

2904 W 2nd St. Roswell, NM 88201 voice: 575.624.2420 fax: 575.624.2421 www.atkinseng.com

September 21, 2023

NMOCD District 2 1811 S. First St., Artesia, New Mexico 88210

SUBJECT: Remediation Closure Report for the MAL-Blackcat 8" Poly Line Release (NAPP2315350925), Eddy County, New Mexico

Dear NMOCD District 2,

On behalf of Frontier Field Services, LLC, Atkins Engineering Associates INC. (AEA) has prepared this Remediation Closure Report that describes the remediation of a release of liquids related to gas pipeline activities at the Mal – Blackcat 8" Poly Line. The site is in Unit D, Section 23, Township 17S, Range 28E, Eddy County, New Mexico, on Private land. Figure 1 illustrates the vicinity and site location on an USGS 7.5-minute quadrangle map.

Table 1 summarizes release information and Closure Criteria.

	Table 1: Release Information	on and Closure	Criteria		
Name	Mal – Blackcat 8" Poly Line	Company	Frontier Field Services, LLC		
API Number	N/A	Location	32.82442 -104.152701		
Incident Number	N	APP2315350925	5		
Estimated Date of Release	5/29/23	Date Reported to NMOCD	6/2/23		
Land Owner	Private	Reported To	NMOCD		
Source of Release	2" poly vent blowout due to high pressure thershold				
Released Volume	11 BBLS 158.68 MCF	Released Material	Condensate Gas		
Recovered Volume	0	Net Release	11 BBLS 158.68 Gas		
NMOCD Closure Criteria	<50 feet to Groundwater				
AEA Response Dates	6/23,7/21/2023				

MAL-Blackcat 8" Poly Line Remediation Closure Report (nAPP2315350925) September 21, 2023

1.0 Background

On May 29, 2023,, a release was discovered at the Mal-Blackcat 8" Poly Line pipeline due to a 2" poly vent blowout due to high pressure threshold. Initial response activities were conducted by the operator, and included source elimination by means of repair and immediate site stabilization and release recovery. Figures 1 and 2 illustrate the vicinity and site location, Figure 3 illustrates the release location. The C-141 forms are included in Appendix A.

2.0 Site Information and Closure Criteria

The Mal-Blackcat 8" Poly Line is located approximately 15 miles East of Artesia, New Mexico on privately-owned land at an elevation of approximately 3657 feet above mean sea level (amsl).

Based upon the New Mexico Office of the State Engineers (NMOSE) online water well database, (Appendix B), depth to groundwater in the area is estimated to be 58 feet below grade surface (bgs). There are no known water sources within ½-mile of the location, according to the NMOSE database. (https://gis.ose.state.nm.us/gisapps/ose_pod_locations/; accessed 4/10/2019). The nearest significant watercourse is unnamed water body, located approximately 2,224.6 feet northeast of the location. Figure 2 illustrates the site with 200 and 300-foot radii to indicate that it does not lie within a sensitive area as described in 19.15.29.12.C(4) NMAC.

Based on the information presented herein, the applicable NMOCD Closure Criteria for this site is for a groundwater depth of less than 50 feet bgs. The site has been restored to meet the standards of Table I of 19.15.29.12 NMAC.

Table 2 demonstrates the Closure Criteria applicable to this location. Pertinent well data is attached in Appendix B.

3.0 Release Characterization and Remediation Activities

On May 23, 2023, Frontier Field Services, LLC personnel arrived on site in response to the release associated with MAL – Blackcat 8" Poly Line. AEA performed site delineation activities on June 23, 2023 and July 21, 2023 by collecting soil samples around the release site and throughout the previously excavated area. Soil samples were field-screened for chloride using an electrical conductivity (EC) meter.

A total of 34 sample locations (B1-B11) were investigated using a hand-auger, to depths up to 5 feet bgs. A minimum of two samples were collected at each sampling location and field-screened using the method above. A total of 34 samples were collected for laboratory analysis for total chloride using EPA Method 300.0, EPA Method 300.0; benzene, toluene, ethylbenzene and total xylenes (BTEX) using EPA Method 8021B; and motor, diesel and gasoline range organics (MRO, DRO, and GRO) by EPA Method 8015D.

AEA returned to the site to oversee the excavation of contaminated soil near and on the pipeline. AEA guided the excavation activities by collecting soil samples for field screening. The walls and base were excavated until field screening results indicated that the NMOCD Closure Criteria would be met. NMOCD was notified on August 18, 2023, that closure samples were expected to be collected in two (2) business days. A copy of this notification is included in Appendix E.

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On August 22, 2023 AEA began conducting confirmation sampling of the walls and base of the excavation. The areas around sample locations CS1-CS4, SW1-SW6 were excavated to a depth of 3-4 feet bgs. The areas around sample locations C5-C7, SW7-SW10 were excavated to a depth of 1-4 feet bgs.

