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09 November 2023

Jacob Harter  
Cottonwood Consulting  
PO Box 1653  
Durango, CO 81302  
RE: Harris (OWP) #5

Enclosed are the results of analyses for samples received by the laboratory on 10/25/23 16:20. The data to follow was performed, in whole or in part, by Green Analytical Laboratories. Any data that was performed by a subcontract laboratory is included within the GAL report, or with an additional report attached.

If you need any further assistance, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink that reads "Veronica J. Wells".

Veronica Wells  
Project Manager

All accredited analytes contained in this report are denoted by an asterisk (\*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at <http://greenanalytical.com/certifications/>

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water. TNI Certificate Number: T104704514-23-18

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8. TNI Certificate Number: T104704398-23-16



Cottonwood Consulting	Project: Table 915-1	
PO Box 1653	Project Name / Number: Harris (OWP) #5	<b>Reported:</b>
Durango CO, 81302	Project Manager: Jacob Harter	11/09/23 15:54

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
SS01	2310256-01	Solid	10/25/23 11:30	10/25/23 16:20	
SS02	2310256-02	Solid	10/25/23 11:40	10/25/23 16:20	
SS03	2310256-03	Solid	10/25/23 11:55	10/25/23 16:20	

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Veronica Wells, Project Manager

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Cottonwood Consulting PO Box 1653 Durango CO, 81302	Project: Table 915-1 Project Name / Number: Harris (OWP) #5 Project Manager: Jacob Harter	Reported: 11/09/23 15:54
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**SS01**

**2310256-01 (Soil)**

**Sampled Date: 10/25/23 11:30**

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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**General Chemistry**

Hexavalent Chromium	<0.250	0.250	0.191	mg/kg dry	25	11/08/23 10:46	3060A/3500-Cr B		AWG
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**Saturated Paste Extraction**

Calcium	42.6	0.100	0.058	mg/L	1	11/01/23 18:55	EPA200.7		AES
Conductivity	304			umho/cm@25 C	1	10/31/23 12:25	ASA#9 10-3.3		AES
Magnesium	7.78	0.100	0.065	mg/L	1	11/01/23 18:55	EPA200.7		AES
pH	7.77			pH Units	1	10/31/23 12:14	ASA#9 10-3.2		AES
SAR	0.38			No Unit	1	11/01/23 18:55	Calculation		AES
Sodium	10.4	1.00	0.079	mg/L	1	11/01/23 18:55	EPA200.7		AES

**Total Metals by ICP**

Barium	153	5.00	0.942	mg/kg dry	100	11/02/23 19:21	6010B		AES
Cadmium	<5.00	5.00	1.29	mg/kg dry	100	11/02/23 19:21	6010B		AES
Chromium	10.8	5.00	4.53	mg/kg dry	100	11/02/23 19:21	6010B		AES
Copper	27.6	10.0	4.61	mg/kg dry	100	11/02/23 19:21	6010B		AES
Lead	<10.0	10.0	1.88	mg/kg dry	100	11/02/23 19:21	6010B		AES
Nickel	7.89	5.00	1.41	mg/kg dry	100	11/02/23 19:21	6010B		AES
Selenium	<20.0	20.0	9.47	mg/kg dry	100	11/03/23 17:33	6010B		AES
Silver	<1.00	1.00	0.460	mg/kg dry	100	11/02/23 19:20	6010B		AES
Zinc	38.0	10.0	1.24	mg/kg dry	100	11/02/23 19:21	6010B		AES

**Total Metals by ICPMS**

Arsenic	4.48	1.00	0.158	mg/kg dry	1000	11/06/23 16:29	6020A		AES
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**Hot Water Extractable**

Boron	<1.20	1.20	0.568	mg/L	4	11/01/23 21:18	EPA200.7		AES
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**Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240**

**Petroleum Hydrocarbons by GC FID**

DRO >C10-C28*	<10.0	10.0	4.26	mg/kg	1	11/02/23 02:54	8015B		MS
EXT DRO >C28-C36	<10.0	10.0	4.26	mg/kg	1	11/02/23 02:54	8015B		MS
GRO C6-C10*	<10.0	10.0	6.25	mg/kg	1	11/02/23 02:54	8015B		MS

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148 11/02/23 02:54 8015B MS

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Veronica Wells, Project Manager

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Cottonwood Consulting	Project: Table 915-1	
PO Box 1653	Project Name / Number: Harris (OWP) #5	<b>Reported:</b>
Durango CO, 81302	Project Manager: Jacob Harter	11/09/23 15:54

**SS01**

**2310256-01 (Soil)**

**Sampled Date: 10/25/23 11:30**

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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**Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240**

**Petroleum Hydrocarbons by GC FID**

Surrogate: 1-Chlorooctane	88.0 %	48.2-134				11/02/23 02:54	8015B		MS
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**VOLATILES BY GC/MS**

1,2,4-Trimethylbenzene	<0.0250	0.0250	0.00650	mg/kg	50	11/02/23 16:29	8260B		MS
1,3,5-Trimethylbenzene	<0.0250	0.0250	0.00450	mg/kg	50	11/02/23 16:29	8260B		MS
Benzene*	<0.0250	0.0250	0.00885	mg/kg	50	11/02/23 16:29	8260B		MS
Ethylbenzene*	<0.0250	0.0250	0.00405	mg/kg	50	11/02/23 16:29	8260B		MS
m+p - Xylene*	<0.0500	0.0500	0.0186	mg/kg	50	11/02/23 16:29	8260B		MS
Naphthalene*	<0.0250	0.0250	0.00500	mg/kg	50	11/02/23 16:29	8260B		MS
o-Xylene*	<0.0250	0.0250	0.00700	mg/kg	50	11/02/23 16:29	8260B		MS
Toluene*	<0.0250	0.0250	0.00670	mg/kg	50	11/02/23 16:29	8260B		MS
Total Xylenes*	<0.0750	0.0750	0.0256	mg/kg	50	11/02/23 16:29	8260B		MS

