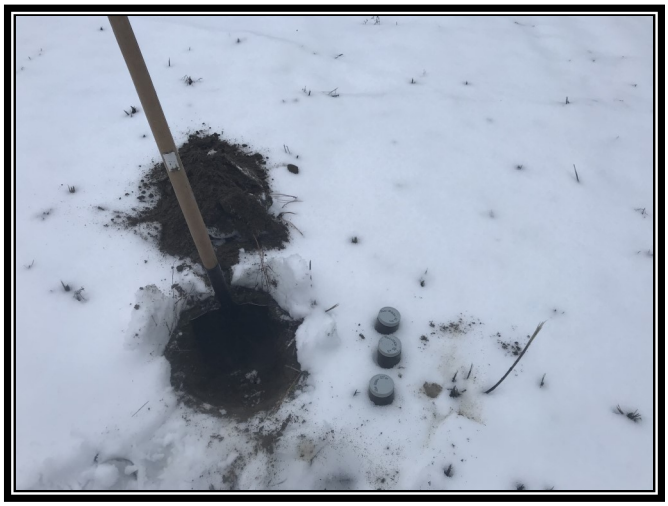
Photograph #49: 12/16/20

View of sample SGC-121620-53 taken from the north central area of the Hole 12 putting green.



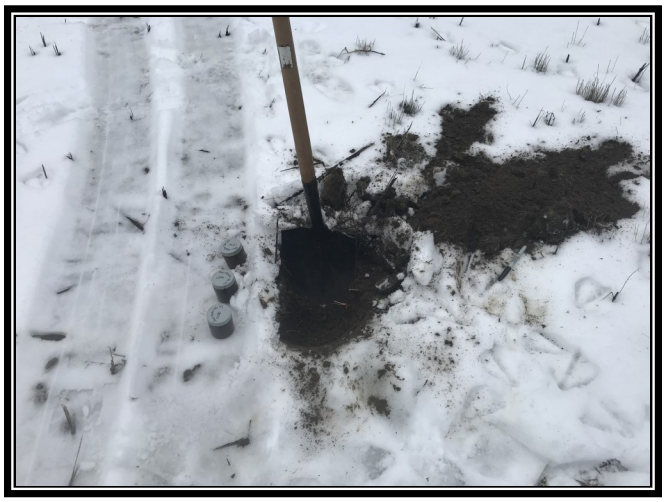
Photograph #50: 12/16/20

View of sample SGC-121620-54 taken from the central area of the Hole 12 putting green.



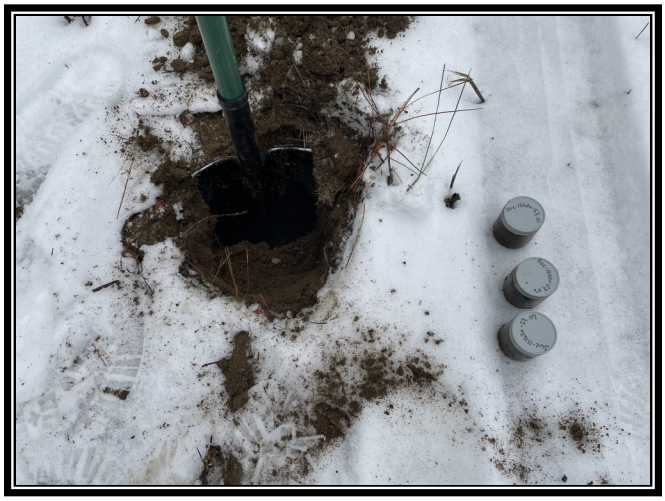
Photograph #51: 12/16/20

View of sample SGC-121620-55 taken from the south central area of the Hole 1 putting green.