The area around the overspray sample locations C8-C52, were scraped to a depth of 3 inches bgs.

The confirmation samples were comprised of representative wall and base 5-point composite samples, each representing 200 ft² of exposed excavation of the base (CS1-CS52) and walls (SW1-SW24).

On August 29, 2023, Lab analysis showed that sample locations CS1, CS3, CS8-CS36, CS46, CS48, SW6, SW8-SW10, SW12-SW24 were still elevated in TPH and Chlorides.

On September 6, 2023, AEA returned to site to extend sample locations CS1, CS3, CS8-CS36, CS46, CS48, SW6, SW8-SW10, SW12-SW24. The areas around sample locations CS1, CS3, SW6 were extended to a depth of 3.5 - 4.5 feet bgs. The areas around sample locations SW8 – SW10 were extended laterally 1 foot out. The areas around sample locations CS8-CS36, CS46, CS48 were extended to a depth of 0.6 inches bgs. The area around sample locations SW12-SW24 were laterally extended 1 foot.

On September 13, 2023, lab analysis showed that sample locations CS28 – CS32 were still elevated in TPH.

On September 13, 2023, AEA returned to site to extend sample locations CS28-CS32. The areas around sample locations CS28-CS32 were extended to a depth of 1-foot bgs.

On September 15, 2023, AEA received lab confirmation that all samples were below NMOCD closure criteria.

All samples were placed into laboratory supplied glassware, labeled, and maintained on ice until delivery to Cardinal Laboratories in Hobbs, New Mexico (Appendix D).

Figure 3 shows the extent of the excavation and sample locations. All laboratory results are summarized in Table 3. Laboratory reports are included in Appendix D.

Approximately 290 cubic yards of contaminated soil was removed and hauled to a NMOCD approved facility (waste manifest available upon request). The contaminated soil was transported and disposed of at Jay Dan Land Farm, near Lovington, NM.

4.0 Scope and Limitations

The scope of our services included: assessment sampling; verifying release stabilization; regulatory liaison; remediation; and preparing this closure report. All work has been performed in accordance with generally accepted professional environmental consulting practices for oil and gas releases in the Permian Basin in New Mexico.

If there are any questions regarding this report, please contact Austin Weyant at 575-626-3993

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Submitted by: Atkins Engineering Associates INC

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Austin Weyant Geoscientist

ATTACHMENTS:

Figures:

Figure 1: Hydrology Setbacks Map Figure 2: Karst and NMOSE PODs Map Figure 3: Site and Sample Location Map

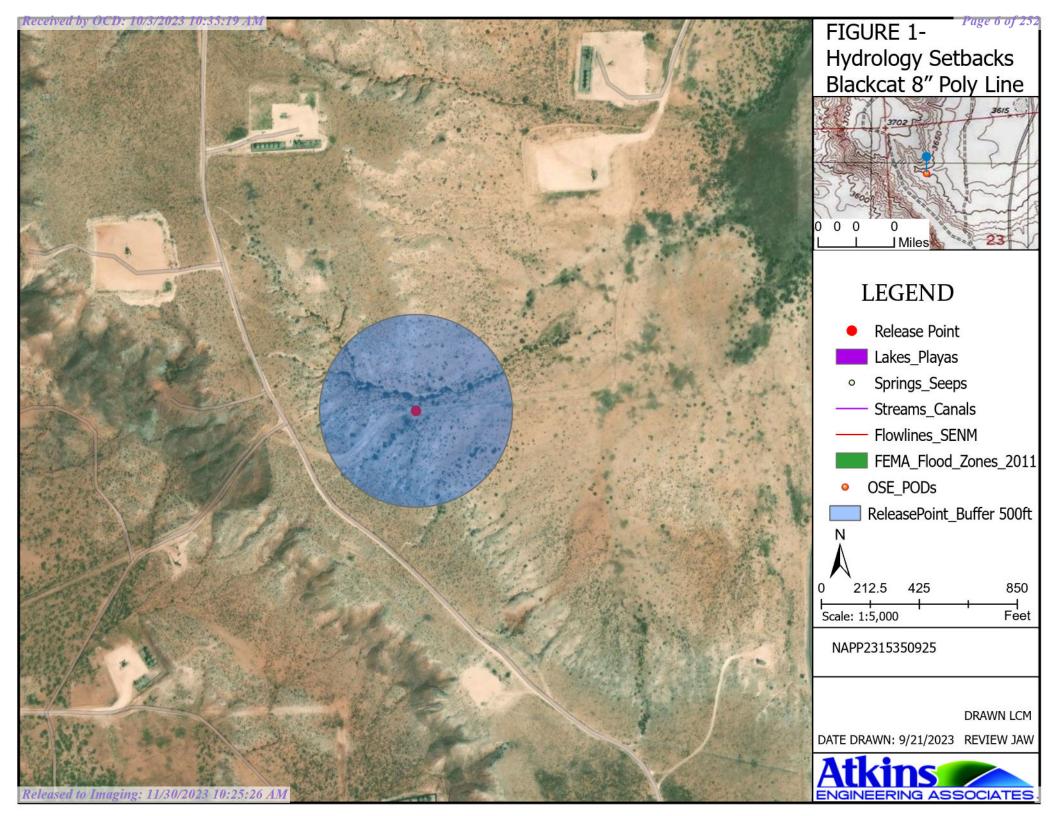
Tables:

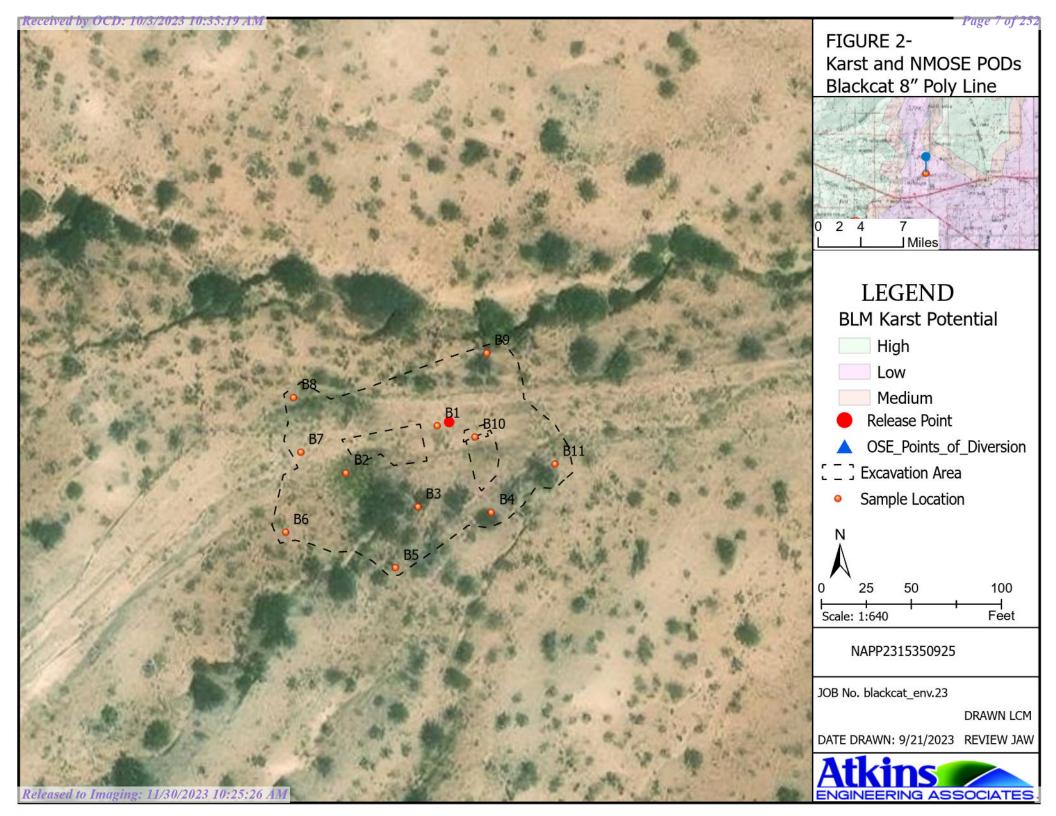
Table 2: NMOCD Closure Criteria JustificationTable 3a: Summary of Initial Sample ResultsTable 3b: Summary of Closure Sample Results