Surrogate: 4-Bromofluorobenzene	101 %	82.5-117				11/02/23 16:29	8260B		MS
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Surrogate: Dibromofluoromethane	97.4 %	84.6-114				11/02/23 16:29	8260B		MS
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Surrogate: Toluene-d8	104 %	90.4-109				11/02/23 16:29	8260B		MS
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**Polynuclear Aromatic Compounds by GC/MS**

1-Methylnaphthalene	<0.016	0.040	0.016	mg/kg	40	11/07/23 17:44	8270C		MS
2-Methylnaphthalene*	<0.023	0.040	0.023	mg/kg	40	11/07/23 17:44	8270C		MS
Acenaphthene*	<0.024	0.040	0.024	mg/kg	40	11/07/23 17:44	8270C		MS
Anthracene*	<0.017	0.040	0.017	mg/kg	40	11/07/23 17:44	8270C		MS
Benzo[a]anthracene*	<0.023	0.040	0.023	mg/kg	40	11/07/23 17:44	8270C		MS
Benzo[a]pyrene*	<0.018	0.040	0.018	mg/kg	40	11/07/23 17:44	8270C		MS
Benzo[b]fluoranthene*	<0.019	0.040	0.019	mg/kg	40	11/07/23 17:44	8270C		MS
Benzo[k]fluoranthene*	<0.016	0.040	0.016	mg/kg	40	11/07/23 17:44	8270C		MS
Chrysene	<0.017	0.040	0.017	mg/kg	40	11/07/23 17:44	8270C		MS
Dibenz[a,h]anthracene*	<0.019	0.040	0.019	mg/kg	40	11/07/23 17:44	8270C		MS
Fluoranthene*	<0.019	0.040	0.019	mg/kg	40	11/07/23 17:44	8270C		MS
Fluorene*	<0.014	0.040	0.014	mg/kg	40	11/07/23 17:44	8270C		MS
Indeno[1,2,3-cd]pyrene*	<0.017	0.040	0.017	mg/kg	40	11/07/23 17:44	8270C		MS

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*Veronica J Wells*

Veronica Wells, Project Manager

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Cottonwood Consulting	Project: Table 915-1	
PO Box 1653	Project Name / Number: Harris (OWP) #5	<b>Reported:</b>
Durango CO, 81302	Project Manager: Jacob Harter	11/09/23 15:54

**SS01**

**2310256-01 (Soil)**

**Sampled Date: 10/25/23 11:30**

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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**Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240**

**Polynuclear Aromatic Compounds by GC/MS**

<b>Naphthalene*</b>	<0.015	0.040	0.015	mg/kg	40	11/07/23 17:44	8270C		MS
<b>Pyrene*</b>	<0.013	0.040	0.013	mg/kg	40	11/07/23 17:44	8270C		MS
<i>Surrogate: 2-Fluorobiphenyl</i>			88.5 %	39.8-134		11/07/23 17:44	8270C		MS
<i>Surrogate: Nitrobenzene-d5</i>			78.2 %	39.6-121		11/07/23 17:44	8270C		MS
<i>Surrogate: Terphenyl-d14</i>			83.5 %	33.3-136		11/07/23 17:44	8270C		MS

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Veronica Wells, Project Manager

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Cottonwood Consulting PO Box 1653 Durango CO, 81302	Project: Table 915-1 Project Name / Number: Harris (OWP) #5 Project Manager: Jacob Harter	Reported: 11/09/23 15:54
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**SS02**

**2310256-02 (Soil)**

**Sampled Date: 10/25/23 11:40**

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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**General Chemistry**

Hexavalent Chromium	<0.250	0.250	0.191	mg/kg dry	25	11/08/23 10:46	3060A/3500-Cr B		AWG
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**Saturated Paste Extraction**

Calcium	44.4	0.100	0.058	mg/L	1	11/01/23 18:58	EPA200.7		AES
Conductivity	496			umho/cm@25 C	1	10/31/23 12:25	ASA#9 10-3.3		AES
Magnesium	31.2	0.100	0.065	mg/L	1	11/01/23 18:58	EPA200.7		AES
pH	8.16			pH Units	1	10/31/23 12:14	ASA#9 10-3.2		AES
SAR	0.64			No Unit	1	11/01/23 18:58	Calculation		AES
Sodium	22.7	1.00	0.079	mg/L	1	11/01/23 18:58	EPA200.7		AES

**Total Metals by ICP**

Barium	558	5.00	0.942	mg/kg dry	100	11/02/23 19:25	6010B		AES
Cadmium	<5.00	5.00	1.29	mg/kg dry	100	11/02/23 19:26	6010B		AES
Chromium	8.09	5.00	4.53	mg/kg dry	100	11/02/23 19:26	6010B		AES
Copper	10.7	10.0	4.61	mg/kg dry	100	11/02/23 19:26	6010B		AES
Lead	<10.0	10.0	1.88	mg/kg dry	100	11/02/23 19:26	6010B		AES
Nickel	6.27	5.00	1.41	mg/kg dry	100	11/02/23 19:26	6010B		AES
Selenium	<20.0	20.0	9.47	mg/kg dry	100	11/03/23 17:38	6010B		AES
Silver	<1.00	1.00	0.460	mg/kg dry	100	11/02/23 19:25	6010B		AES
Zinc	20.9	10.0	1.24	mg/kg dry	100	11/02/23 19:26	6010B		AES

**Total Metals by ICPMS**

Arsenic	3.71	1.00	0.158	mg/kg dry	1000	11/06/23 16:33	6020A		AES
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**Hot Water Extractable**

Boron	<1.20	1.20	0.568	mg/L	4	11/01/23 21:21	EPA200.7		AES
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**Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240**

**Petroleum Hydrocarbons by GC FID**

DRO >C10-C28*	17.6	10.0	4.26	mg/kg	1	11/02/23 03:18	8015B		MS
EXT DRO >C28-C36	<10.0	10.0	4.26	mg/kg	1	11/02/23 03:18	8015B		MS
GRO C6-C10*	<10.0	10.0	6.25	mg/kg	1	11/02/23 03:18	8015B		MS