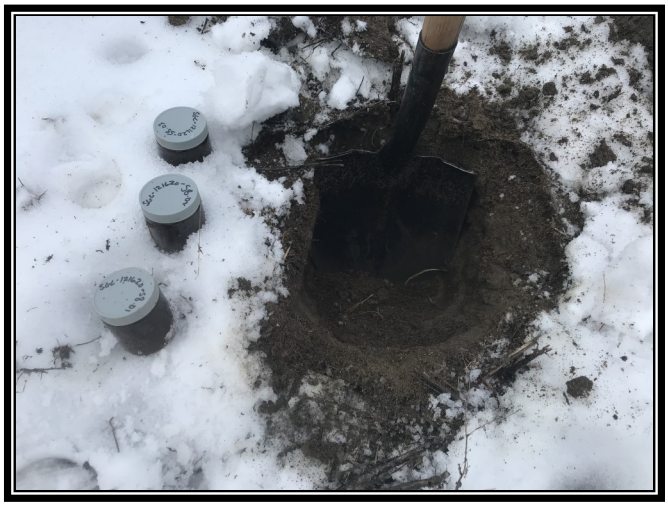
Photograph #52: 12/16/20

View of sample SGC-121620-56 taken from the south central area of the Hole 13 putting green.



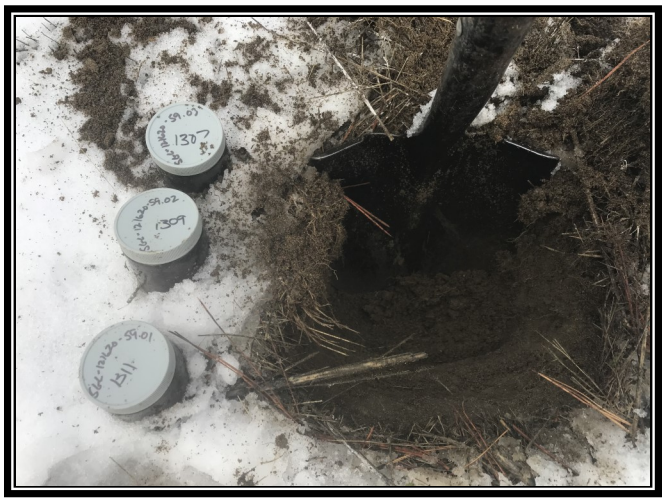
Photograph #53: 12/16/20

View of sample SGC-121620-57 taken from the northwest area of the Hole 13 putting green.



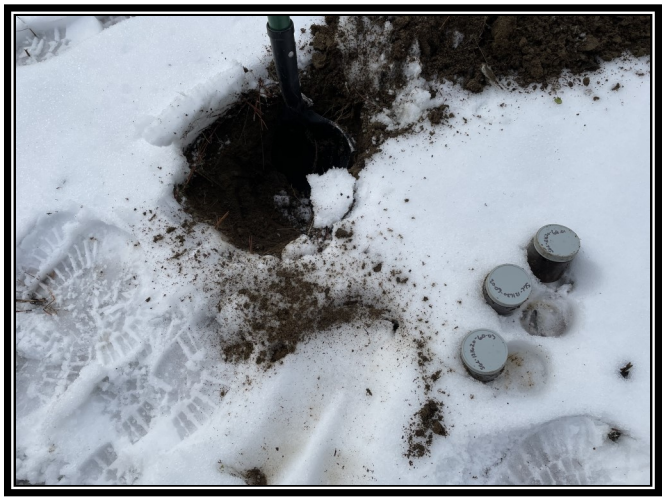
Photograph #54: 12/16/20

View of sample SGC-121620-58 taken from the northeast area of the Hole 13 putting green.