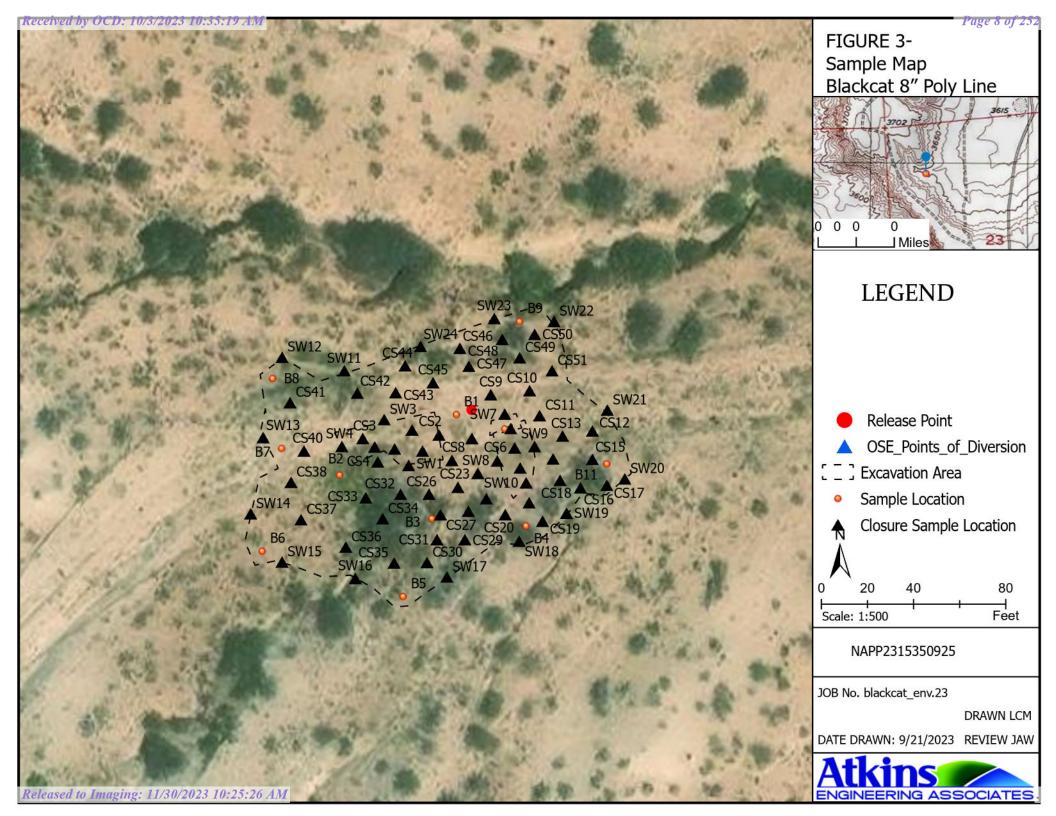
Appendices:

Appendix A: Form C141 Appendix B: NMOSE Wells Report Appendix C: Laboratory Analytical Reports Appendix D: Open Excavation Photo Log Appendix E: NMOCD Correspondence

FIGURES







TABLES

Table 2: NMOCD Closure Criteria

Site Information (19.15.29.11.A(2, 3, and 4) NMA	Source/Notes	
Depth to Groundwater (feet bgs)	<50	New Mexico Office of the State Engineer
Hortizontal Distance From All Water Sources Within 1/2 Mile (ft)	>1/2 Mile	United States Geological Survery Topographical Ma
Hortizontal Distance to Nearest Significant Watercourse (ft)	>1000ft	United States Geological Survery Topographical Ma

Closure Criteria (19.15.2	9.12.B(4) and	Table 1 NMAC)				
•			re Criteria	(units in n	ng/kg)	
Depth to Groundwater		Chloride *numerical limit or background, whichever is greater	ТРН	GRO + DRO	BTEX	Benzene
< 50' BGS	Х	600	100		50	10
51' to 100'		10000	2500	1000	50	10
>100'		20000	2500	1000	50	10
Surface Water		if yes	s, then			
<300' from continuously flowing watercourse or other significant watercourse?	No					
<200' from lakebed, sinkhole or playa lake?	No					
Water Well or Water Source						
<500 feet from spring or a private, domestic fresh water well used by						
less than 5 households for domestic or stock watering purposes?	No					
<1000' from fresh water well or spring?	No					
Human and Other Areas		600	100		50	10
<300' from an occupied permanent residence, school, hospital, institution or church?	No	000	100		50	10
within incorporated municipal boundaries or within a defined municipal						
fresh water well field?	No					
<100' from wetland?	No					
within area overlying a subsurface mine	No					
within an unstable area?	No					
within a 100-year floodplain?	No					

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Frontier Field Services MAL-Blackcat 8" Poly Line