Surrogate: 1-Chlorooctadecane 106 % 49.1-148 11/02/23 03:18 8015B MS

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Veronica Wells, Project Manager

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Cottonwood Consulting	Project: Table 915-1	
PO Box 1653	Project Name / Number: Harris (OWP) #5	<b>Reported:</b>
Durango CO, 81302	Project Manager: Jacob Harter	11/09/23 15:54

SS02

2310256-02 (Soil)

Sampled Date: 10/25/23 11:40

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Petroleum Hydrocarbons by GC FID

Surrogate: 1-Chlorooctane	94.3 %	48.2-134				11/02/23 03:18	8015B		MS
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VOLATILES BY GC/MS

1,2,4-Trimethylbenzene	<0.0250	0.0250	0.00650	mg/kg	50	11/02/23 16:53	8260B		MS
1,3,5-Trimethylbenzene	<0.0250	0.0250	0.00450	mg/kg	50	11/02/23 16:53	8260B		MS
Benzene*	<0.0250	0.0250	0.00885	mg/kg	50	11/02/23 16:53	8260B		MS
Ethylbenzene*	<0.0250	0.0250	0.00405	mg/kg	50	11/02/23 16:53	8260B		MS
m+p - Xylene*	<0.0500	0.0500	0.0186	mg/kg	50	11/02/23 16:53	8260B		MS
Naphthalene*	<0.0250	0.0250	0.00500	mg/kg	50	11/02/23 16:53	8260B		MS
o-Xylene*	<0.0250	0.0250	0.00700	mg/kg	50	11/02/23 16:53	8260B		MS
Toluene*	<0.0250	0.0250	0.00670	mg/kg	50	11/02/23 16:53	8260B		MS
Total Xylenes*	<0.0750	0.0750	0.0256	mg/kg	50	11/02/23 16:53	8260B		MS

Surrogate: 4-Bromofluorobenzene	98.6 %	82.5-117				11/02/23 16:53	8260B		MS
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Surrogate: Dibromofluoromethane	98.7 %	84.6-114				11/02/23 16:53	8260B		MS
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Surrogate: Toluene-d8	102 %	90.4-109				11/02/23 16:53	8260B		MS
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Polynuclear Aromatic Compounds by GC/MS

1-Methylnaphthalene	<0.016	0.040	0.016	mg/kg	40	11/07/23 18:17	8270C		MS
2-Methylnaphthalene*	<0.023	0.040	0.023	mg/kg	40	11/07/23 18:17	8270C		MS
Acenaphthene*	<0.024	0.040	0.024	mg/kg	40	11/07/23 18:17	8270C		MS
Anthracene*	<0.017	0.040	0.017	mg/kg	40	11/07/23 18:17	8270C		MS
Benzo[a]anthracene*	<0.023	0.040	0.023	mg/kg	40	11/07/23 18:17	8270C		MS
Benzo[a]pyrene*	<0.018	0.040	0.018	mg/kg	40	11/07/23 18:17	8270C		MS
Benzo[b]fluoranthene*	<0.019	0.040	0.019	mg/kg	40	11/07/23 18:17	8270C		MS
Benzo[k]fluoranthene*	<0.016	0.040	0.016	mg/kg	40	11/07/23 18:17	8270C		MS
Chrysene	<0.017	0.040	0.017	mg/kg	40	11/07/23 18:17	8270C		MS
Dibenz[a,h]anthracene*	<0.019	0.040	0.019	mg/kg	40	11/07/23 18:17	8270C		MS
Fluoranthene*	<0.019	0.040	0.019	mg/kg	40	11/07/23 18:17	8270C		MS
Fluorene*	<0.014	0.040	0.014	mg/kg	40	11/07/23 18:17	8270C		MS
Indeno[1,2,3-cd]pyrene*	<0.017	0.040	0.017	mg/kg	40	11/07/23 18:17	8270C		MS

Green Analytical Laboratories

Veronica J Wells

Veronica Wells, Project Manager

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Cottonwood Consulting	Project: Table 915-1	
PO Box 1653	Project Name / Number: Harris (OWP) #5	<b>Reported:</b>
Durango CO, 81302	Project Manager: Jacob Harter	11/09/23 15:54

**SS02**

**2310256-02 (Soil)**

**Sampled Date: 10/25/23 11:40**

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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**Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240**

**Polynuclear Aromatic Compounds by GC/MS**

<b>Naphthalene*</b>	<0.015	0.040	0.015	mg/kg	40	11/07/23 18:17	8270C		MS
<b>Pyrene*</b>	<0.013	0.040	0.013	mg/kg	40	11/07/23 18:17	8270C		MS
<i>Surrogate: 2-Fluorobiphenyl</i>			62.9 %	39.8-134		11/07/23 18:17	8270C		MS
<i>Surrogate: Nitrobenzene-d5</i>			58.2 %	39.6-121		11/07/23 18:17	8270C		MS
<i>Surrogate: Terphenyl-d14</i>			58.1 %	33.3-136		11/07/23 18:17	8270C		MS

Green Analytical Laboratories

Veronica Wells, Project Manager

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Cottonwood Consulting PO Box 1653 Durango CO, 81302	Project: Table 915-1 Project Name / Number: Harris (OWP) #5 Project Manager: Jacob Harter	Reported: 11/09/23 15:54
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**SS03**

**2310256-03 (Soil)**

**Sampled Date: 10/25/23 11:55**

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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**General Chemistry**

Hexavalent Chromium	<0.250	0.250	0.191	mg/kg dry	25	11/08/23 10:46	3060A/3500-Cr B		AWG
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**Saturated Paste Extraction**

Calcium	175	0.500	0.289	mg/L	5	11/01/23 19:00	EPA200.7		AES
Conductivity	2070			umho/cm@25 C	1	10/31/23 12:25	ASA#9 10-3.3		AES
Magnesium	39.1	0.500	0.327	mg/L	5	11/01/23 19:01	EPA200.7		AES
pH	7.94			pH Units	1	10/31/23 12:14	ASA#9 10-3.2		AES
SAR	2.97			No Unit	1	11/01/23 19:00	Calculation		AES
Sodium	167	5.00	0.396	mg/L	5	11/01/23 19:00	EPA200.7		AES