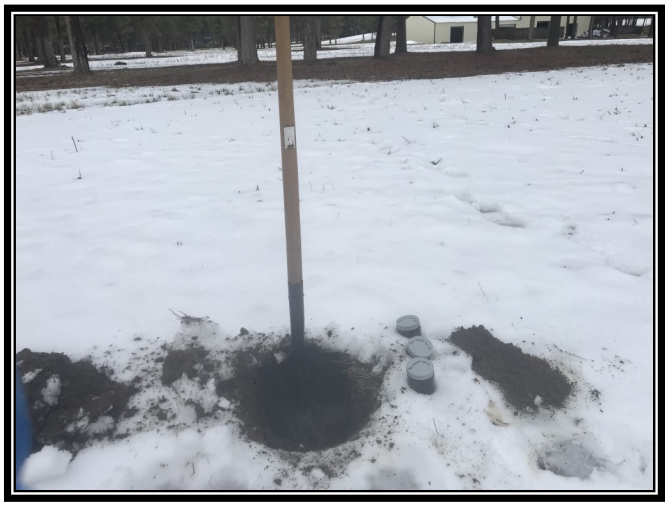
Photograph #55: 12/16/20

View of sample SGC-121620-59 taken from the southeast area of the Hole 14 putting green.



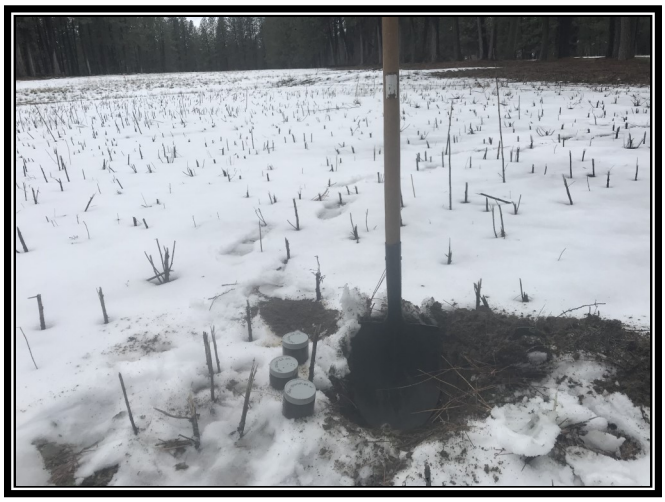
Photograph #56: 12/16/20

View of sample SGC-121620-60 taken from the central area of the Hole 14 putting green.



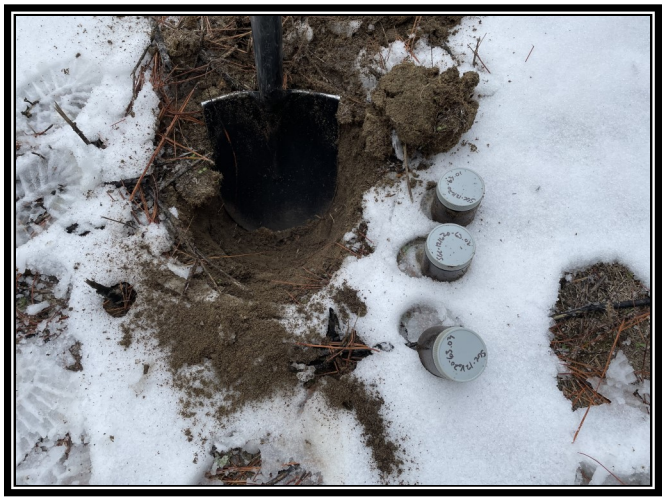
Photograph #57: 12/16/20

View of sample SGC-121620-61 taken from the northwest area of the Hole 14 putting green.



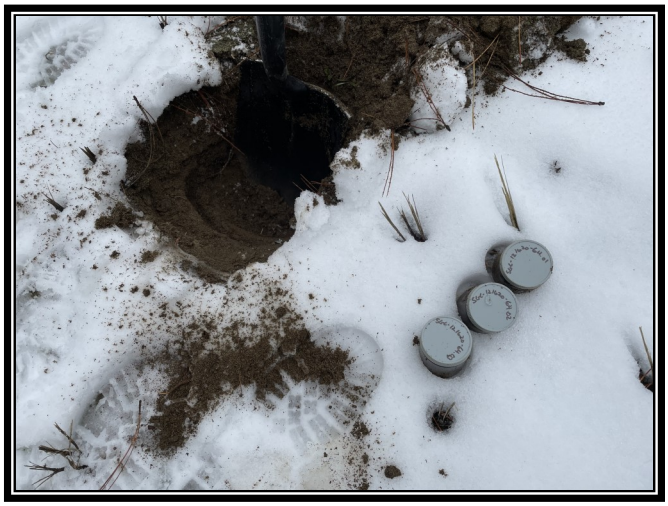
Photograph #58: 12/16/20

View of sample SGC-121620-62 taken from the east central area of the Hole 15 putting green.