Sample ID	Sample Date	Depth (feet bgs)	Proposed Action	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CI-
U		(ieer bys)	Action	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
	NMED Clos	ure Criteria		50	10				100	600
		0.50		80.2	<0.05	560	16400	7210	24170	1250
	6/23/2023	1.00	avaavata	4.952	<0.0250	56.4	1890	752	2698.4	388
D4	0/23/2023	2.00	excavate	1.3759	<0.0250	27.3	1240	504	1771.3	181
B1		3.00		-	-	<20	297	111	408	-
	7/04/0000	4	the attent	-	-	<20	76.9	<50	76.9	-
	7/21/2023	5	in-situ	-	-	<20	<25	<50	<95	-
		0.50		0.1697	<0.0250	<20	475	238	713	130
Do	6/23/2023	1.00	excavate	<0.0250	<0.0250	<20	169	103	272	269
B2		2.00		<0.0250	<0.0250	<20	605	299	904	562
	7/21/2023	3.00	in-situ	-	-	<20	74.9	<50	74.9	-
	6/23/2023	0.50		0.3084	<0.0250	<20	921	560	1481	46
B3	7/16/2023	1.00	excavate	-	-	<20	69.6	50.7	120.3	-
	7/21/2023	1.5	in-situ	-	-	<20	37.4	<50	37.4	-
	6/23/2023	Surface		0.9889	<0.0250	<20	496	312	808	28.1
B4	7/16/2023	0.50	excavate	-	-	<20	165	137	302	-
	7/16/2023	1	in-situ	-	-	<20	48.7	<50	48.7	-
DE	6/23/2023	Surface	excavate	0.2518	<0.0250	<20	114	99.6	213.6	63.5
B5	7/16/2023	0.50	in-situ	-	-	<20	<25	<50	0	-
	6/23/2023	Surface	a va a va ta	0.4572	<0.0250	<20	1050	698	1748	320
B6	7/16/2023	0.50	excavate	-	-	<20	118	108	226	-
	7/16/2023	1.00	in-situ	-	-	<20	<25	<50	<95	-
	6/23/2023	Surface	excavate	<0.0250	<0.0250	<20	330	266	596	447
B7	7/16/2023	1.00	in-situ	-		<20	54.3	<50	54.3	-
	6/23/2023	Surface	ovocusto	0.0328	<0.0250	<20	190	256	446	46.6
B8	7/16/2023	0.50	excavate	-	-	<20	121	134	255	-
	7/16/2023	1.00	in-situ	-	-	<20	<25	<50	<95	-
DO	6/23/2023	Surface	excavate	0.7556	<0.0250	<20	188	179	367	35.9
B9	7/16/2023	0.50	in-situ	-	-	<20	41.9	<50	41.9	-
		0.50	excavate	<0.0250	<0.0250	<20	74.9	71.8	146.7	<20
B10	6/23/2023	1.00	in city	<0.0250	<0.0250	<20	63.1	<20	63.1	<20
		2.00	in-situ	<0.0250	<0.0250	<20	<50	<20	<80	<20
	6/23/2023	Surface	evec st-	0.8479	<0.0250	<20	202	148	350	<20
B11	7/16/2023	0.50	excavate	-	-	<20	133	111	244	-
	7/16/2023	1.00	in-situ	-	-	<20	<25	<50	<95	-

"--" = Not Analyzed

Table 3b: Summary of Confirmation Sample Results

Sample ID	Sample Date	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CI-
		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
NMOCD	Closure	50	10				100	600
CS1	8/22/2023	<0.300	<0.050	<10	122	24.9	146.9	176
051	9/6/2023	-	-	<10	<10	<10	<30	-
CS2	8/22/2023	<0.300	<0.050	<10	<10	<10	<30	64
CS3	8/22/2023	<0.300	<0.050	<10	569	138	707	496
633	9/6/2023	-	-	<10	<10	<10	<30	-
CS4	8/22/2023	<0.300	<0.050	<10	39.2	12.9	52.1	80
CS5	8/22/2023	<0.300	<0.050	<10	<10	<10	<30	16
CS6	8/22/2023	<0.300	<0.050	<10	<10	<10	<30	16
CS7	8/22/2023	<0.300	<0.050	<10	13.4	<10	13.4	32
CS8	8/22/2023	<0.300	<0.050	<10	692	187	879	704
58	9/6/2023	-	-	<10	<10	<10	<30	32
000	8/22/2023	<0.300	<0.050	<10	841	217	1058	640
CS9	9/6/2023	-	-	<10	<10	<10	<30	32
CC10	8/22/2023	<0.300	<0.050	<10	757	196	953	640
CS10	9/6/2023	-	-	<10	<10	<10	<30	16
CC11	8/22/2023	<0.300	<0.050	<10	806	222	1028	720
CS11	9/6/2023	-	-	<10	<10	<10	<30	<16
CC12	8/22/2023	<0.300	<0.050	<10	688	180	868	672
CS12	9/6/2023	-	-	<10	<10	<10	<30	<16
CS13	8/22/2023	<0.300	<0.050	<10	804	238	1042	640
C315	9/6/2023	-	-	<10	<10	<10	<30	16
CC14	8/22/2023	<0.300	<0.050	<10	832	249	1081	688
CS14	9/6/2023	-	-	<10	<10	<10	<30	32
CC1F	8/22/2023	<0.300	<0.050	<10	722	219	941	576
CS15	9/6/2023	-	-	<10	<10	<10	<30	-
CC16	8/22/2023	<0.300	<0.050	<10	600	273	873	336
CS16	9/6/2023	-	-	<10	<10	<10	<30	-
CC17	8/22/2023	<0.300	<0.050	<10	542	238	780	368
CS17	9/6/2023	-	-	<10	<10	<10	<30	-
CC10	8/22/2023	<0.300	<0.050	<10	456	195	651	336
CS18	9/6/2023	-	-	<10	<10	<10	<30	-
CC10	8/22/2023	<0.300	<0.050	<10	452	186	638	368
CS19	9/6/2023	-	-	<10	<10	<10	<30	-
CC 20	8/22/2023	<0.300	<0.050	<10	446	193	639	192
CS20	9/6/2023	-	-	<10	<10	<10	<30	-