**Total Metals by ICP**

Barium	187	5.00	0.942	mg/kg dry	100	11/02/23 19:35	6010B		AES
Cadmium	<5.00	5.00	1.29	mg/kg dry	100	11/02/23 19:35	6010B		AES
Chromium	9.59	5.00	4.53	mg/kg dry	100	11/02/23 19:35	6010B		AES
Copper	54.6	10.0	4.61	mg/kg dry	100	11/02/23 19:35	6010B		AES
Lead	10.3	10.0	1.88	mg/kg dry	100	11/03/23 17:48	6010B		AES
Nickel	6.11	5.00	1.41	mg/kg dry	100	11/02/23 19:35	6010B		AES
Selenium	<20.0	20.0	9.47	mg/kg dry	100	11/03/23 17:47	6010B		AES
Silver	<1.00	1.00	0.460	mg/kg dry	100	11/02/23 19:35	6010B		AES
Zinc	32.3	10.0	1.24	mg/kg dry	100	11/03/23 17:48	6010B		AES

**Total Metals by ICPMS**

Arsenic	10.1	1.00	0.158	mg/kg dry	1000	11/06/23 17:44	6020A		AES
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**Hot Water Extractable**

Boron	<1.20	1.20	0.568	mg/L	4	11/01/23 21:23	EPA200.7		AES
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**Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240**

**Petroleum Hydrocarbons by GC FID**

DRO >C10-C28*	<10.0	10.0	4.26	mg/kg	1	11/02/23 03:41	8015B		MS
EXT DRO >C28-C36	<10.0	10.0	4.26	mg/kg	1	11/02/23 03:41	8015B		MS
GRO C6-C10*	<10.0	10.0	6.25	mg/kg	1	11/02/23 03:41	8015B		MS

Surrogate: 1-Chlorooctadecane 103 % 49.1-148 11/02/23 03:41 8015B MS

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*Veronica J Wells*

Veronica Wells, Project Manager

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Cottonwood Consulting	Project: Table 915-1	
PO Box 1653	Project Name / Number: Harris (OWP) #5	<b>Reported:</b>
Durango CO, 81302	Project Manager: Jacob Harter	11/09/23 15:54

SS03

2310256-03 (Soil)

Sampled Date: 10/25/23 11:55

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Petroleum Hydrocarbons by GC FID

Surrogate: 1-Chlorooctane	91.6 %	48.2-134				11/02/23 03:41	8015B		MS
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VOLATILES BY GC/MS

1,2,4-Trimethylbenzene	<0.0250	0.0250	0.00650	mg/kg	50	11/02/23 17:17	8260B		MS
1,3,5-Trimethylbenzene	<0.0250	0.0250	0.00450	mg/kg	50	11/02/23 17:17	8260B		MS
Benzene*	<0.0250	0.0250	0.00885	mg/kg	50	11/02/23 17:17	8260B		MS
Ethylbenzene*	<0.0250	0.0250	0.00405	mg/kg	50	11/02/23 17:17	8260B		MS
m+p - Xylene*	<0.0500	0.0500	0.0186	mg/kg	50	11/02/23 17:17	8260B		MS
Naphthalene*	<0.0250	0.0250	0.00500	mg/kg	50	11/02/23 17:17	8260B		MS
o-Xylene*	<0.0250	0.0250	0.00700	mg/kg	50	11/02/23 17:17	8260B		MS
Toluene*	<0.0250	0.0250	0.00670	mg/kg	50	11/02/23 17:17	8260B		MS
Total Xylenes*	<0.0750	0.0750	0.0256	mg/kg	50	11/02/23 17:17	8260B		MS

Surrogate: 4-Bromofluorobenzene	98.1 %	82.5-117				11/02/23 17:17	8260B		MS
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Surrogate: Dibromofluoromethane	99.7 %	84.6-114				11/02/23 17:17	8260B		MS
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Surrogate: Toluene-d8	101 %	90.4-109				11/02/23 17:17	8260B		MS
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Polynuclear Aromatic Compounds by GC/MS

1-Methylnaphthalene	<0.016	0.040	0.016	mg/kg	40	11/07/23 18:49	8270C		MS
2-Methylnaphthalene*	<0.023	0.040	0.023	mg/kg	40	11/07/23 18:49	8270C		MS
Acenaphthene*	<0.024	0.040	0.024	mg/kg	40	11/07/23 18:49	8270C		MS
Anthracene*	<0.017	0.040	0.017	mg/kg	40	11/07/23 18:49	8270C		MS
Benzo[a]anthracene*	<0.023	0.040	0.023	mg/kg	40	11/07/23 18:49	8270C		MS
Benzo[a]pyrene*	<0.018	0.040	0.018	mg/kg	40	11/07/23 18:49	8270C		MS
Benzo[b]fluoranthene*	<0.019	0.040	0.019	mg/kg	40	11/07/23 18:49	8270C		MS
Benzo[k]fluoranthene*	<0.016	0.040	0.016	mg/kg	40	11/07/23 18:49	8270C		MS
Chrysene	<0.017	0.040	0.017	mg/kg	40	11/07/23 18:49	8270C		MS
Dibenz[a,h]anthracene*	<0.019	0.040	0.019	mg/kg	40	11/07/23 18:49	8270C		MS
Fluoranthene*	<0.019	0.040	0.019	mg/kg	40	11/07/23 18:49	8270C		MS
Fluorene*	<0.014	0.040	0.014	mg/kg	40	11/07/23 18:49	8270C		MS
Indeno[1,2,3-cd]pyrene*	<0.017	0.040	0.017	mg/kg	40	11/07/23 18:49	8270C		MS

