

**D.C. Dozer Service LLC**

1403 Fillmore Street  
Sterling, CO 80751  
troutman0231@msn.com

July 13, 2020

Mr. Robert Young  
Colorado Oil and Gas Conservation Commission  
1120 Lincoln Street, STE 801  
Denver, CO 80203

**Re: Pit Closure Summary Letter Report  
Investment Equipment LLC - Operator # 10330  
Chester Kincheloe #1 Tank Battery  
API: 05-121-09205  
Facility ID: 107531  
Legal: SESW Sec 11-3S-R51W**

Dear Mr. Young:

On behalf of Investment Equipment LLC, D.C. Dozer Service has prepared this Pit Closure Summary Letter Report (Report) to document closure activities, sampling activities and the results of environmental testing at the Chester Kincheloe #1 (Site) East and West Pits (Facility ID 107531). GIS Peace LLC provided environmental services at the site that included collection of characterization and confirmation samples, documentation of field activities, generation of Site figures, and review of analytical data as described below.

**Pit Characterization Activities**

The field activities described herein were performed with the purpose of assessing potential hydrocarbon impacts at the Site related to the closure of the Pits. Soil sampling activities, laboratory analytical results, and conclusions are presented below.

Closure activities were initiated on August 16, 2018 with the submittal and approval of the Closure Form 27 (Cogcc Doc # 401735124). Characterization of the Skim Pits (Pits) began on January 20, 2020 with the excavation of the East and West Pits in order to visually assess possible impacts and to collect confirmation soil samples. Photos of the excavations and sample locations are included within the Chester Kincheloe #1 Pit Closure Photo Log (Log).

Four (4) soil samples were collected from the sidewalls and two (2) from the base of the East Pit excavation at approximately 10 and 15 feet below ground surface (bgs), and the West Pit excavation at approximately 5 and 9 feet bgs, respectively. The soil samples were field screened for volatile organic compound (VOC) concentrations using a Photo-ionization Detector (PID) and then submitted to Summit Scientific Laboratory in Golden, Colorado, for analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX), total petroleum hydrocarbons (TPH) –

gasoline range organics (GRO) by United States Environmental Protection Agency (USEPA) Method 8260B, TPH – diesel range organics (DRO) by USEPA Method 8015.

Inorganics soil samples were not collected from Site berms due to deficit of soil at the Site and the need for backfill material at the two Pits, berm soils will be buried below three feet bgs. Imported backfill material was sampled (Topsoil) and analyzed for the Inorganics in soil as per Table 910.

Soil sample locations are illustrated within the attached Figure 2 – Pit Closure Soil Sample Location Map.

## **Results**

Soil analytical results for the samples collected from the West wall of the Eastern Pit (ESPW), the South wall of the Eastern Pit (ESPS), and the East wall of the of the Western Pit (WSPE), on 1/20/2020 exhibited DRO concentrations in exceedance of COGCC Table 910-1 (910). The Topsoil sample Inorganics concentrations comply with Table 910. Soil Organics analytical data is provided within Table 1, and the laboratory analytical reports including soil Inorganics data are provided as Attachment A.

## **Pit Closure Activities**

On February 17, 2020 additional excavation and confirmation soil sampling was performed to remove impacted soils from the failed sample areas listed above and confirmation samples were collected to ensure compliance with Table 910 from the West wall of the Eastern Pit (ESPWR), the South wall of the Eastern Pit (ESPSR), and the East wall of the of the Western Pit (WSPER). Photos of the excavations and sample locations are included within the Chester Kincheloe #1 Pit Closure Photo Log. The three replacement samples exhibited concentrations in compliance with Table 910.

Five loads of excavated material were removed from the site between January 27 and January 31, 2020 following excavation and closure activities bringing the total amount of material removed to five loads weighing approximately 149.42 Tons. Waste disposal manifests are included as Attachment B to this report.

## **Conclusions**

Analytical results described herein confirm that BTEX and TPH impacts are no longer present at concentrations above Table 910 standards at the Chester Kincheloe #1 East and West Skim Pits. Therefore, Investment Equipment LLC requests the COGCC closure of the Pit locations (Facility ID 107531).

Please contact me at (970) 580 - 0062 if you have any questions or need additional information regarding this project.

Sincerely,

Todd Troutman  
D.C. Dozer Service  
(970) 580 - 0062

**Attachments:**

Table 1 – Organics Soil Sample Results Summary Table

Figure 1 – Site Location Map

Figure 2 – Soil Sample Location Map

Attachment A – Laboratory Analytical Reports

Attachment B – Waste Disposal Manifests

Chester Kincheloe #1 Pit Closure Photo Log

**TABLE 1  
INVESTMENT EQUIPMENT LLC  
CHESTER KINCHELOE#1 SKIM PIT CLOSURE  
SOIL ORGANICS ANALYTICAL RESULTS SUMMARY TABLE**

Sample ID	Date Sampled	PID <sup>(1)</sup>	Depth (bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	TPH <sup>(2)</sup> (mg/kg)	ORGANICS PASS/FAIL
<b>COGCC standards for soil (mg/kg) <sup>(3)</sup></b>											
<b>WEST SKIM PIT</b>											
WSPW <sup>(4)</sup>	1/20/2020	0.0	5	<0.0020	<0.0050	<0.0050	<0.010	<0.50	<50	<50	PASS
WSP	1/20/2020	0.0	5	<0.0020	<0.0050	<0.0050	<0.010	<0.50	1,300	1,300	FAIL
WSPER	2/17/2020	0.0	5	<0.0020	<0.0050	<0.0050	<0.010	<0.50	280	280	PASS
WSPN	1/20/2020	0.0	5	<0.0020	<0.0050	0.01	<0.010	<0.50	380	380	PASS
WSPS	1/20/2020	0.0	5	<0.0020	<0.0050	<0.0050	<0.010	<0.50	<50	<50	PASS
WSPB	1/20/2020	0.0	9	<0.0020	<0.0050	<0.0050	<0.010	<0.50	<50	<50	PASS
WSPBW <sup>(5)</sup>	1/20/2020	0.0	9	<0.0020	<0.0050	<0.0050	<0.010	<0.50	<50	<50	PASS
<b>EAST SKIM PIT</b>											
ESPW <sup>(4)</sup>	1/20/2020	1.3	10	<0.0020	<0.0050	<0.0050	<0.010	<0.50	840	840	FAIL
ESPWR <sup>(4)</sup>	2/17/2020	0.0	10	<0.0020	<0.0050	<0.0050	<0.010	<0.50	<50	<50	PASS
ESPE	1/20/2020	0.0	10	<0.0020	<0.0050	<0.0050	<0.010	<0.50	92	92.0	PASS
ESPN	1/20/2020	0.0	10	<0.0020	<0.0050	0.01	<0.010	<0.50	120	120.0	PASS
ESPS	1/20/2020	0.0	10	<0.0020	<0.0050	<0.0050	<0.010	<0.50	1,300	1,300	FAIL
ESPSPR	2/17/2020	0.0	10	<0.0020	<0.0050	<0.0050	<0.010	<0.50	220	220	PASS
ESPB	1/20/2020	0.0	15	<0.0020	<0.0050	<0.0050	<0.010	<0.50	<50	<50	PASS
ESPBW <sup>(5)</sup>	1/20/2020	0.0	15	<0.0020	<0.0050	<0.0050	<0.010	<0.50	200	<50	PASS

**TABLE 1**  
**INVESTMENT EQUIPMENT LLC**  
**CHESTER KINCHELOE#1 SKIM PIT CLOSURE**  
**SOIL ORGANICS ANALYTICAL RESULTS SUMMARY TABLE**

Sample ID	Date Sampled	PID <sup>(1)</sup>	Depth (bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	TPH <sup>(2)</sup> (mg/kg)	ORGANICS PASS/FAIL
<b>COGCC standards for soil (mg/kg)<sup>(3)</sup></b>											
				0.17	85	100	175	500	500	500	

**Notes:**

1. PID = Photo-ionization detector
  2. TPH - Total volatile and extractable petroleum hydrocarbons. Value calculated by adding GRO and DRO concentrations.
  3. Standards for soil are taken from 2 CCR 404-1, Table 910-1, effective January 30, 2015.
  4. WSPW - West Skim Pit West Wall - ESPW - East Skim Pit West Wall - ESPWR - East Skim Pit West Wall Resample following additional excavation.
  5. WSPBW - West Skim Pit Base West - ESPWB - East Skim Pit Base West
- COGCC = Colorado Oil and Gas Conservation Commission  
(<) = Analytical result is less than the indicated laboratory reporting limit.  
GRO = Total volatile petroleum hydrocarbons - gasoline range organics  
DRO = Total extractable petroleum hydrocarbons - diesel range organics  
mg/kg = Milligrams per kilogram  
bgs = Below ground surface  
**BOLD** = Analytical result is in exceedance of COGCC Table 910-1 soil standards.

# Summit Scientific

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4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

January 28, 2020

Carter Peace

GIS Peace

2951 Niagara St

Denver, CO 80207

RE: Chester Kincheloe #1

Work Order #2001219

Enclosed are the results of analyses for samples received by Summit Scientific on 01/20/20 19:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Muri Premer".