Table 3b: Summary of Confirmation Sample Results

CS21	8/22/2023	<0.300	<0.050	<10	370	173	543	176
C321	9/6/2023	-	-	<10	<10	<10	<30	-
CCCCCCCCCCCCC	8/22/2023	<0.300	<0.050	<10	500	219	719	192
CS22	9/6/2023	-	-	<10	<10	<10	<30	-
CCCCCCCCCCCCC	8/22/2023	<0.300	<0.050	<10	579	241	820	224
CS23	9/6/2023	-	-	<10	<10	<10	<30	-
CS24	8/22/2023	<0.300	<0.050	<10	709	334	1043	256
C324	9/6/2023	-	-	<10	<10	<10	<30	-
CS25	8/22/2023	<0.300	<0.050	<10	426	214	640	192
C325	9/6/2023	-	-	-	65.4	10.4	75.8	-
CS26	8/22/2023	<0.300	<0.050	<10	768	379	1147	160
C320	9/6/2023	-	-	<10	82.8	16.3	99.1	-
CS27	8/22/2023	<0.300	<0.050	<10	525	274	799	160
C327	9/6/2023	-	-	<10	76.8	16.6	93.4	-
	8/22/2023	<0.300	<0.050	<10	419	216	635	208
CS28	9/6/2023	-	-	<10	91.3	20	111.3	-
	9/13/2023	-	-	<10	<10	<10	<30	-
	8/22/2023	<0.300	<0.050	<10	419	211	630	112
CS29	9/6/2023	-	-	<10	105	23.1	128.1	-
	9/13/2023	-	-	<10	<10	<10	<30	-
	8/22/2023	<0.300	<0.050	<10	334	177	511	96
CS30	9/6/2023	-	-	<10	105	23.9	128.9	-
	9/13/2023	-	-	<10	<10	<10	<30	-
	8/22/2023	<0.300	<0.050	<10	167	92.5	259.5	32
CS31	9/6/2023	-	-	<10	98.3	23	121.3	-
	9/13/2023	-	-	<10	<10	<10	<30	-
	8/22/2023	<0.300	<0.050	<10	176	88.7	264.7	48
CS32	9/6/2023	-	-	<10	111	26.5	137.5	-
	9/13/2023	-	-	<10	<10	<10	<30	-
CS33	8/22/2023	<0.300	<0.050	<10	207	80.1	287.1	80
000	9/6/2023	-	-	<10	<10	<10	<30	-
CS34	8/22/2023	<0.300	<0.050	<10	149	59.8	208.8	48
0004	9/6/2023	-	-	<10	<10	<10	<30	-
CS35	8/22/2023	<0.300	<0.050	<10	136	61.4	197.4	80
	9/6/2023	-	-	<10	<10	<10	<30	-
CS36	8/22/2023	<0.300	<0.050	<10	201	81.7	282.7	176
C330	9/6/2023	-	-	<10	<10	<10	<30	-
CS37	8/22/2023	<0.300	<0.050	<10	<10	<10	<30	96
CS38	8/22/2023	<0.300	<0.050	<10	<10	<10	<30	80
CS39	8/22/2023	<0.300	<0.050	<10	<10	<10	<30	112
CS40	8/22/2023	<0.300	<0.050	<10	<10	<10	<30	80

Table 3b: Summary of Confirmation Sample Results

			,		•			
CS41	8/22/2023	<0.300	<0.050	<10	<10	<10	<30	128
CS42	8/22/2023	<0.300	<0.050	<10	<10	<10	<30	144
CS43	8/22/2023	<0.300	<0.050	<10	<10	<10	<30	112
CS44	8/22/2023	<0.300	<0.050	<10	<10	<10	<30	96
CS45	8/22/2023	<0.300	<0.050	<10	<10	<10	<30	160
CS46	8/22/2023	<0.300	<0.050	<10	473	132	605	592
C340	9/6/2023	-	-	<10	<10	<10	<30	-
CS47	8/22/2023	<0.300	<0.050	<10	469	147	616	736
C347	9/6/2023	-	-	<10	<10	<10	<30	16
CS48	8/22/2023	<0.300	<0.050	<10	373	128	501	736
C340	9/6/2023	-	-	<10	<10	<10	<30	16
CS49	8/22/2023	<0.300	<0.050	<10	27.5	28.1	55.6	144
CS50	8/22/2023	<0.300	<0.050	<10	27.2	31.1	58.3	160
CS51	8/22/2023	<0.300	<0.050	<10	31.3	15.9	47.2	128
CS52	8/22/2023	<0.300	<0.050	<10	62.6	26	88.6	128
SW1	8/22/2023	<0.300	<0.050	<10	<10	<10	<30	96
SW2	8/22/2023	<0.300	<0.050	<10	22.1	<10	22.1	48
SW3	8/22/2023	<0.300	<0.050	<10	51.7	<10	51.7	96
SW4	8/22/2023	<0.300	<0.050	<10	<10	<10	<30	80
SW5	8/22/2023	<0.300	<0.050	<10	<10	<10	<30	<16
SW6	8/22/2023	<0.300	<0.050	28.6	1860	387	2275.6	1440
3000	9/6/2023	-	-	<10	<10	<10	<30	32
SW7	8/22/2023	<0.300	<0.050	<10	13.8	<10	13.8	80
SW8	8/22/2023	3.84	<0.050	219	3100	612	3931	816
3000	9/6/2023	-	-	<10	<10	<10	<30	16
SW9	8/22/2023	<0.300	<0.050	<10	213	69.1	282.1	32
2009	9/6/2023	-	-	<10	<10	<10	<30	-