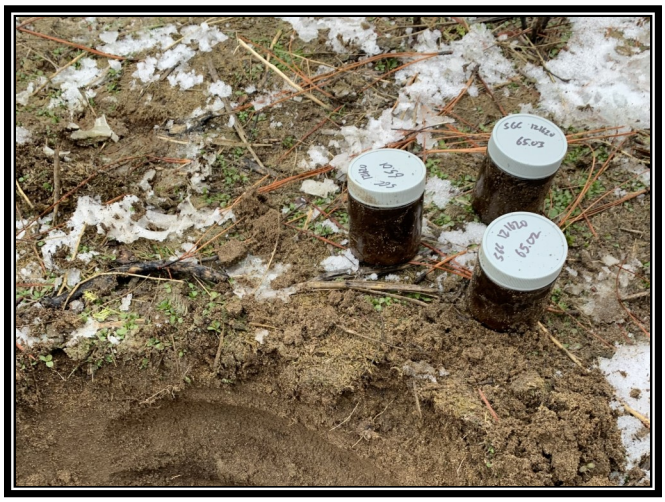
Photograph #59: 12/16/20

View of sample SGC-121620-63 taken from the northwest area of the Hole 15 putting green.



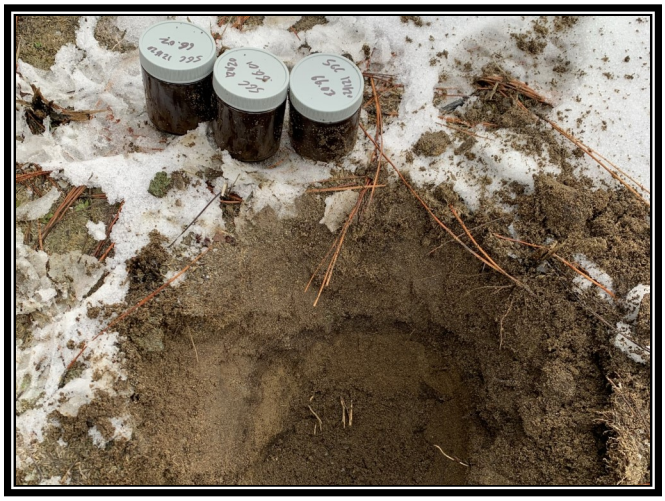
Photograph #60: 12/16/20

View of sample SGC-121620-64 taken from the southwest area of the Hole 15 putting green.



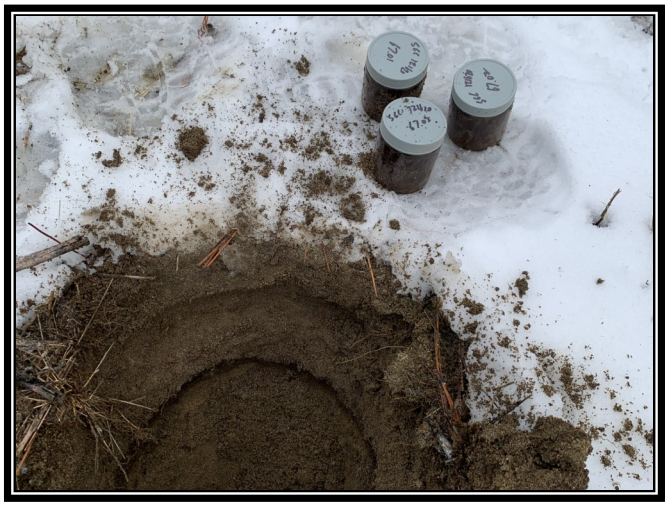
Photograph #61: 12/16/20

View of sample SGC-121620-65 taken from the north central area of the Hole 16 putting green.