Muri Premer For Paul Shrewsbury

President

S<sub>2</sub>

GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

**Reported:**  
01/28/20 09:12

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CK01	2001219-01	Soil	01/20/20 00:00	01/20/20 19:00
CK02	2001219-02	Soil	01/20/20 00:00	01/20/20 19:00
CK03	2001219-03	Soil	01/20/20 00:00	01/20/20 19:00
CK04	2001219-04	Soil	01/20/20 00:00	01/20/20 19:00
CK05	2001219-05	Soil	01/20/20 00:00	01/20/20 19:00
CK06	2001219-06	Soil	01/20/20 00:00	01/20/20 19:00
CK07	2001219-07	Soil	01/20/20 00:00	01/20/20 19:00
CK08	2001219-08	Soil	01/20/20 00:00	01/20/20 19:00
CK09	2001219-09	Soil	01/20/20 00:00	01/20/20 19:00
CK10	2001219-10	Soil	01/20/20 00:00	01/20/20 19:00
CK11	2001219-11	Soil	01/20/20 00:00	01/20/20 19:00
CK12	2001219-12	Soil	01/20/20 00:00	01/20/20 19:00
CK13	2001219-13	Soil	01/20/20 00:00	01/20/20 19:00
CK14	2001219-14	Soil	01/20/20 00:00	01/20/20 19:00
CK15	2001219-15	Soil	01/20/20 00:00	01/20/20 19:00
CKTB01	2001219-16	Soil	01/20/20 00:00	01/20/20 19:00
CKTB02	2001219-17	Soil	01/20/20 00:00	01/20/20 19:00
CKWT	2001219-18	Soil	01/20/20 00:00	01/20/20 19:00
CKET	2001219-19	Soil	01/20/20 00:00	01/20/20 19:00
ESPW	2001219-20	Soil	01/20/20 00:00	01/20/20 19:00
ESPE	2001219-21	Soil	01/20/20 00:00	01/20/20 19:00
ESPN	2001219-22	Soil	01/20/20 00:00	01/20/20 19:00
ESPS	2001219-23	Soil	01/20/20 00:00	01/20/20 19:00
ESPB	2001219-24	Soil	01/20/20 00:00	01/20/20 19:00
WSPE	2001219-25	Soil	01/20/20 00:00	01/20/20 19:00
WSPW	2001219-26	Soil	01/20/20 00:00	01/20/20 19:00
WSPN	2001219-27	Soil	01/20/20 00:00	01/20/20 19:00

Summit Scientific

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



S<sub>2</sub>

GIS Peace 2951 Niagara St Denver CO, 80207	Project: Chester Kincheloe #1 Project Number: [none] Project Manager: Carter Peace	<b>Reported:</b> 01/28/20 09:12
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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WSPS	2001219-28	Soil	01/20/20 00:00	01/20/20 19:00
WSPB	2001219-29	Soil	01/20/20 00:00	01/20/20 19:00

Summit Scientific

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# Summit Scientific



741 Corporate Circle Suite 1 ♦ Golden, Colorado 80401  
303-277-9310 ♦ 303-374-5933 Fax

Page 2 of 3

Client: GIS PEARL  
Address: \_\_\_\_\_  
City/State/Zip: \_\_\_\_\_  
Phone: 303 854 7337 Fax: \_\_\_\_\_  
Sampler Name: \_\_\_\_\_

Project Manager: C. PEARL  
E-Mail: \_\_\_\_\_  
Project Name: \_\_\_\_\_  
Project Number: \_\_\_\_\_

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix			Analyze For:				Special Instructions	Notes:		
				HCl	HNO <sub>3</sub>	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	GHSTX 8200	D20 8015	PH			EC	SAR
CK11	1/20/20		1			X				X								
CK12																		
CK13																		
CK14																		
CK15																		
CKTB01																		
CKTB02																		
CKWT																		
CKRT																		
ESPN																		
Relinquished by:	Date/Time: _____		Date/Time: _____		Received by: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____	
Relinquished by:	Date/Time: _____		Date/Time: _____		Received by: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____	
Relinquished by:	Date/Time: _____		Date/Time: _____		Received by: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____	

# Summit Scientific

001219.3

741 Corporate Circle Suite 1 ♦ Golden, Colorado 80401  
303-277-9310 ♦ 303-374-5933 Fax

Page 3 of 3

Client: GAS PERAE

Project Manager: C. PERAE

Address: \_\_\_\_\_

E-Mail: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Project Name: \_\_\_\_\_

Phone: 303 850 7337 Fax: \_\_\_\_\_

Project Number: \_\_\_\_\_

Sampler Name: \_\_\_\_\_

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix			Analyze For:				Special Instructions	Notes:		
				HCl	HNO <sub>3</sub>	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	Turn Around Time (Check)	72 Hours	Standard				
ESPE	1/20/20		1			X				X								
ESPN																		
ESPS																		
ESPB																		
WSP E																		
WSP W																		
WSP N																		
WSP S																		
WSP B																		
Relinquished by:	Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____	
Relinquished by:	Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____	
Relinquished by:	Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____		Date/Time: _____	

**Sample Receipt Checklist**

S2 Work Order 2001219

Client: GTS PEACE Client Project ID: Chester Kinchloe #1

Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other \_\_\_\_\_ Airbill #: \_\_\_\_\_

Matrix (check all that apply):  Air  Soil/Solid  Water  Other: \_\_\_\_\_  
(Describe)

Temp (°C)	
-----------	--

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C <sup>(1)</sup> ? NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.	<input checked="" type="checkbox"/>			
Were all samples received intact <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
If custody seals are present, are they intact <sup>(1)</sup> ?			<input checked="" type="checkbox"/>	
Are samples with holding times due within 48 hours sample due within 48 hours present?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) form present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client w/ date and time recorded <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace present? <b>If yes, contact client and note in narrative.</b>			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) <sup>(1)</sup> ? Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect			<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2 <sup>(1)</sup> ? Record the pH in Comments.			<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?			<input checked="" type="checkbox"/>	

Additional Comments (if any):

<sup>(1)</sup> If NO, then contact the client before proceeding with analysis and note in case narrative.

Logan Stuever Signature of Custodian 10/20/20 <sup>7:00</sup>  
Date/Time

S<sub>2</sub>

GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**CK01**  
**2001219-01 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2001277	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		127 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		111 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		110 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	100	50	mg/kg	1	2001279	01/21/20	01/21/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		102 %	30-150		"	"	"	"	

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	681	10.8	mg/kg dry	1	2001284	01/21/20	01/21/20	EPA 6020B	
Magnesium	152	5.42	"	"	"	"	"	"	

Summit Scientific

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



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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**CK01**  
**2001219-01 (Soil)**

**Summit Scientific**

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Sodium	34.6	5.42	mg/kg dry	1	2001284	01/21/20	01/21/20	EPA 6020B
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**Calculated Analysis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.312	0.100	units	1	2001307	01/22/20	01/22/20	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	92.2		%	1	2001293	01/22/20	01/22/20	Calculation	
pH	8.09		pH Units	"	2001295	01/22/20	01/22/20	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.319	0.0100	mmhos/cm	1	2001294	01/22/20	01/22/20	EPA 120.1	

Summit Scientific

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**CK02**  
**2001219-02 (Soil)**

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2001277	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		124 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		107 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		111 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	170	50	mg/kg	1	2001279	01/21/20	01/21/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		110 %	30-150		"	"	"	"	

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	595	10.9	mg/kg dry	1	2001284	01/21/20	01/21/20	EPA 6020B	
Magnesium	197	5.46	"	"	"	"	"	"	
Sodium	69.7	5.46	"	"	"	"	"	"	

Summit Scientific

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



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GIS Peace 2951 Niagara St Denver CO, 80207	Project: Chester Kincheloe #1 Project Number: [none] Project Manager: Carter Peace	Reported: 01/28/20 09:12
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**CK02**  
**2001219-02 (Soil)**

Summit Scientific

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

**Calculated Analysis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.633	0.100	units	1	2001307	01/22/20	01/22/20	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	91.5		%	1	2001293	01/22/20	01/22/20	Calculation	
pH	8.02		pH Units	"	2001295	01/22/20	01/22/20	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.449	0.0100	mmhos/cm	1	2001294	01/22/20	01/22/20	EPA 120.1	

Summit Scientific

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



S<sub>2</sub>

GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**CK03**  
**2001219-03 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2001277	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		109 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		108 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		111 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	270	50	mg/kg	1	2001279	01/21/20	01/21/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		110 %	30-150		"	"	"	"	

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	1760	11.7	mg/kg dry	1	2001284	01/21/20	01/21/20	EPA 6020B	
Magnesium	464	5.87	"	"	"	"	"	"	
Sodium	70.2	5.87	"	"	"	"	"	"	

Summit Scientific

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GIS Peace 2951 Niagara St Denver CO, 80207	Project: Chester Kincheloe #1 Project Number: [none] Project Manager: Carter Peace	Reported: 01/28/20 09:12
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**CK03**  
**2001219-03 (Soil)**

**Summit Scientific**

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

**Calculated Analysis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.385	0.100	units	1	2001307	01/22/20	01/22/20	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	85.2		%	1	2001293	01/22/20	01/22/20	Calculation	
pH	8.04		pH Units	"	2001295	01/22/20	01/22/20	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.296	0.0100	mmhos/cm	1	2001294	01/22/20	01/22/20	EPA 120.1	

Summit Scientific

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**CK04**  
**2001219-04 (Soil)**

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2001277	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		109 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		106 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	460	50	mg/kg	1	2001279	01/21/20	01/21/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		131 %	30-150		"	"	"	"	

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	631	11.1	mg/kg dry	1	2001284	01/21/20	01/21/20	EPA 6020B	
Magnesium	281	5.55	"	"	"	"	"	"	
Sodium	103	5.55	"	"	"	"	"	"	