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Veronica J Wells

Veronica Wells, Project Manager

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Cottonwood Consulting	Project: Table 915-1	
PO Box 1653	Project Name / Number: Harris (OWP) #5	<b>Reported:</b>
Durango CO, 81302	Project Manager: Jacob Harter	11/09/23 15:54

**SS03**

**2310256-03 (Soil)**

**Sampled Date: 10/25/23 11:55**

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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**Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240**

**Polynuclear Aromatic Compounds by GC/MS**

<b>Naphthalene*</b>	<0.015	0.040	0.015	mg/kg	40	11/07/23 18:49	8270C		MS
<b>Pyrene*</b>	<0.013	0.040	0.013	mg/kg	40	11/07/23 18:49	8270C		MS
<i>Surrogate: 2-Fluorobiphenyl</i>			79.3 %	39.8-134		11/07/23 18:49	8270C		MS
<i>Surrogate: Nitrobenzene-d5</i>			69.0 %	39.6-121		11/07/23 18:49	8270C		MS
<i>Surrogate: Terphenyl-d14</i>			83.3 %	33.3-136		11/07/23 18:49	8270C		MS

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Cottonwood Consulting	Project: Table 915-1	
PO Box 1653	Project Name / Number: Harris (OWP) #5	<b>Reported:</b>
Durango CO, 81302	Project Manager: Jacob Harter	11/09/23 15:54

**General Chemistry - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B233235 - General Prep - Wet Chem</b>										
<b>Blank (B233235-BLK1)</b>										
Prepared: 10/30/23 Analyzed: 11/08/23										
Hexavalent Chromium	ND	0.250	mg/kg dry							
<b>LCS (B233235-BS1)</b>										
Prepared: 10/30/23 Analyzed: 11/08/23										
Hexavalent Chromium	2.41	0.250	mg/kg dry	2.50		96.5	85-115			

**Saturated Paste Extraction - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B233230 - Paste Extract</b>										
<b>Reference (B233230-SRM1)</b>										
Prepared: 10/30/23 Analyzed: 10/31/23										
pH	7.43		pH Units	7.35		101	92-108			
<b>Batch B233231 - Paste Extract</b>										
<b>Reference (B233231-SRM1)</b>										
Prepared: 10/30/23 Analyzed: 10/31/23										
Conductivity	5410		umho/cm@2 5C	6480		83.5	90-110			BS3

**Batch B233232 - General Prep-SOILS**

<b>Blank (B233232-BLK1)</b>										
Prepared: 10/30/23 Analyzed: 11/01/23										
Calcium	ND	0.100	mg/L							
Magnesium	ND	0.100	mg/L							
SAR	0.00		No Unit							
Sodium	ND	1.00	mg/L							
<b>Reference (B233232-SRM1)</b>										
Prepared: 10/30/23 Analyzed: 11/02/23										
SAR	6.13		No Unit	6.20		98.9	90-110			

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Cottonwood Consulting	Project: Table 915-1	
PO Box 1653	Project Name / Number: Harris (OWP) #5	<b>Reported:</b>
Durango CO, 81302	Project Manager: Jacob Harter	11/09/23 15:54

**Total Metals by ICP - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B233258 - EPA 3050**

**Blank (B233258-BLK1)**

Prepared: 10/31/23 Analyzed: 11/01/23

Barium	ND	5.00	mg/kg dry							
Cadmium	ND	5.00	mg/kg dry							
Chromium	ND	5.00	mg/kg dry							
Copper	ND	10.0	mg/kg dry							
Lead	ND	10.0	mg/kg dry							
Nickel	ND	5.00	mg/kg dry							
Selenium	ND	20.0	mg/kg dry							
Silver	ND	1.00	mg/kg dry							
Zinc	ND	10.0	mg/kg dry							

**LCS (B233258-BS1)**

Prepared: 10/31/23 Analyzed: 11/01/23

Barium	195	5.00	mg/kg dry	200		97.4	80-120			
Cadmium	183	5.00	mg/kg dry	200		91.5	80-120			
Chromium	197	5.00	mg/kg dry	200		98.3	80-120			
Copper	403	10.0	mg/kg dry	400		101	80-120			
Lead	188	10.0	mg/kg dry	200		94.0	80-120			
Nickel	189	5.00	mg/kg dry	200		94.3	80-120			
Selenium	817	20.0	mg/kg dry	800		102	80-120			
Silver	9.83	1.00	mg/kg dry	10.0		98.3	80-120			
Zinc	178	10.0	mg/kg dry	200		88.8	80-120			

**LCS Dup (B233258-BSD1)**

Prepared: 10/31/23 Analyzed: 11/01/23

Barium	193	5.00	mg/kg dry	200		96.5	80-120	0.934	20	
Cadmium	181	5.00	mg/kg dry	200		90.3	80-120	1.31	20	
Chromium	195	5.00	mg/kg dry	200		97.3	80-120	1.04	20	
Copper	402	10.0	mg/kg dry	400		100	80-120	0.235	20	
Lead	187	10.0	mg/kg dry	200		93.6	80-120	0.411	20	
Nickel	188	5.00	mg/kg dry	200		93.8	80-120	0.511	20	
Selenium	813	20.0	mg/kg dry	800		102	80-120	0.454	20	
Silver	9.65	1.00	mg/kg dry	10.0		96.5	80-120	1.85	20	
Zinc	176	10.0	mg/kg dry	200		88.1	80-120	0.766	20	

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Cottonwood Consulting	Project: Table 915-1	
PO Box 1653	Project Name / Number: Harris (OWP) #5	<b>Reported:</b>
Durango CO, 81302	Project Manager: Jacob Harter	11/09/23 15:54

**Total Metals by ICPMS - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B233260 - EPA 3050M**

**Blank (B233260-BLK1)**

Prepared: 10/31/23 Analyzed: 11/06/23

Arsenic	ND	0.100	mg/kg dry							
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**LCS (B233260-BS1)**

Prepared: 10/31/23 Analyzed: 11/06/23

Arsenic	5.31	0.100	mg/kg dry	5.00		106	80-120			
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**LCS Dup (B233260-BSD1)**