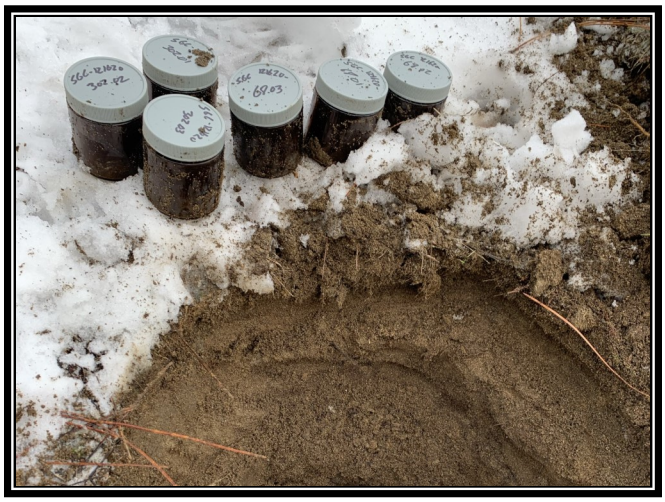
Photograph #62: 12/16/20

View of sample SGC-121620-66 taken from the west central area of the Hole 16 putting green.



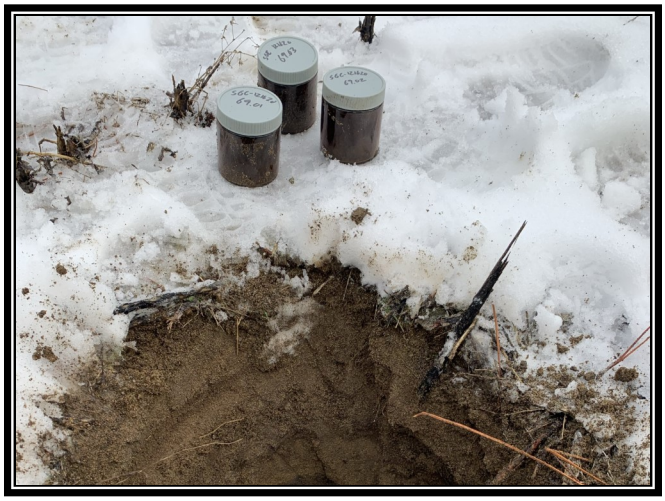
Photograph #63: 12/16/20

View of sample SGC-121620-67 taken from the south central area of the Hole 16 putting green.

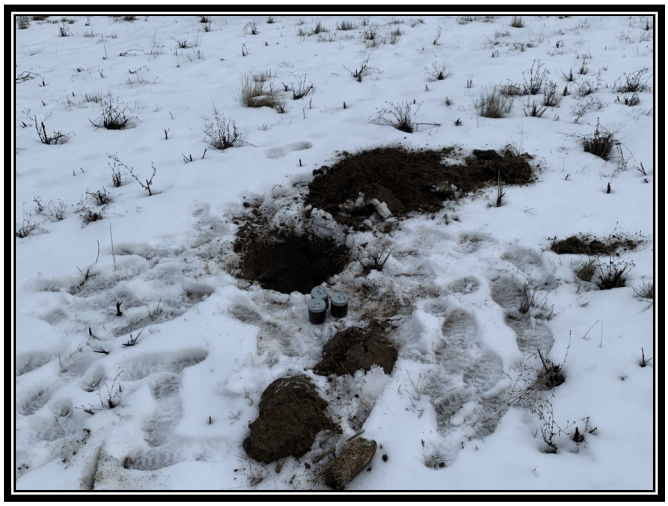


Photograph #64: 12/16/20

View of sample SGC-121620-68 taken from the southeast area of the Hole 17 putting green.