Summit Scientific

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**CK04**  
**2001219-04 (Soil)**

Summit Scientific

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

**Calculated Analysis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.857	0.100	units	1	2001307	01/22/20	01/22/20	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	90.0		%	1	2001293	01/22/20	01/22/20	Calculation	
pH	8.05		pH Units	"	2001295	01/22/20	01/22/20	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.339	0.0100	mmhos/cm	1	2001294	01/22/20	01/22/20	EPA 120.1	

Summit Scientific

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

CK05  
2001219-05 (Soil)

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	2001277	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		113 %	23-173	"	"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		110 %	21-167	"	"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	2001279	01/21/20	01/21/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		96.4 %	30-150	"	"	"	"	"	

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	385	10.6	mg/kg dry	1	2001284	01/21/20	01/21/20	EPA 6020B	
Magnesium	88.6	5.28	"	"	"	"	"	"	
Sodium	31.1	5.28	"	"	"	"	"	"	

Summit Scientific

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S<sub>2</sub>

GIS Peace 2951 Niagara St Denver CO, 80207	Project: Chester Kincheloe #1 Project Number: [none] Project Manager: Carter Peace	Reported: 01/28/20 09:12
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**CK05**  
**2001219-05 (Soil)**

**Summit Scientific**

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

**Calculated Analysis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.372	0.100	units	1	2001307	01/22/20	01/22/20	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	94.6		%	1	2001293	01/22/20	01/22/20	Calculation	
pH	8.26		pH Units	"	2001295	01/22/20	01/22/20	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.320	0.0100	mmhos/cm	1	2001294	01/22/20	01/22/20	EPA 120.1	

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**CK06**  
**2001219-06 (Soil)**

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	2001277	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		113 %	23-173	"	"	"	"	"	
Surrogate: Toluene-d8		108 %	20-170	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %	21-167	"	"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	1800	50	mg/kg	1	2001279	01/21/20	01/21/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		205 %	30-150	"	"	"	"	"	S-02

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	1370	11.5	mg/kg dry	1	2001284	01/21/20	01/21/20	EPA 6020B	
Magnesium	423	5.75	"	"	"	"	"	"	
Sodium	95.5	5.75	"	"	"	"	"	"	

Summit Scientific

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**CK06**  
2001219-06 (Soil)

Summit Scientific

Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis

Calculated Analysis

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.578	0.100	units	1	2001307	01/22/20	01/22/20	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	86.9		%	1	2001293	01/22/20	01/22/20	Calculation	
pH	8.00		pH Units	"	2001295	01/22/20	01/22/20	EPA 9045D	

Specific Conductance by EPA Method 120.1

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.441	0.0100	mmhos/cm	1	2001294	01/22/20	01/22/20	EPA 120.1	

Summit Scientific

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**CK07**  
**2001219-07 (Soil)**

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2001277	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		116 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		111 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	2001279	01/21/20	01/22/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		104 %	30-150		"	"	"	"	

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	1480	12.0	mg/kg dry	1	2001284	01/21/20	01/21/20	EPA 6020B	
Magnesium	426	6.00	"	"	"	"	"	"	
Sodium	103	6.00	"	"	"	"	"	"	

Summit Scientific

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

CK07

2001219-07 (Soil)

Summit Scientific

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

**Calculated Analysis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.607	0.100	units	1	2001307	01/22/20	01/22/20	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	83.4		%	1	2001293	01/22/20	01/22/20	Calculation	
pH	8.07		pH Units	"	2001295	01/22/20	01/22/20	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.352	0.0100	mmhos/cm	1	2001294	01/22/20	01/22/20	EPA 120.1	

Summit Scientific

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**CK08**  
**2001219-08 (Soil)**

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	2001277	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		117 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		107 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	2001279	01/21/20	01/22/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		102 %	30-150		"	"	"	"	

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	919	11.1	mg/kg dry	1	2001284	01/21/20	01/21/20	EPA 6020B	
Magnesium	241	5.56	"	"	"	"	"	"	
Sodium	6.25	5.56	"	"	"	"	"	"	

Summit Scientific

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

CK08  
2001219-08 (Soil)

Summit Scientific

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

**Calculated Analysis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	ND	0.100	units	1	2001307	01/22/20	01/22/20	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	90.0		%	1	2001293	01/22/20	01/22/20	Calculation	
pH	8.01		pH Units	"	2001295	01/22/20	01/22/20	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.449	0.0100	mmhos/cm	1	2001294	01/22/20	01/22/20	EPA 120.1	

Summit Scientific

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



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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**CK09**  
2001219-09 (Soil)

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	2001277	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
<b>Gasoline Range Hydrocarbons</b>	<b>0.53</b>	<b>0.50</b>	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		125 %	23-173	"	"	"	"	"	
Surrogate: Toluene-d8		112 %	20-170	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		110 %	21-167	"	"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<b>C10-C28 (DRO)</b>	<b>2500</b>	<b>50</b>	<b>mg/kg</b>	<b>1</b>	<b>2001279</b>	<b>01/21/20</b>	<b>01/22/20</b>	<b>EPA 8015M</b>	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		388 %	30-150	"	"	"	"	"	S-02

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	1760	10.7	mg/kg dry	1	2001284	01/21/20	01/21/20	EPA 6020B	
Magnesium	216	5.33	"	"	"	"	"	"	
Sodium	69.0	5.33	"	"	"	"	"	"	

Summit Scientific

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GIS Peace 2951 Niagara St Denver CO, 80207	Project: Chester Kincheloe #1 Project Number: [none] Project Manager: Carter Peace	Reported: 01/28/20 09:12
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**CK09**  
**2001219-09 (Soil)**

Summit Scientific

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

**Calculated Analysis**

Date Sampled: **01/20/20 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	0.413	0.100	units	1	2001307	01/22/20	01/22/20	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **01/20/20 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	93.8		%	1	2001293	01/22/20	01/22/20	Calculation	
pH	8.17		pH Units	"	2001295	01/22/20	01/22/20	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: **01/20/20 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Specific Conductance (EC)	0.614	0.0100	mmhos/cm	1	2001294	01/22/20	01/22/20	EPA 120.1	

Summit Scientific

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**CK10**  
**2001219-10 (Soil)**

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	2001277	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		109 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		107 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	350	50	mg/kg	1	2001279	01/21/20	01/22/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		111 %	30-150		"	"	"	"	

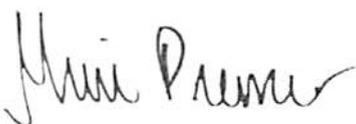
**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	3050	11.3	mg/kg dry	1	2001284	01/21/20	01/21/20	EPA 6020B	
Magnesium	190	5.66	"	"	"	"	"	"	
Sodium	17.7	5.66	"	"	"	"	"	"	

Summit Scientific

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**CK10**  
**2001219-10 (Soil)**

Summit Scientific

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

**Calculated Analysis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	ND	0.100	units	1	2001307	01/22/20	01/22/20	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	88.3		%	1	2001293	01/22/20	01/22/20	Calculation	
pH	8.21		pH Units	"	2001295	01/22/20	01/22/20	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.349	0.0100	mmhos/cm	1	2001294	01/22/20	01/22/20	EPA 120.1	

Summit Scientific

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

CK11  
2001219-11 (Soil)

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	2001277	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		128 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		108 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		112 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	2001279	01/21/20	01/22/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		97.9 %	30-150		"	"	"	"	

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	956	10.9	mg/kg dry	1	2001284	01/21/20	01/21/20	EPA 6020B	
Magnesium	249	5.47	"	"	"	"	"	"	
Sodium	24.5	5.47	"	"	"	"	"	"	

Summit Scientific

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**CK11**  
**2001219-11 (Soil)**

Summit Scientific

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

**Calculated Analysis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.183	0.100	units	1	2001307	01/22/20	01/22/20	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	91.4		%	1	2001293	01/22/20	01/22/20	Calculation	
pH	8.04		pH Units	"	2001295	01/22/20	01/22/20	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.405	0.0100	mmhos/cm	1	2001294	01/22/20	01/22/20	EPA 120.1	

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**CK12**  
**2001219-12 (Soil)**

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2001277	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		116 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		106 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		111 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	2001279	01/21/20	01/22/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		100 %	30-150		"	"	"	"	

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	2170	11.4	mg/kg dry	1	2001284	01/21/20	01/21/20	EPA 6020B	
Magnesium	284	5.69	"	"	"	"	"	"	
Sodium	23.4	5.69	"	"	"	"	"	"	

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**CK12**  
**2001219-12 (Soil)**

Summit Scientific

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

**Calculated Analysis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.125	0.100	units	1	2001307	01/22/20	01/22/20	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	87.9		%	1	2001293	01/22/20	01/22/20	Calculation	
pH	8.24		pH Units	"	2001295	01/22/20	01/22/20	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.376	0.0100	mmhos/cm	1	2001294	01/22/20	01/22/20	EPA 120.1	

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**CK13**  
**2001219-13 (Soil)**

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2001277	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		136 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		106 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		115 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	2001279	01/21/20	01/22/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		107 %	30-150		"	"	"	"	

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	1320	11.4	mg/kg dry	1	2001284	01/21/20	01/21/20	EPA 6020B	
Magnesium	326	5.72	"	"	"	"	"	"	
Sodium	30.1	5.72	"	"	"	"	"	"	

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**CK13**  
**2001219-13 (Soil)**