Prepared: 10/31/23 Analyzed: 11/06/23

Arsenic	5.40	0.100	mg/kg dry	5.00		108	80-120	1.60	20	
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**Batch B233261 - EPA 3050M**

**Blank (B233261-BLK1)**

Prepared: 10/31/23 Analyzed: 11/06/23

Arsenic	ND	0.100	mg/kg dry							
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**LCS (B233261-BS1)**

Prepared: 10/31/23 Analyzed: 11/06/23

Arsenic	5.18	0.100	mg/kg dry	5.00		104	80-120			
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**LCS Dup (B233261-BSD1)**

Prepared: 10/31/23 Analyzed: 11/06/23

Arsenic	5.22	0.100	mg/kg dry	5.00		104	80-120	0.587	20	
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**Hot Water Extractable - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B233239 - General Prep-SOILS**

**Blank (B233239-BLK1)**

Prepared: 10/30/23 Analyzed: 11/01/23

Boron	ND	1.20	mg/L							
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Cottonwood Consulting	Project: Table 915-1	
PO Box 1653	Project Name / Number: Harris (OWP) #5	<b>Reported:</b>
Durango CO, 81302	Project Manager: Jacob Harter	11/09/23 15:54

**Petroleum Hydrocarbons by GC FID - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 3110116 - General Prep - Organics**

**Blank (3110116-BLK1)**

Prepared: 11/01/23 Analyzed: 11/02/23

Surrogate: 1-Chlorooctadecane	54.6		mg/kg	50.0		109	49.1-148			
Surrogate: 1-Chlorooctane	48.2		mg/kg	50.0		96.3	48.2-134			
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
GRO C6-C10	ND	10.0	mg/kg							

**LCS (3110116-BS1)**

Prepared: 11/01/23 Analyzed: 11/02/23

Surrogate: 1-Chlorooctadecane	54.8		mg/kg	50.0		110	49.1-148			
Surrogate: 1-Chlorooctane	49.6		mg/kg	50.0		99.3	48.2-134			
DRO >C10-C28	184	10.0	mg/kg	200		91.8	66.5-118			
GRO C6-C10	192	10.0	mg/kg	200		96.0	66.4-123			
Total TPH C6-C28	375	10.0	mg/kg	400		93.9	77.6-123			

**LCS Dup (3110116-BSD1)**

Prepared: 11/01/23 Analyzed: 11/02/23

Surrogate: 1-Chlorooctadecane	54.2		mg/kg	50.0		108	49.1-148			
Surrogate: 1-Chlorooctane	50.0		mg/kg	50.0		100	48.2-134			
DRO >C10-C28	172	10.0	mg/kg	200		86.0	66.5-118	6.47	21	
GRO C6-C10	178	10.0	mg/kg	200		89.0	66.4-123	7.53	17.7	
Total TPH C6-C28	350	10.0	mg/kg	400		87.5	77.6-123	7.01	18.5	

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Cottonwood Consulting	Project: Table 915-1	
PO Box 1653	Project Name / Number: Harris (OWP) #5	Reported:
Durango CO, 81302	Project Manager: Jacob Harter	11/09/23 15:54

**VOLATILES BY GC/MS - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 3103057 - Volatiles**

**Blank (3103057-BLK1)**

Prepared: 10/30/23 Analyzed: 11/02/23

1,2,4-Trimethylbenzene	ND	0.0250	mg/kg							
1,3,5-Trimethylbenzene	ND	0.0250	mg/kg							
<i>Surrogate: 4-Bromofluorobenzene</i>	1.26		mg/kg	1.25		101	82.5-117			
Benzene	ND	0.0250	mg/kg							
<i>Surrogate: Dibromofluoromethane</i>	1.24		mg/kg	1.25		98.8	84.6-114			
Ethylbenzene	ND	0.0250	mg/kg							
m+p - Xylene	ND	0.0500	mg/kg							
Naphthalene	ND	0.0250	mg/kg							
o-Xylene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	mg/kg							
<i>Surrogate: Toluene-d8</i>	1.25		mg/kg	1.25		99.7	90.4-109			
Total Xylenes	ND	0.0750	mg/kg							

**LCS (3103057-BS1)**

Prepared: 10/30/23 Analyzed: 11/02/23

1,2,4-Trimethylbenzene	0.527	0.0250	mg/kg	0.500		105	62.4-140			
1,3,5-Trimethylbenzene	0.525	0.0250	mg/kg	0.500		105	64.4-138			
<i>Surrogate: 4-Bromofluorobenzene</i>	1.30		mg/kg	1.25		104	82.5-117			
Benzene	0.495	0.0250	mg/kg	0.500		99.0	73-130			
<i>Surrogate: Dibromofluoromethane</i>	1.20		mg/kg	1.25		95.7	84.6-114			
Ethylbenzene	0.524	0.0250	mg/kg	0.500		105	75.4-127			
m+p - Xylene	1.05	0.0500	mg/kg	1.00		105	71.8-133			
Naphthalene	0.453	0.0250	mg/kg	0.500		90.5	28.7-158			
o-Xylene	0.522	0.0250	mg/kg	0.500		104	78.6-125			
Toluene	0.495	0.0250	mg/kg	0.500		99.1	79-122			
<i>Surrogate: Toluene-d8</i>	1.28		mg/kg	1.25		102	90.4-109			
Total Xylenes	1.58	0.0750	mg/kg	1.50		105	74.6-130			