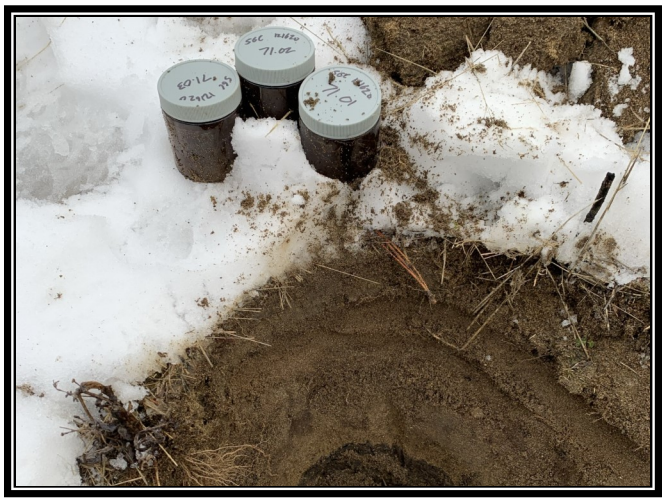


Photograph #65: 12/16/20
69
View of sample SGC-121620-69 taken from the north central area of the Hole 17 putting green.



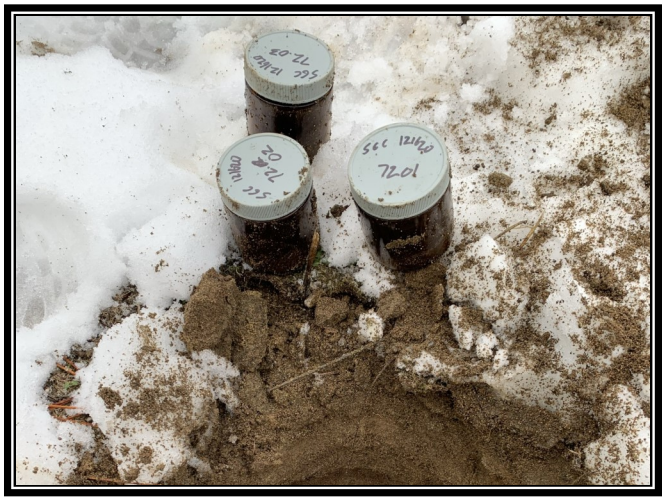
Photograph #66: 12/16/20

View of sample SGC-121620-70 taken from the southwest area of the Hole 17 putting green.



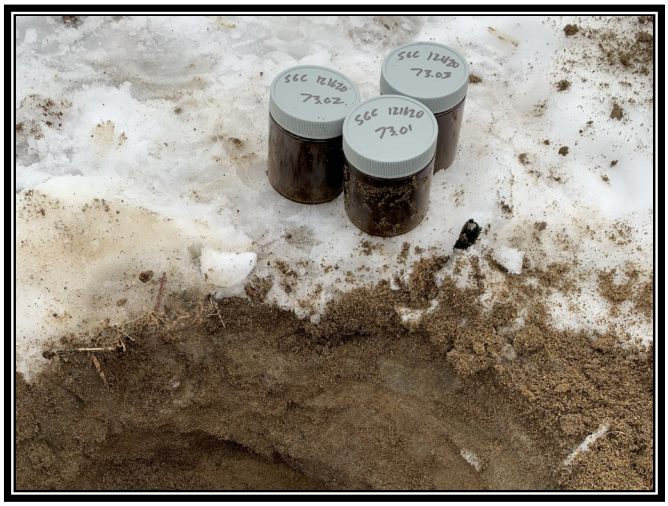
Photograph #67: 12/16/20

View of sample SGC-121620-71 taken from the southeast area of the Hole 18 putting green.



Photograph #68: 12/16/20

View of sample SGC-121620-72 taken from the north central area of the Hole 18 putting green.



Photograph #69: 12/16/20

View of sample SGC-121620-73 taken from the southwest area of the Hole 18 putting green.