Summit Scientific

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

**Calculated Analysis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.192	0.100	units	1	2001307	01/22/20	01/22/20	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	87.4		%	1	2001293	01/22/20	01/22/20	Calculation	
pH	8.22		pH Units	"	2001295	01/22/20	01/22/20	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.301	0.0100	mmhos/cm	1	2001294	01/22/20	01/22/20	EPA 120.1	

Summit Scientific

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**CK14**  
**2001219-14 (Soil)**

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	2001277	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		116 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		110 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	2001279	01/21/20	01/22/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		101 %	30-150		"	"	"	"	

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	730	11.7	mg/kg dry	1	2001284	01/21/20	01/21/20	EPA 6020B	
Magnesium	278	5.84	"	"	"	"	"	"	
Sodium	63.2	5.84	"	"	"	"	"	"	

Summit Scientific

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



S<sub>2</sub>

GIS Peace 2951 Niagara St Denver CO, 80207	Project: Chester Kincheloe #1 Project Number: [none] Project Manager: Carter Peace	Reported: 01/28/20 09:12
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**CK14**  
**2001219-14 (Soil)**

Summit Scientific

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

**Calculated Analysis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.505	0.100	units	1	2001307	01/22/20	01/22/20	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	85.6		%	1	2001293	01/22/20	01/22/20	Calculation	
pH	7.99		pH Units	"	2001295	01/22/20	01/22/20	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.439	0.0100	mmhos/cm	1	2001294	01/22/20	01/22/20	EPA 120.1	

Summit Scientific

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**CK15**  
**2001219-15 (Soil)**

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2001277	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.68	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		115 %	23-173	"	"	"	"	"	
Surrogate: Toluene-d8		110 %	20-170	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	21-167	"	"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	2400	50	mg/kg	1	2001279	01/21/20	01/22/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		351 %	30-150	"	"	"	"	"	S-02

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	4790	11.0	mg/kg dry	1	2001284	01/21/20	01/21/20	EPA 6020B	
Magnesium	235	5.52	"	"	"	"	"	"	
Sodium	41.0	5.52	"	"	"	"	"	"	

Summit Scientific

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**CK15**  
**2001219-15 (Soil)**

Summit Scientific

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

**Calculated Analysis**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.157	0.100	units	1	2001307	01/22/20	01/22/20	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	90.6		%	1	2001293	01/22/20	01/22/20	Calculation	
pH	8.37		pH Units	"	2001295	01/22/20	01/22/20	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.468	0.0100	mmhos/cm	1	2001294	01/22/20	01/22/20	EPA 120.1	

Summit Scientific

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1

Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**CKTB01**  
**2001219-16 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2001277	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		106 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		107 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		117 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	2001279	01/21/20	01/22/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		108 %	30-150		"	"	"	"	

Summit Scientific

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



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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

CKTB02  
2001219-17 (Soil)

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2001277	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		127 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		106 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		113 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	2001279	01/21/20	01/22/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		100 %	30-150		"	"	"	"	

Summit Scientific

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



S<sub>2</sub>

GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**CKWT**  
**2001219-18 (Soil)**

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2001277	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
<b>Gasoline Range Hydrocarbons</b>	<b>0.50</b>	<b>0.50</b>	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		115 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		106 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		131 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	2001279	01/21/20	01/22/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		99.1 %	30-150		"	"	"	"	

Summit Scientific

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**CKET**  
**2001219-19 (Soil)**

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2001277	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		138 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		106 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		118 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	2001279	01/21/20	01/22/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		98.3 %	30-150		"	"	"	"	

Summit Scientific

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GIS Peace 2951 Niagara St Denver CO, 80207	Project: Chester Kincheloe #1 Project Number: [none] Project Manager: Carter Peace	Reported: 01/28/20 09:12
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**ESPW**  
**2001219-20 (Soil)**

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2001277	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		118 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		107 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	840	50	mg/kg	1	2001279	01/21/20	01/22/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		134 %	30-150		"	"	"	"	

Summit Scientific

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1

Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

## ESPE

2001219-21 (Soil)

## Summit Scientific

## Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2001276	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		103 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.8 %	21-167		"	"	"	"	

## Extractable Petroleum Hydrocarbons by 8015

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	92	50	mg/kg	1	2001278	01/21/20	01/22/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		93.6 %	30-150		"	"	"	"	

Summit Scientific

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1

Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

ESPN  
2001219-22 (Soil)

## Summit Scientific

## Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	2001276	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		101 %	23-173	"	"	"	"	"	
Surrogate: Toluene-d8		98.7 %	20-170	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.8 %	21-167	"	"	"	"	"	

## Extractable Petroleum Hydrocarbons by 8015

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	120	50	mg/kg	1	2001278	01/21/20	01/22/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		90.4 %	30-150	"	"	"	"	"	

Summit Scientific

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GIS Peace 2951 Niagara St Denver CO, 80207	Project: Chester Kincheloe #1 Project Number: [none] Project Manager: Carter Peace	Reported: 01/28/20 09:12
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**ESPS**  
**2001219-23 (Soil)**

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2001276	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		101 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.9 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	1300	50	mg/kg	1	2001278	01/21/20	01/22/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		97.2 %	30-150		"	"	"	"	

Summit Scientific

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S<sub>2</sub>

GIS Peace 2951 Niagara St Denver CO, 80207	Project: Chester Kincheloe #1 Project Number: [none] Project Manager: Carter Peace	Reported: 01/28/20 09:12
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**ESPB**  
2001219-24 (Soil)

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2001276	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		102 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		99.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.9 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	2001278	01/21/20	01/22/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		106 %	30-150		"	"	"	"	

Summit Scientific

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



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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloc #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**WSPE**  
**2001219-25 (Soil)**

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2001276	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		99.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.0 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	1300	50	mg/kg	1	2001278	01/21/20	01/22/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		99.5 %	30-150		"	"	"	"	

Summit Scientific

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



S<sub>2</sub>

GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**WSPW**  
**2001219-26 (Soil)**

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	2001276	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		104 %	23-173	"	"	"	"	"	
Surrogate: Toluene-d8		98.8 %	20-170	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.2 %	21-167	"	"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	2001278	01/21/20	01/22/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		90.2 %	30-150	"	"	"	"	"	

Summit Scientific

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



S<sub>2</sub>

GIS Peace 2951 Niagara St Denver CO, 80207	Project: Chester Kincheloe #1 Project Number: [none] Project Manager: Carter Peace	Reported: 01/28/20 09:12
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**WSPN**  
2001219-27 (Soil)

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00									
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2001276	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00									
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		105 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.8 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00									
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	380	50	mg/kg	1	2001278	01/21/20	01/22/20	EPA 8015M	

Date Sampled: 01/20/20 00:00									
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		97.7 %	30-150		"	"	"	"	

Summit Scientific

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**WSPS**  
2001219-28 (Soil)

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2001276	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		102 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.1 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	2001278	01/21/20	01/22/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		94.1 %	30-150		"	"	"	"	

Summit Scientific

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**WSPB**  
**2001219-29 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2001276	01/21/20	01/22/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		105 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.3 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	2001278	01/21/20	01/22/20	EPA 8015M	

Date Sampled: 01/20/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		95.5 %	30-150		"	"	"	"	

Summit Scientific

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1

Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

### Volatile Organic Compounds by EPA Method 8260B - Quality Control

#### Summit Scientific

Analyte	Reporting			Spike	Source	%REC		RPD		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

#### Batch 2001276 - EPA 5030 Soil MS

##### Blank (2001276-BLK1)

Prepared: 01/21/20 Analyzed: 01/22/20

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.0396</i>		"	<i>0.0400</i>		<i>99.0</i>		<i>23-173</i>		
<i>Surrogate: Toluene-d8</i>	<i>0.0398</i>		"	<i>0.0400</i>		<i>99.5</i>		<i>20-170</i>		
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0371</i>		"	<i>0.0400</i>		<i>92.8</i>		<i>21-167</i>		

##### LCS (2001276-BS1)

Prepared: 01/21/20 Analyzed: 01/22/20

Benzene	0.0826	0.0020	mg/kg	0.100		82.6		70-130		
Toluene	0.0816	0.0050	"	0.100		81.6		70-130		
Ethylbenzene	0.0903	0.0050	"	0.100		90.3		70-130		
m,p-Xylene	0.180	0.010	"	0.200		90.0		70-130		
o-Xylene	0.0885	0.0050	"	0.100		88.5		70-130		
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.0408</i>		"	<i>0.0400</i>		<i>102</i>		<i>23-173</i>		
<i>Surrogate: Toluene-d8</i>	<i>0.0397</i>		"	<i>0.0400</i>		<i>99.3</i>		<i>20-170</i>		
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0374</i>		"	<i>0.0400</i>		<i>93.4</i>		<i>21-167</i>		

##### Matrix Spike (2001276-MS1)

Source: 2001218-03

Prepared: 01/21/20 Analyzed: 01/22/20

Benzene	0.0837	0.0020	mg/kg	0.100	ND	83.7		70-130		
Toluene	0.0822	0.0050	"	0.100	ND	82.2		70-130		
Ethylbenzene	0.0919	0.0050	"	0.100	ND	91.9		70-130		
m,p-Xylene	0.185	0.010	"	0.200	0.00432	90.1		70-130		
o-Xylene	0.0908	0.0050	"	0.100	ND	90.8		70-130		
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.0421</i>		"	<i>0.0400</i>		<i>105</i>		<i>23-173</i>		
<i>Surrogate: Toluene-d8</i>	<i>0.0396</i>		"	<i>0.0400</i>		<i>99.0</i>		<i>20-170</i>		
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0368</i>		"	<i>0.0400</i>		<i>92.1</i>		<i>21-167</i>		