**LCS Dup (3103057-BSD1)**

Prepared: 10/30/23 Analyzed: 11/02/23

1,2,4-Trimethylbenzene	0.535	0.0250	mg/kg	0.500		107	62.4-140	1.46	38.2	
1,3,5-Trimethylbenzene	0.536	0.0250	mg/kg	0.500		107	64.4-138	2.13	39.1	
<i>Surrogate: 4-Bromofluorobenzene</i>	1.30		mg/kg	1.25		104	82.5-117			
Benzene	0.494	0.0250	mg/kg	0.500		98.8	73-130	0.156	17.1	
<i>Surrogate: Dibromofluoromethane</i>	1.21		mg/kg	1.25		97.0	84.6-114			
Ethylbenzene	0.526	0.0250	mg/kg	0.500		105	75.4-127	0.562	16.5	
m+p - Xylene	1.08	0.0500	mg/kg	1.00		108	71.8-133	2.13	19.1	
Naphthalene	0.466	0.0250	mg/kg	0.500		93.2	28.7-158	2.93	64	
o-Xylene	0.540	0.0250	mg/kg	0.500		108	78.6-125	3.40	13.2	
Toluene	0.501	0.0250	mg/kg	0.500		100	79-122	1.19	18.3	

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Veronica Wells, Project Manager

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Cottonwood Consulting	Project: Table 915-1	
PO Box 1653	Project Name / Number: Harris (OWP) #5	<b>Reported:</b>
Durango CO, 81302	Project Manager: Jacob Harter	11/09/23 15:54

**VOLATILES BY GC/MS - Quality Control  
(Continued)**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 3103057 - Volatiles (Continued)**

**LCS Dup (3103057-BSD1) (Continued)**

Prepared: 10/30/23 Analyzed: 11/02/23

Surrogate: Toluene-d8	1.28		mg/kg	1.25		102	90.4-109			
Total Xylenes	1.62	0.0750	mg/kg	1.50		108	74.6-130	2.55	16.5	

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Veronica Wells, Project Manager

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Cottonwood Consulting	Project: Table 915-1	
PO Box 1653	Project Name / Number: Harris (OWP) #5	<b>Reported:</b>
Durango CO, 81302	Project Manager: Jacob Harter	11/09/23 15:54

**Polynuclear Aromatic Compounds by GC/MS - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 3102721 - SW846-3510**

**Blank (3102721-BLK1)**

Prepared: 10/27/23 Analyzed: 11/07/23

1-Methylnaphthalene	ND	0.040	mg/kg							
<i>Surrogate: 2-Fluorobiphenyl</i>	1.75		mg/kg	2.00		87.3	39.8-134			
2-Methylnaphthalene	ND	0.040	mg/kg							
Acenaphthene	ND	0.040	mg/kg							
Anthracene	ND	0.040	mg/kg							
Benzo[a]anthracene	ND	0.040	mg/kg							
Benzo[a]pyrene	ND	0.040	mg/kg							
Benzo[b]flouranthene	ND	0.040	mg/kg							
Benzo[k]flouranthene	ND	0.040	mg/kg							
Chrysene	ND	0.040	mg/kg							
Dibenz[a,h]anthracene	ND	0.040	mg/kg							
Fluoranthene	ND	0.040	mg/kg							
Fluorene	ND	0.040	mg/kg							
Indeno[1,2,3-cd]pyrene	ND	0.040	mg/kg							
Naphthalene	ND	0.040	mg/kg							
<i>Surrogate: Nitrobenzene-d5</i>	1.54		mg/kg	2.00		77.2	39.6-121			
Pyrene	ND	0.040	mg/kg							
<i>Surrogate: Terphenyl-d14</i>	1.99		mg/kg	2.00		99.4	33.3-136			

**LCS (3102721-BS1)**

Prepared: 10/27/23 Analyzed: 11/08/23

1-Methylnaphthalene	0.365	0.040	mg/kg	0.400		91.2	57.6-108			
<i>Surrogate: 2-Fluorobiphenyl</i>	1.85		mg/kg	2.00		92.7	39.8-134			
2-Methylnaphthalene	0.377	0.040	mg/kg	0.400		94.3	59-106			
Acenaphthene	0.373	0.040	mg/kg	0.400		93.2	60.9-105			
Acenaphthylene	0.387	0.040	mg/kg	0.400		96.6	57.4-107			
Anthracene	0.366	0.040	mg/kg	0.400		91.4	60.8-105			
Benzo[a]anthracene	0.370	0.040	mg/kg	0.400		92.6	56.1-121			
Benzo[a]pyrene	0.388	0.040	mg/kg	0.400		97.0	56.7-115			
Benzo[b]flouranthene	0.369	0.040	mg/kg	0.400		92.2	45.4-128			
Benzo[g,h,i]perylene	0.407	0.040	mg/kg	0.400		102	56.5-107			
Benzo[k]flouranthene	0.410	0.040	mg/kg	0.400		102	49.6-119			
Carbazole	0.380	0.040	mg/kg	0.400		95.0	59.7-107			
Chrysene	0.392	0.040	mg/kg	0.400		97.9	12.2-190			
Dibenz[a,h]anthracene	0.405	0.040	mg/kg	0.400		101	59.1-111			
Fluoranthene	0.392	0.040	mg/kg	0.400		98.0	60.6-111			
Fluorene	0.381	0.040	mg/kg	0.400		95.2	59.3-108			
Indeno[1,2,3-cd]pyrene	0.423	0.040	mg/kg	0.400		106	53.4-116			
Naphthalene	0.365	0.040	mg/kg	0.400		91.3	56.5-106			

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Cottonwood Consulting	Project: Table 915-1	
PO Box 1653	Project Name / Number: Harris (OWP) #5	<b>Reported:</b>
Durango CO, 81302	Project Manager: Jacob Harter	11/09/23 15:54

**Polynuclear Aromatic Compounds by GC/MS - Quality Control  
(Continued)**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 3102721 - SW846-3510 (Continued)**

**LCS (3102721-BS1) (Continued)**

Prepared: 10/27/23 Analyzed: 11/08/23

<i>Surrogate: Nitrobenzene-d5</i>	1.56		mg/kg	2.00		77.9	39.6-121			
Phenanthrene	0.385	0.040	mg/kg	0.400		96.2	59.9-107			
Pyrene	0.375	0.040	mg/kg	0.400		93.7	51.5-122			
<i>Surrogate: Terphenyl-d14</i>	2.17		mg/kg	2.00		109	33.3-136			

**LCS Dup (3102721-BSD1)**

Prepared: 10/27/23 Analyzed: 11/07/23

1-Methylnaphthalene	0.363	0.040	mg/kg	0.400		90.9	57.6-108	0.379	6.22	
<i>Surrogate: 2-Fluorobiphenyl</i>	1.89		mg/kg	2.00		94.7	39.8-134			
2-Methylnaphthalene	0.379	0.040	mg/kg	0.400		94.8	59-106	0.558	6.23	
Acenaphthene	0.376	0.040	mg/kg	0.400		94.0	60.9-105	0.911	8.18	
Acenaphthylene	0.390	0.040	mg/kg	0.400		97.5	57.4-107	0.914	5	
Anthracene	0.363	0.040	mg/kg	0.400		90.6	60.8-105	0.868	3.68	
Benzo[a]anthracene	0.363	0.040	mg/kg	0.400		90.8	56.1-121	1.91	9.01	
Benzo[a]pyrene	0.370	0.040	mg/kg	0.400		92.5	56.7-115	4.73	4.92	
Benzo[b]fluoranthene	0.370	0.040	mg/kg	0.400		92.5	45.4-128	0.314	7.63	
Benzo[g,h,i]perylene	0.392	0.040	mg/kg	0.400		98.0	56.5-107	3.73	12.5	
Benzo[k]fluoranthene	0.396	0.040	mg/kg	0.400		99.1	49.6-119	3.31	10.6	
Carbazole	0.383	0.040	mg/kg	0.400		95.7	59.7-107	0.650	8.65	
Chrysene	0.384	0.040	mg/kg	0.400		96.0	12.2-190	1.95	21.8	
Dibenz[a,h]anthracene	0.388	0.040	mg/kg	0.400		97.0	59.1-111	4.18	11.6	
Fluoranthene	0.383	0.040	mg/kg	0.400		95.7	60.6-111	2.32	7.54	
Fluorene	0.385	0.040	mg/kg	0.400		96.3	59.3-108	1.11	5.49	
Indeno[1,2,3-cd]pyrene	0.416	0.040	mg/kg	0.400		104	53.4-116	1.76	22.3	
Naphthalene	0.375	0.040	mg/kg	0.400		93.8	56.5-106	2.70	4.56	
<i>Surrogate: Nitrobenzene-d5</i>	1.72		mg/kg	2.00		86.1	39.6-121			
Phenanthrene	0.377	0.040	mg/kg	0.400		94.3	59.9-107	1.97	5.21	
Pyrene	0.370	0.040	mg/kg	0.400		92.5	51.5-122	1.26	10.6	
<i>Surrogate: Terphenyl-d14</i>	2.09		mg/kg	2.00		105	33.3-136			

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Cottonwood Consulting	Project: Table 915-1	
PO Box 1653	Project Name / Number: Harris (OWP) #5	<b>Reported:</b>
Durango CO, 81302	Project Manager: Jacob Harter	11/09/23 15:54

**Notes and Definitions**

- BS3 Laboratory control sample did not meet laboratory acceptance criteria.
- 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  
\*Results reported on as received basis unless designated as dry.
- RPD Relative Percent Difference
- LCS Laboratory Control Sample (Blank Spike)
- RL Report Limit
- MDL Method Detection Limit

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service@greenanalytical.com or dzufelt@greenanalytical.com  
 75 Suttle St Durango, CO 81303

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: Cottonwood Consulting

Project Manager: Jacob Harter

Address: PO Box 1653

City: Durango

Phone #: (970) 946-3761

Additional Report To:

Project Name:

Project Number:

Sampler Name (Print):

FOR LAB USE ONLY

Bill to (if different):

P.O. #:

Company:

State: CO Zip: 81302

Attn:

Address:

City:

State:

Zip:

Phone #:

Fax or Email:

Matrix (check one)

GROUNDWATER

SURFACEWATER

WASTEWATER

PRODUCEDWATER

SOIL

OTHER :

No preservation (general)

HNO<sub>3</sub>

HCl

H<sub>2</sub>SO<sub>4</sub>

Other:

Other:

Other:

# of containers

Collected

Date

Time

Sample Name or Location

Lab I.D.

2410-250

01

02

03

ANALYSIS REQUEST

ECMC Table 415

X X X

ADDITIONAL REMARKS:

Report to State? (Circle)

Yes

No

PLEASE NOTE: GAL's liability and client's exclusion remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by GAL within 30 days after completion. In no event shall GAL be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by GAL, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:

Date: 10-25-23

Received By:

ADDITIONAL REMARKS:

Yes

No

Relinquished By:

Date: 10-25-23

Received By:

Relinquished By:

Date:

Received By:

Relinquished By:

Date:

Received By:

Delivered By: (Circle One)

UPS - FedEx - Kangaroo - Other:

Temperature at receipt:

CHECKED BY:

\* Chain of Custody must be signed in "Relinquished By:" as an acceptance of services and all applicable charges.

**SAMPLE CONDITION RECEIPT FORM**

Client Name: Cottonwood Consulting

Work Order # 7310-256

Courier:  Fed Ex  UPS  USPS  Client  Kangaroo

Custody Seals on Box/Cooler Present:  Yes  No

Seals Intact:  Yes  No

Thermometer Used: 2 Samples on ice, cooling process has begun:  Yes  No

Type of Ice:  Wet  Blue  None

Cooler Temp: Observed Temp: 16.3 °C Correction Factor: 2 °C Final Temp: 18.3 °C

\* Temp should be above freezing to 6°C

Date/Initials of person examining contents: 10/20/08  
EL

Labeled by Initials: \_\_\_\_\_  
(If different than above)

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished:	<input type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name and Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	4.
Samples arrived within hold time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Dissolved Testing Needed:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	11.
Field Filtered: <input type="checkbox"/> Yes <input type="checkbox"/> No		
Sample Labels match COC: -Includes Date/Time/ID	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
Matrix:	WT <u>SL</u> OT	
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

Client Notification/Resolution:

Person Contacted: \_\_\_\_\_

Date/Time: \_\_\_\_\_

Comments/Resolution: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_