Summit Scientific

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



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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloc #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**Summit Scientific**

Analyte	Reporting			Spike	Source	%REC			RPD	Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

**Batch 2001276 - EPA 5030 Soil MS**

**Matrix Spike Dup (2001276-MSD1)**

Source: 2001218-03

Prepared: 01/21/20 Analyzed: 01/22/20

Benzene	0.0821	0.0020	mg/kg	0.100	ND	82.1	70-130	1.92	30	
Toluene	0.0815	0.0050	"	0.100	ND	81.5	70-130	0.806	30	
Ethylbenzene	0.0903	0.0050	"	0.100	ND	90.3	70-130	1.75	30	
m,p-Xylene	0.184	0.010	"	0.200	0.00432	89.8	70-130	0.375	30	
o-Xylene	0.0899	0.0050	"	0.100	ND	89.9	70-130	1.03	30	
Surrogate: 1,2-Dichloroethane-d4	0.0405		"	0.0400		101	23-173			
Surrogate: Toluene-d8	0.0393		"	0.0400		98.2	20-170			
Surrogate: 4-Bromofluorobenzene	0.0373		"	0.0400		93.2	21-167			

**Batch 2001277 - EPA 5030 Soil MS**

**Blank (2001277-BLK1)**

Prepared: 01/21/20 Analyzed: 01/22/20

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0429		"	0.0400		107	23-173			
Surrogate: Toluene-d8	0.0418		"	0.0400		105	20-170			
Surrogate: 4-Bromofluorobenzene	0.0419		"	0.0400		105	21-167			

**LCS (2001277-BS1)**

Prepared: 01/21/20 Analyzed: 01/22/20

Benzene	0.0782	0.0020	mg/kg	0.100		78.2	70-130			
Toluene	0.0940	0.0050	"	0.100		94.0	70-130			
Ethylbenzene	0.110	0.0050	"	0.100		110	70-130			
m,p-Xylene	0.225	0.010	"	0.200		113	70-130			
o-Xylene	0.105	0.0050	"	0.100		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0346		"	0.0400		86.5	23-173			
Surrogate: Toluene-d8	0.0389		"	0.0400		97.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0419		"	0.0400		105	21-167			

Summit Scientific

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



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GIS Peace 2951 Niagara St Denver CO, 80207	Project: Chester Kincheloe #1 Project Number: [none] Project Manager: Carter Peace	Reported: 01/28/20 09:12
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**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**Summit Scientific**

Analyte	Reporting			Spike	Source	%REC			RPD	Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

**Batch 2001277 - EPA 5030 Soil MS**

Matrix Spike (2001277-MS1)	Source: 2001219-01			Prepared: 01/21/20	Analyzed: 01/22/20					
Benzene	0.0803	0.0020	mg/kg	0.100	ND	80.3	70-130			
Toluene	0.0941	0.0050	"	0.100	ND	94.1	70-130			
Ethylbenzene	0.114	0.0050	"	0.100	ND	114	70-130			
m,p-Xylene	0.229	0.010	"	0.200	ND	114	70-130			
o-Xylene	0.107	0.0050	"	0.100	ND	107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0362		"	0.0400		90.5	23-173			
Surrogate: Toluene-d8	0.0386		"	0.0400		96.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0404		"	0.0400		101	21-167			

Matrix Spike Dup (2001277-MSD1)	Source: 2001219-01			Prepared: 01/21/20	Analyzed: 01/22/20					
Benzene	0.0717	0.0020	mg/kg	0.100	ND	71.7	70-130	11.3	30	
Toluene	0.0838	0.0050	"	0.100	ND	83.8	70-130	11.6	30	
Ethylbenzene	0.102	0.0050	"	0.100	ND	102	70-130	11.8	30	
m,p-Xylene	0.205	0.010	"	0.200	ND	103	70-130	10.8	30	
o-Xylene	0.0980	0.0050	"	0.100	ND	98.0	70-130	9.20	30	
Surrogate: 1,2-Dichloroethane-d4	0.0362		"	0.0400		90.5	23-173			
Surrogate: Toluene-d8	0.0391		"	0.0400		97.7	20-170			
Surrogate: 4-Bromofluorobenzene	0.0410		"	0.0400		103	21-167			

Summit Scientific

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



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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1

Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

**Extractable Petroleum Hydrocarbons by 8015 - Quality Control**  
**Summit Scientific**

Analyte	Reporting			Spike	Source	%REC			RPD	Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

**Batch 2001278 - EPA 3550A**

<b>Blank (2001278-BLK1)</b>										
Prepared: 01/21/20 Analyzed: 01/22/20										
C10-C28 (DRO)	ND	50	mg/kg							
<b>LCS (2001278-BS1)</b>										
Prepared: 01/21/20 Analyzed: 01/22/20										
C10-C28 (DRO)	508	50	mg/kg	500		102	70-130			
<b>Matrix Spike (2001278-MS1)</b>										
Source: 2001218-03 Prepared: 01/21/20 Analyzed: 01/22/20										
C10-C28 (DRO)	455	50	mg/kg	500	18.7	87.2	70-130			
<b>Matrix Spike Dup (2001278-MSD1)</b>										
Source: 2001218-03 Prepared: 01/21/20 Analyzed: 01/22/20										
C10-C28 (DRO)	476	50	mg/kg	500	18.7	91.5	70-130	4.54	20	

**Batch 2001279 - EPA 3550A**

<b>Blank (2001279-BLK1)</b>										
Prepared & Analyzed: 01/21/20										
C10-C28 (DRO)	ND	50	mg/kg							
<b>LCS (2001279-BS1)</b>										
Prepared & Analyzed: 01/21/20										
C10-C28 (DRO)	457	50	mg/kg	500		91.3	70-130			
<b>Matrix Spike (2001279-MS1)</b>										
Source: 2001219-01 Prepared & Analyzed: 01/21/20										
C10-C28 (DRO)	519	50	mg/kg	500	104	83.0	70-130			
<b>Matrix Spike Dup (2001279-MSD1)</b>										
Source: 2001219-01 Prepared & Analyzed: 01/21/20										
C10-C28 (DRO)	540	50	mg/kg	500	104	87.3	70-130	4.07	20	

Summit Scientific

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1

Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

## Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis - Quality Control

## Summit Scientific

Analyte	Reporting			Spike	Source	%REC			RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

## Batch 2001284 - General Preparation

## Blank (2001284-BLK1)

Prepared &amp; Analyzed: 01/21/20

Calcium	ND	10.0	mg/kg wet						
Magnesium	ND	5.00	"						
Sodium	ND	5.00	"						

## LCS (2001284-BS1)

Prepared &amp; Analyzed: 01/21/20

Calcium	538	10.0	mg/kg wet	500		108	70-130		
Magnesium	611	5.00	"	500		122	70-130		
Sodium	561	5.00	"	500		112	70-130		

## Duplicate (2001284-DUP1)

Source: 2001218-03

Prepared &amp; Analyzed: 01/21/20

Calcium	479	11.0	mg/kg dry		461			4.01	20
Magnesium	491	5.50	"		579			16.3	20
Sodium	49.4	5.50	"		57.0			14.3	20

## Matrix Spike (2001284-MS1)

Source: 2001218-03

Prepared &amp; Analyzed: 01/21/20

Calcium	897	11.0	mg/kg dry	550	461	79.4	70-130		
Magnesium	1060	5.50	"	550	579	88.2	70-130		
Sodium	635	5.50	"	550	57.0	105	70-130		

## Matrix Spike Dup (2001284-MSD1)

Source: 2001218-03

Prepared &amp; Analyzed: 01/21/20

Calcium	849	11.0	mg/kg dry	550	461	70.6	70-130	5.52	25
Magnesium	1020	5.50	"	550	579	80.8	70-130	3.89	25
Sodium	614	5.50	"	550	57.0	101	70-130	3.38	25

Summit Scientific

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



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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
01/28/20 09:12

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control  
Summit Scientific

Analyte	Reporting			Spike	Source	%REC		RPD		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch 2001293 - General Preparation

Duplicate (2001293-DUP1)	Source: 2001218-03			Prepared & Analyzed: 01/22/20							
% Solids	90.7		%		90.8			0.110		20	

Batch 2001295 - General Preparation

LCS (2001295-BS1)	Prepared & Analyzed: 01/22/20										
pH	9.21		pH Units	9.18		100	95-105				
Duplicate (2001295-DUP1)	Source: 2001210-01			Prepared & Analyzed: 01/22/20							
pH	8.25		pH Units	8.22				0.364		20	

Summit Scientific

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

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GIS Peace 2951 Niagara St Denver CO, 80207	Project: Chester Kincheloe #1 Project Number: [none] Project Manager: Carter Peace	Reported: 01/28/20 09:12
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**Specific Conductance by EPA Method 120.1 - Quality Control**  
**Summit Scientific**

Analyte	Reporting			Spike	Source	%REC			RPD		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit		

**Batch 2001294 - General Preparation**

<b>Blank (2001294-BLK1)</b>	Prepared & Analyzed: 01/22/20										
Specific Conductance (EC)	ND	0.0100	mmhos/cm								
<b>LCS (2001294-BS1)</b>	Prepared & Analyzed: 01/22/20										
Specific Conductance (EC)	0.801	0.0100	mmhos/cm	0.750		107	90-110				
<b>Duplicate (2001294-DUP1)</b>	Source: 2001210-01 Prepared & Analyzed: 01/22/20										
Specific Conductance (EC)	0.189	0.0100	mmhos/cm		0.189			0.159	20		

Summit Scientific

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1

Project Number: [none]  
Project Manager: Carter Peace

**Reported:**  
01/28/20 09:12

### Notes and Definitions

- S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

# Summit Scientific

---

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

February 25, 2020

Carter Peace

GIS Peace

2951 Niagara St

Denver, CO 80207

RE: Chester Kincheloe #1

Work Order #2002161

Enclosed are the results of analyses for samples received by Summit Scientific on 02/18/20 11:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Muri Premer".

Muri Premer For Paul Shrewsbury

President

S<sub>2</sub>

GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

**Reported:**  
02/25/20 13:06

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CK06R	2002161-01	Soil	02/17/20 00:00	02/18/20 11:15
CK09R	2002161-02	Soil	02/17/20 00:00	02/18/20 11:15
CK15R	2002161-03	Soil	02/17/20 00:00	02/18/20 11:15
ESPBW	2002161-04	Soil	02/17/20 00:00	02/18/20 11:15
ESPWR	2002161-05	Soil	02/17/20 00:00	02/18/20 11:15
ESPSR	2002161-06	Soil	02/17/20 00:00	02/18/20 11:15
WSPBW	2002161-07	Soil	02/17/20 00:00	02/18/20 11:15
WSPER	2002161-08	Soil	02/17/20 00:00	02/18/20 11:15
WHSP	2002161-09	Soil	02/17/20 00:00	02/18/20 11:15
TBSP	2002161-10	Soil	02/17/20 00:00	02/18/20 11:15
Topsoil	2002161-11	Soil	02/17/20 00:00	02/18/20 11:15

Summit Scientific

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



# Summit Scientific

2002161.1

741 Corporate Circle Suite 1 ♦ Golden, Colorado 80401  
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 2

Client: GIS PEARL  
Address: 2951 WIMARK ST.  
City/State/Zip: DENVER, CO 80207  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Sampler Name: CJD

Project Manager: C. PEARL  
E-Mail: Carter.pearl@sumscie.com  
Project Name: Chester Kinkhede #1  
Project Number: \_\_\_\_\_

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix			Analyze For:				Special Instructions	Notes:		
				HCl	HNO <sub>3</sub>	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	Turn Around Time (Check)	72 Hours	Standard				
CK06 R	2/17/20		1		X													
CK09 R	2/17/20		1		X													
CK15 R			1		X													
ESPBN			1		X													
ESPWR			1		X													
ESPSR			1		X													
WSPBN			1		X													
WSPER			1		X													
WHSP			1		X													
TB SP			1		X													
Relinquished by: _____				Date/Time: <u>2/18/20</u>														
Relinquished by: _____				Date/Time: _____	Date/Time: _____													
Relinquished by: _____				Date/Time: _____	Date/Time: _____													



Sample Receipt Checklist

2002161

S2 Work Order \_\_\_\_\_

Client: GIS PEACE Client Project ID: CHESTER MINCHELOE # I

Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other Airbill #: \_\_\_\_\_

Matrix (check all that apply):  Air  Soil/Solid  Water  Other: \_\_\_\_\_  
(Describe)

Temp (°C)	4.7
-----------	-----

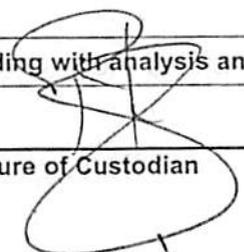
Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C <sup>(1)</sup> ? NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
If custody seals are present, are they intact <sup>(1)</sup> ?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples with holding times due within 48 hours sample due within 48 hours present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client w/ date and time recorded <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) <sup>(1)</sup> ? Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2 <sup>(1)</sup> ? Record the pH in Comments.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Additional Comments (if any):

<sup>(1)</sup> If NO, then contact the client before proceeding with analysis and note in case narrative.

RZ  
Custodian Printed Name or Initials

  
Signature of Custodian

2/18/20  
Date/Time

S<sub>2</sub>

GIS Peace 2951 Niagara St Denver CO, 80207	Project: Chester Kincheloe #1 Project Number: [none] Project Manager: Carter Peace	Reported: 02/25/20 13:06
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**CK06R**  
**2002161-01 (Soil)**

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2002219	02/21/20	02/21/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		93.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		95.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		80.2 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	2002218	02/21/20	02/21/20	EPA 8015M	

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		107 %	30-150		"	"	"	"	

Summit Scientific

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S<sub>2</sub>

GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
02/25/20 13:06

**CK09R**  
2002161-02 (Soil)

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2002219	02/21/20	02/21/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		109 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	2002218	02/21/20	02/21/20	EPA 8015M	

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		110 %	30-150		"	"	"	"	

Summit Scientific

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GIS Peace 2951 Niagara St Denver CO, 80207	Project: Chester Kincheloe #1 Project Number: [none] Project Manager: Carter Peace	Reported: 02/25/20 13:06
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**CK15R**  
2002161-03 (Soil)

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2002219	02/21/20	02/21/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		106 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		94.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.6 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	2002218	02/21/20	02/21/20	EPA 8015M	

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		116 %	30-150		"	"	"	"	

Summit Scientific

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
02/25/20 13:06

**ESPBW**  
2002161-04 (Soil)

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2002219	02/21/20	02/21/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		109 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.5 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	200	50	mg/kg	1	2002218	02/21/20	02/21/20	EPA 8015M	

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		109 %	30-150		"	"	"	"	

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GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1

Project Number: [none]  
Project Manager: Carter Peace

Reported:  
02/25/20 13:06

## ESPWR

2002161-05 (Soil)

## Summit Scientific

## Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2002219	02/21/20	02/21/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		120 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.7 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

## Extractable Petroleum Hydrocarbons by 8015

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	2002218	02/21/20	02/21/20	EPA 8015M	

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		108 %	30-150		"	"	"	"	

Summit Scientific

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S<sub>2</sub>

GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
02/25/20 13:06

**ESPSR**  
2002161-06 (Soil)

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2002219	02/21/20	02/21/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		107 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	220	50	mg/kg	1	2002218	02/21/20	02/21/20	EPA 8015M	

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		65.3 %	30-150		"	"	"	"	

Summit Scientific

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S<sub>2</sub>

GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
02/25/20 13:06

**WSPBW**  
**2002161-07 (Soil)**

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2002219	02/21/20	02/21/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		104 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	2002218	02/21/20	02/21/20	EPA 8015M	

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		99.1 %	30-150		"	"	"	"	

Summit Scientific

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S<sub>2</sub>

GIS Peace 2951 Niagara St Denver CO, 80207	Project: Chester Kincheloc #1 Project Number: [none] Project Manager: Carter Peace	Reported: 02/25/20 13:06
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**WSPER**  
2002161-08 (Soil)

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2002219	02/21/20	02/21/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		105 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	280	50	mg/kg	1	2002218	02/21/20	02/21/20	EPA 8015M	

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		106 %	30-150		"	"	"	"	

Summit Scientific

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S<sub>2</sub>

GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
02/25/20 13:06

**WHSP**  
**2002161-09 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2002219	02/21/20	02/21/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		109 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	2002218	02/21/20	02/21/20	EPA 8015M	

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		112 %	30-150		"	"	"	"	

Summit Scientific

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S<sub>2</sub>

GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
02/25/20 13:06

**TBSP**  
**2002161-10 (Soil)**

Summit Scientific

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	2002219	02/21/20	02/21/20	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		107 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	2002218	02/21/20	02/21/20	EPA 8015M	

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		110 %	30-150		"	"	"	"	

Summit Scientific

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



S<sub>2</sub>

GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
02/25/20 13:06

**Topsoil**  
**2002161-11 (Soil)**

**Summit Scientific**

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	1780	11.8	mg/kg dry	1	2002193	02/19/20	02/19/20	EPA 6020B	
Magnesium	380	5.92	"	"	"	"	"	"	
Sodium	975	5.92	"	"	"	"	"	"	

**Calculated Analysis**

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	5.47	0.100	units	1	2002235	02/24/20	02/24/20	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	84.5		%	1	2002181	02/19/20	02/19/20	Calculation	
pH	8.10		pH Units	"	2002196	02/20/20	02/20/20	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: 02/17/20 00:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Specific Conductance (EC)	0.202	0.0100	mmhos/cm	1	2002197	02/20/20	02/20/20	EPA 120.1	

Summit Scientific

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



S<sub>2</sub>

GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
02/25/20 13:06

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**Summit Scientific**

Analyte	Reporting			Spike	Source	%REC		RPD		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

**Batch 2002219 - EPA 5030 Soil MS**

**Blank (2002219-BLK1)**

Prepared & Analyzed: 02/21/20

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.0410</i>		<i>"</i>	<i>0.0400</i>		<i>102</i>	<i>23-173</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0389</i>		<i>"</i>	<i>0.0400</i>		<i>97.4</i>	<i>20-170</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0401</i>		<i>"</i>	<i>0.0400</i>		<i>100</i>	<i>21-167</i>			

**LCS (2002219-BS1)**

Prepared & Analyzed: 02/21/20

Benzene	0.0925	0.0020	mg/kg	0.100	ND	92.5	70-130			
Toluene	0.102	0.0050	"	0.100	ND	102	70-130			
Ethylbenzene	0.105	0.0050	"	0.100	ND	105	70-130			
m,p-Xylene	0.188	0.010	"	0.200	ND	94.2	70-130			
o-Xylene	0.0976	0.0050	"	0.100	ND	97.6	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.0394</i>		<i>"</i>	<i>0.0400</i>		<i>98.5</i>	<i>23-173</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0436</i>		<i>"</i>	<i>0.0400</i>		<i>109</i>	<i>20-170</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0365</i>		<i>"</i>	<i>0.0400</i>		<i>91.4</i>	<i>21-167</i>			

**Matrix Spike (2002219-MS1)**

Source: 2002161-01

Prepared & Analyzed: 02/21/20

Benzene	0.0978	0.0020	mg/kg	0.100	ND	97.8	70-130			
Toluene	0.107	0.0050	"	0.100	ND	107	70-130			
Ethylbenzene	0.112	0.0050	"	0.100	ND	112	70-130			
m,p-Xylene	0.201	0.010	"	0.200	ND	100	70-130			
o-Xylene	0.106	0.0050	"	0.100	ND	106	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.0431</i>		<i>"</i>	<i>0.0400</i>		<i>108</i>	<i>23-173</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0417</i>		<i>"</i>	<i>0.0400</i>		<i>104</i>	<i>20-170</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0380</i>		<i>"</i>	<i>0.0400</i>		<i>95.0</i>	<i>21-167</i>			

Summit Scientific

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S<sub>2</sub>

GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1

Project Number: [none]  
Project Manager: Carter Peace

Reported:  
02/25/20 13:06

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**Summit Scientific**

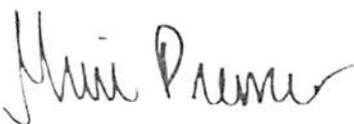
Analyte	Reporting			Spike	Source	%REC			RPD	Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

**Batch 2002219 - EPA 5030 Soil MS**

Matrix Spike Dup (2002219-MSD1)	Source: 2002161-01			Prepared & Analyzed: 02/21/20						
Benzene	0.108	0.0020	mg/kg	0.100	ND	108	70-130	9.86	30	
Toluene	0.118	0.0050	"	0.100	ND	118	70-130	9.25	30	
Ethylbenzene	0.126	0.0050	"	0.100	ND	126	70-130	12.0	30	
m,p-Xylene	0.224	0.010	"	0.200	ND	112	70-130	11.1	30	
o-Xylene	0.117	0.0050	"	0.100	ND	117	70-130	9.51	30	
Surrogate: 1,2-Dichloroethane-d4	0.0430		"	0.0400		107	23-173			
Surrogate: Toluene-d8	0.0404		"	0.0400		101	20-170			
Surrogate: 4-Bromofluorobenzene	0.0378		"	0.0400		94.4	21-167			

Summit Scientific

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S<sub>2</sub>

GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1  
Project Number: [none]  
Project Manager: Carter Peace

Reported:  
02/25/20 13:06

**Extractable Petroleum Hydrocarbons by 8015 - Quality Control**  
**Summit Scientific**

Analyte	Result	Reporting		Spike Level	Source		%REC		RPD		Notes
		Limit	Units		Result	%REC	Limits	RPD	Limit		

**Batch 2002218 - EPA 3550A**

<b>Blank (2002218-BLK1)</b>				Prepared & Analyzed: 02/21/20							
C10-C28 (DRO)	ND	50	mg/kg								
<b>LCS (2002218-BS1)</b>				Prepared & Analyzed: 02/21/20							
C10-C28 (DRO)	530	50	mg/kg	500	106	70-130					
<b>Matrix Spike (2002218-MS1)</b>				Source: 2002161-01		Prepared & Analyzed: 02/21/20					
C10-C28 (DRO)	543	50	mg/kg	500	8.23	107	70-130				
<b>Matrix Spike Dup (2002218-MSD1)</b>				Source: 2002161-01		Prepared & Analyzed: 02/21/20					
C10-C28 (DRO)	530	50	mg/kg	500	8.23	104	70-130	2.35	20		

Summit Scientific

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GIS Peace 2951 Niagara St Denver CO, 80207	Project: Chester Kincheloe #1 Project Number: [none] Project Manager: Carter Peace	Reported: 02/25/20 13:06
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Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis - Quality Control

Summit Scientific

Analyte	Reporting			Spike Level	Source		%REC		RPD		Notes
	Result	Limit	Units		Result	%REC	Limits	RPD	Limit		

Batch 2002193 - General Preparation

Blank (2002193-BLK1) Prepared & Analyzed: 02/19/20

Calcium	ND	10.0	mg/kg wet							
Magnesium	ND	5.00	"							
Sodium	ND	5.00	"							

LCS (2002193-BS1) Prepared & Analyzed: 02/19/20

Calcium	525	10.0	mg/kg wet	500	105	70-130				
Magnesium	535	5.00	"	500	107	70-130				
Sodium	496	5.00	"	500	99.3	70-130				

Duplicate (2002193-DUP1) Source: 2002151-01 Prepared & Analyzed: 02/19/20

Calcium	362	10.8	mg/kg dry		360			0.637	20	
Magnesium	200	5.39	"		203			1.73	20	
Sodium	108	5.39	"		110			1.84	20	

Matrix Spike (2002193-MS1) Source: 2002151-01 Prepared & Analyzed: 02/19/20

Calcium	802	10.8	mg/kg dry	539	360	82.1	70-130			
Magnesium	748	5.39	"	539	203	101	70-130			
Sodium	605	5.39	"	539	110	91.9	70-130			

Matrix Spike Dup (2002193-MSD1) Source: 2002151-01 Prepared & Analyzed: 02/19/20

Calcium	776	10.8	mg/kg dry	539	360	77.3	70-130	3.25	25	
Magnesium	737	5.39	"	539	203	99.0	70-130	1.51	25	
Sodium	628	5.39	"	539	110	96.2	70-130	3.69	25	

Summit Scientific

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S<sub>2</sub>

GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1

Project Number: [none]  
Project Manager: Carter Peace

Reported:  
02/25/20 13:06

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control  
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit		

Batch 2002181 - General Preparation

<b>Duplicate (2002181-DUP1)</b>		<b>Source: 2002122-01</b>			<b>Prepared &amp; Analyzed: 02/19/20</b>							
% Solids	80.0		%		80.1				0.122		20	

Batch 2002196 - General Preparation

<b>LCS (2002196-BS1)</b>		<b>Prepared &amp; Analyzed: 02/20/20</b>										
pH	9.20		pH Units	9.18		100	95-105					
<b>Duplicate (2002196-DUP1)</b>		<b>Source: 2002158-01</b>			<b>Prepared &amp; Analyzed: 02/20/20</b>							
pH	8.53		pH Units	8.52					0.117		20	

Summit Scientific

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S<sub>2</sub>

GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1

Project Number: [none]  
Project Manager: Carter Peace

Reported:  
02/25/20 13:06

**Specific Conductance by EPA Method 120.1 - Quality Control**  
**Summit Scientific**

Analyte	Reporting			Spike	Source	%REC		RPD		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

**Batch 2002197 - General Preparation**

**Blank (2002197-BLK1)**

Prepared & Analyzed: 02/20/20

Specific Conductance (EC) ND 0.0100 mmhos/cm

**LCS (2002197-BS1)**

Prepared & Analyzed: 02/20/20

Specific Conductance (EC) 0.776 0.0100 mmhos/cm 0.750 103 90-110

**Duplicate (2002197-DUP1)**

Source: 2002158-01

Prepared & Analyzed: 02/20/20

Specific Conductance (EC) 0.322 0.0100 mmhos/cm 0.324 0.433 20

Summit Scientific

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S<sub>2</sub>

GIS Peace  
2951 Niagara St  
Denver CO, 80207

Project: Chester Kincheloe #1

Project Number: [none]  
Project Manager: Carter Peace

**Reported:**  
02/25/20 13:06

### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference

# Special Waste Profile



Disposal Facility:  Waste Profile #:   
Sales Rep #:

## I. Generator Information

Generator Name:   
Generator Site Address:   
City:  County:  State:  Zip:   
State ID/Reg No:  State Approval/Waste Code:  NAICS #:   
Generator Mailing Address  (if different)   
City:  County:  State:  Zip:   
Generator Contact Name:  Email:   
Phone Number:  Ext:  Fax Number:

## II. Billing Information

Bill To:  Contact Name:   
Billing Address:  Email:   
City:  State:  Zip:  Phone:

## III. Waste Stream Information

Name of Waste:   
Process Generating Waste:   
Type of Waste:  Physical State:  Method of Shipment:   
Estimated Volume:  Volume Type:   
Frequency:  Disposal Consideration:

## IV. Representative Sample Certification

No Sample Taken

Sample Taken Type of Sample

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent?  Yes  No

Sample Date:  Sample ID Numbers or SDS:

Remember to attach Laboratory Analytical Report (and/or Material Safety Data Sheet) including Chain of Custody and required parameters provided for this profile.

# Special Waste Profile



## V. Physical Characteristics of Waste

Characteristic Components (must equal 100%):

1. Impacted Soil
- 2.
- 3.
- 4.
- 5.

% By Weight (out of 100% - ranges acceptable):

- |      |
|------|
| 100% |
|      |
|      |
|      |
|      |

Color: Grey Odor (describe): Mild Does Waste Contain Free Liquids?  Yes  No % Solids: 100% pH: NA Flash Point: NA °F

Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) including Chain of Custody and required parameters provided for this profile.

## RCRA Regulatory Questions

1. Does this waste or generating process contain regulated concentrations of the following Pesticides and/ or Herbicides: Chlordane, Endrin, Heptachlor (and its epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?  Yes  No
2. Does this waste contain reactive sulfides (greater than 500 ppm) or reactive cyanide (greater than 250 ppm) [reference 40 CFR 261.23(a)(5)]?  Yes  No
3. Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?  Yes  No
4. Does this waste contain concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?  Yes  No
5. Has this waste been delisted under 40 CFR 260.20 and 260.22? If yes, attach the final decision to delist the waste as published in the Federal Register.  Yes  No
6. Does this waste exhibit a Hazardous Characteristic as defined by Federal and/or State regulations? If Yes, identify the applicable waste code and specify if the waste is hazardous as defined by Federal, State or both?  Yes  No
7. Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCDD), or any other dioxin as defined in 40 CFR 261.31?  Yes  No
8. Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?  Yes  No
9. Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?  Yes  No
10. Is this a solid waste that is not a hazardous waste in accordance with 40 CFR 261.4(b)? If yes, please provide the corresponding regulatory citation.  Yes  No

E&P Exempt

## Republic Services Waste Handling Questions

1. Does this waste generate heat or react when contacted with water/moisture?  Yes  No
2. Does the waste contain sulfur or sulfur by-products?  Yes  No
3. Is this waste generated at a State or Federal Superfund cleanup site subject to regulation under CERCLA?  Yes  No
- 4a. Is this waste from a TSD facility, TSD-like facility or consolidator (i.e. multiple wastes/multiple generators)?  Yes  No
- 4b. If yes to the above question, please provide clarification.

# Special Waste Profile



## VI. Certification

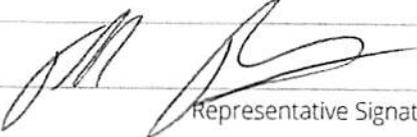
*I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. All Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste.*

*I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue.*

*I understand that attaching an electronic signature, I am signing this document, consent to complete this transaction and receive all related communication electronically, and agree this document will be binding as though I had physically signed it. A printout of this document may be accepted with the same authority as the original.*

*If electronic signature is preferred, please submit completed (unsigned) form to your Special Waste Coordinator or Special Waste Sales Executive to initiate signature process.*

*I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services.*

Todd Troutman	Representative	Investment Equipment LLC
Authorized Representative Name (Printed)	Title (Printed)	Company Name
		1/07/2020
Representative Signature		Date



# NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

6186864

If waste is asbestos waste, complete Sections I, II, III and IV  
If waste is **NOT** asbestos waste, complete Sections I, II and III

## I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number		c. Page 1 of	
d. Generator's Name and Location: Knoche Ice SE SW Sec 11 35 5141			e. Generator's Mailing Address: P.O. Box 576 Channahon, KS 67431		
f. Phone:		g. Phone:			
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No. Type		n. Total Quantity
		157 impacted soil from Skid piles			303E

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
		1/20/2020

## II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: John Lee 333 Park Ave Meriden CO 80711		
b. Phone: 970 571 3602		
c. Driver Name (Print)	d. Signature	e. Date
		1-31-2020

## III. DESTINATION (Generator complete IIIa-c and Destination Site completes III d-g)

a. Disposal Facility and Site Address:		c. US EPA Number	d. Discrepancy Indication Space:
b. I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
e. Name of Authorized Agent (Print)	f. Signature	g. Date	
		1/31/20	

## IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both      % Friable      % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		i. Date	
h. Signature			
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			



REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

6186865

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

Form I: Generator information including US EPA ID Number, Manifest Document Number, Generator's Name and Location, Mailing Address, Phone, and Waste Profile table.

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

Form II: Transporter information including Name and Address, Phone, Driver Name, Signature, and Date.

III. DESTINATION (Generator complete IIIa-c and Destination Site completes III d-g)

Form III: Destination information including Disposal Facility and Site Address, US EPA Number, Discrepancy Indication Space, and Authorized Agent details.

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

Form IV: Asbestos information including Operator's Name and Address, Responsible Agency Name and Address, Special Handling Instructions, and Operator's Certification.



REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

6186862

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes la-r)

Form I: Generator information including US EPA ID Number, Manifest Document Number, Generator's Name and Location, Mailing Address, Phone, Owner's Name, and Waste Profile table.

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Form II: Transporter information including Transporter's Name and Address, Phone, Driver Name, and Signature.

Form III: Destination information including Disposal Facility and Site Address, US EPA Number, Discrepancy Indication Space, and Authorized Agent information.

Form IV: Asbestos information including Operator's Name and Address, Responsible Agency Name and Address, Special Handling Instructions, Friable/Non-Friable checkboxes, OPERATOR'S CERTIFICATION, and Operator's Name and Title.



# NON-HAZARDOUS SPECIAL WASTE & ASBESTOS

6186863

If waste is asbestos waste, complete Sections I, II, III and IV  
If waste is NOT asbestos waste, complete Sections I, II and III

## I. GENERATOR (Generator completes la-r)

a. Generator's US EPA ID Number		b. Manifest Document Number		c. Page 1 of	
d. Generator's Name and Location: <i>K. Indelice / SESW Sec 11 35</i>			e. Generator's Mailing Address: <i>Investment Development Co. P.O. Box 578 Cragg, KS 67520</i>		
f. Phone:			g. Phone:		
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #			k. Exp. Date		l. Waste Shipping Name and Description
		m. Containers No.	n. Total Quantity	o. Unit Wt/Vol	
			3034		

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)		q. Signature		r. Date	
				1/20/2020	

## II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:		
b. Phone:		
c. Driver Name (Print)		d. Signature
		e. Date
		1-28-2020

## III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:		c. US EPA Number	d. Discrepancy Indication Space:
b. I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
e. Name of Authorized Agent (Print)		f. Signature	g. Date
			1/27/20

## IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
<input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both		% Friable   % Non-Friable	
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.			
Operator's Name and Title (Print)		h. Signature	i. Date
Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			



# NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

6186859

If waste is asbestos waste, complete Sections I, II, III and IV  
If waste is NOT asbestos waste, complete Sections I, II and III

## I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number		c. Page 1 of	
d. Generator's Name and Location: <i>Kochelogs</i>			e. Generator's Mailing Address: <i>...</i>		
f. Phone:			g. Phone:		
If owner of the generating facility differs from the generator, provide:					
h. Owner's Name:			i. Owner's Phone No.:		
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No. Type		n. Total Quantity
					2901
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.					
p. Generator Authorized Agent Name (Print)			q. Signature		r. Date

## II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: <i>301-1-1111 Merino 80741</i>		
b. Phone: <i>970 571-3652</i>		
c. Driver Name (Print)	d. Signature	e. Date
		<i>1-27-2020</i>

## III. DESTINATION (Generator complete IIIa-c and Destination Site completes III d-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
b.		
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.		
e. Name of Authorized Agent (Print)	f. Signature	g. Date
		<i>1/27/20</i>

## IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:	
b. Phone:	d. Phone:	
e. Special Handling Instructions and Additional Information:		
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable		
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.		
g. Operator's Name and Title (Print)	h. Signature	i. Date
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both		

## **Closure Photos**

Investment Equipment LLC – Chester Kincheloe #1 Pit Closure Photos



Eastern Skim Pit investigation excavation 1/20/20

Investment Equipment LLC – Chester Kincheloe #1 Pit Closure Photos



Eastern Skim Pit excavation 1/20/20

Investment Equipment LLC – Chester Kincheloe #1 Pit Closure Photos



Western Skim Pit 1/20/20

Investment Equipment LLC – Chester Kincheloe #1 Pit Closure Photos



Eastern Skim Pit South Wall ESPS Soil sample location 1/20/20

Investment Equipment LLC – Chester Kincheloe #1 Pit Closure Photos



Eastern Skim Pit West Wall ESPW Soil sample location 1/20/20



Eastern Skim Pit North Wall ESPN Soil sample location 1/20/20



Eastern Skim Pit East Wall ESPE Soil sample location 1/20/20



Western Skim Pit East Wall WSPE Soil sample location 1/20/20

Investment Equipment LLC – Chester Kincheloe #1 Pit Closure Photos



Western Skim Pit South Wall WSPS Soil sample location 1/20/20

Investment Equipment LLC – Chester Kincheloe #1 Pit Closure Photos



Western Skim Pit North Wall WSPN Soil sample location 1/20/20

Investment Equipment LLC – Chester Kincheloe #1 Pit Closure Photos



Western Skim Pit West Wall WSPE Soil sample location 1/20/20



Western Skim Pit East Wall WSPE Soil sample location 1/20/20

Investment Equipment LLC – Chester Kincheloe #1 Pit Closure Photos



Eastern Skim Pit Base ESPB Soil sample location 1/20/20

Investment Equipment LLC – Chester Kincheloe #1 Pit Closure Photos



Western Skim Pit Base WSPB Soil sample location 1/20/20

Investment Equipment LLC – Chester Kincheloe #1 Pit Closure Photos



Western Skim Pit Base WSPB Soil sample location 1/20/20

Investment Equipment LLC – Chester Kincheloe #1 Pit Closure Photos



Western Skim Pit 1/20/20

Investment Equipment LLC – Chester Kincheloe #1 Pit Closure Photos



ESPSR Soil sample location following additional excavation 2/17/20

Investment Equipment LLC – Chester Kincheloe #1 Pit Closure Photos



ESPWR Soil sample location following additional excavation 2/17/20

Investment Equipment LLC – Chester Kincheloe #1 Pit Closure Photos



WSPBW Base West Soil sample location 2/17/20

Investment Equipment LLC – Chester Kincheloe #1 Pit Closure Photos



WSPER Soil sample location following additional excavation 2/17/20

Investment Equipment LLC – Chester Kincheloe #1 Pit Closure Photos



ESPBW Base West Soil sample location 2/17/20