Table 3b: Summary of Confirmation Sample Results

	8/22/2023	<0.300	<0.050	87.3	2490	523	3100.3	1260
SW10	9/6/2023	-	-	<10	<10	<10	<30	16
SW11	8/22/2023	<0.300	<0.050	<10	33.3	16.4	49.7	160
	8/22/2023	< 0.300	< 0.050	<10	80.4	34.7	115.1	224
SW12	9/6/2023	-	-	<10	63.1	14.2	77.3	-
	8/22/2023	<0.300	<0.050	<10	91.9	50.5	142.4	176
SW13	9/6/2023	-	-	<10	32.1	<10	32.1	-
C) 1/4 4	8/22/2023	<0.300	<0.050	<10	124.3	54.3	178.6	208
SW14	9/6/2023	-	-	<10	<10	<10	<30	-
	8/22/2023	<0.300	<0.050	<10	213	95.4	308.4	256
SW15	9/6/2023	-	-	<10	<10	<10	<30	-
CW/1C	8/22/2023	<0.300	<0.050	<10	178	73.9	251.9	240
SW16	9/6/2023	-	-	<10	<10	<10	<30	-
SW17	8/22/2023	<0.300	<0.050	<10	176	116	292	48
50017	9/6/2023	-	-	<10	<10	<10	<30	-
SW18	8/22/2023	<0.300	<0.050	<10	160	104	264	32
31110	9/6/2023	-	-	<10	<10	<10	<30	-
SW19	8/22/2023	<0.300	<0.050	<10	117	66.2	183.2	64
20019	9/6/2023	-	-	<10	<10	<10	<30	-
SW20	8/22/2023	<0.300	<0.050	<10	809	474	1283	32
30020	9/6/2023	-	-	<10	<10	<10	<30	-
SW21	8/22/2023	<0.300	<0.050	<10	86.2	40	126.2	48
30021	9/6/2023	-	-	<10	<10	<10	<30	-
SW22	8/22/2023	<0.300	<0.050	<10	91	47.2	138.2	48
50022	9/6/2023	-	-	<10	<10	<10	<30	-
SW23	8/22/2023	<0.300	<0.050	<10	94.9	42	136.9	48
50025	9/6/2023	-	-	<10	<10	<10	<30	-
SW24	8/22/2023	<0.300	<0.050	<10	94.8	64.4	159.2	32
50024	9/6/2023	-	-	<10	<10	<10	<30	-

APPENDIX A FORMS C141

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

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Incident ID	nAPP2315350925
District RP	
Facility ID	
Application ID	

-104.152701

Release Notification

Responsible Party

Responsible Party	Frontier Field Services, LLC	OGRID 221	115
Contact Name	Lupe Carrasco	Contact Telephone	575-725-0787
Contact email	gcarrasco@durangomidstream.com	Incident # (assigned by OCD)	
Contact mailing address	^s 47 Conoco Rd. Maljamar, NM 8	8264	

Location of Release Source

Latitude

(NAD 83 in decimal degrees to 5 decimal places)

Site Name	MAL - Bla	ckcat 8" Poly L	ine	Site Type Pipeline		
Date Release	Discovered	5/29/23		API# (if applicable)		
Unit Letter	Section	Townshin	Danga	County		

Unit Letter	Section	Township	Range	County
D	23	17S	28E	Eddy

Surface Owner: State Federal Tribal X Private (Name: COG Operating LLC)

Nature and Volume of Release

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)			
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)			
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No			
X Condensate	Volume Released (bbls) 11	Volume Recovered (bbls) 0			
X Natural Gas	Volume Released (Mcf) 158.68	Volume Recovered (Mcf) 0			
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)			
Cause of Release	2" poly vent blowout due to high pressure thres	hold			

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Oil Conservation Division

Incident ID	nAPP2315350925
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?
19.10.29.7 (11) 10.1110.	
Yes X No	
If YES, was immediate no	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

 \mathbf{X} The source of the release has been stopped.

x The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

X All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Lupe Carrasco	Title: Sr. Environmental Specialist
Signature: <i>Lupe Carrasco</i>	Date: 6/2/23
email: gcarrasco@durangomidstream.com	Telephone: 575-725-0787
OCD Only	
Received by:	Date:

Incident IDnAPP2315350925District RPFacility IDApplication ID

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<50 (ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🛛 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🛛 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🛛 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🛛 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🗙 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🛛 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🗙 No
Did the release impact areas not on an exploration, development, production, or storage site?	🛛 Yes 🗌 No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Page 3

Received by OCD: 10/3/2023 10:35:19 AM Form C-141 State of New Mexico			Page 20 of 252		
		Oil Conservation Division		nAPP2315350925	
Page 4	Oil Conservation Division				
			Facility ID		
			Application ID		
regulations all operators public health or the envir failed to adequately inve addition, OCD acceptanc and/or regulations. Printed Name: Signature: email:	information given above is true and complete to the are required to report and/or file certain release no ronment. The acceptance of a C-141 report by the estigate and remediate contamination that pose a th ce of a C-141 report does not relieve the operator of Lupe Carrasco on Carrasco @durangomidstream.com	tifications and perform of OCD does not relieve the reat to groundwater, surf of responsibility for comp	corrective actions for rele e operator of liability sho ace water, human health oliance with any other feo evironmental Specia	ases which may endanger buld their operations have or the environment. In deral, state, or local laws	
OCD Only					
Received by: <u>Shelly</u>	Wells	Date: <u>10/3</u>	/2023		

Incident ID	nAPP2315350925
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

<u>Closure Report Attachment Checklist</u>: Each of the following items must be included in the closure report.

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Lupe Carrasco	Title: Sr. Environmental Specialist
Signature: Lupe Carrasco	Date: 10/3/23
email: gcarrasco@durangomidstream.com	Telephone: 575-725-0787
OCD Only	
<u>oeb omy</u>	
Received by: Shelly Wells	Date: 10/3/2023
remediate contamination that poses a threat to groundwater, surface	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible
party of compliance with any other federal, state, or local laws and/	or regulations.
Closure Approved by: <u>Ashley Mafwell</u> Printed Name:	Date: 11/29/2023
Printed Name: Ashley Maxwell	Title: Environmental Specialist



Gas Release Volume Calculator						
Date:		5/29/2023				
Site or Line Name:		MAL-Blackcat 8" Poly Line				
Area of Hole in Pipe:	0.25	0.25 square inches				
Absolute Pressure:	121.2	psia - absolute pressure (psia = psig gauge pressure + 14.7)				
Duration of Release:	30.00	minutes				
Actual Temperature:	89.3	Degrees F				
Representative Gas Analysis		Please attach or email a representative gas analysis				
Constant						
Temperature at standard conditions:	60	Deg. F				
Pressure at standard conditions:	14.7	14.7 PSIA				

MACF MSCF

Volume of Gas - Actual Conditions	20.33
Volume of Gas - Standard Conditions	158.68
Notes	
Entered by user	

Notes			
Entered by user			
Calculated Value			
Constant			

Note:



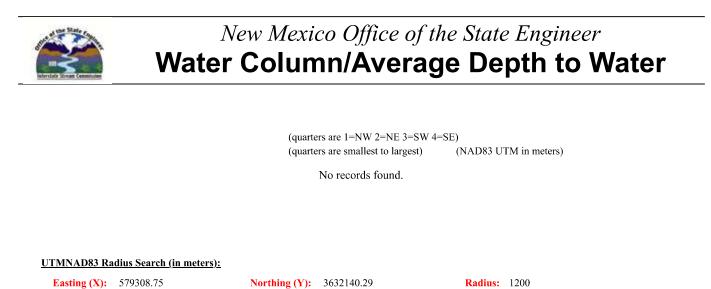
Liquid Release Volume Calculator							
Date:	5/29/2023						
Site or Line Name:		MAL-Blackcat 8" Poly Line					
Soil Type	Porosity	Length	Width	Depth (.083 per inch)	Cubic Feet	Estimated Barrels	Soil Type
Clay	0.15				0	0.00	Clay
Sandy Clay	0.12				0	0.00	Sandy Clay
Silt	0.16				0	0.00	Silt
Fine Sand	0.16				0	0.00	Fine Sand
Medium Sand	0.25				0	0.00	Medium Sand
Coarse Sand	0.26				0	0.00	Coarse Sand
Gravely Sand	0.26	80	71.5	0.0415	237.38	11.00	Gravely Sand
Fine Gravel	0.26				0	0.00	Fine Gravel
Medium Gravel	0.20				0	0.00	Medium Gravel
Coarse Gravel	0.18				0	0.00	Coarse Gravel
Sandstone	0.25				0	0.00	Sandstone
Siltstone	0.18				0	0.00	Siltstone
Limestone	0.13				0	0.00	Limestone
Basalt	0.19				0	0.00	Basalt
Standing Liquids	Х	0	0	0	0	0.00	Standing Liquids

Choose the one prevailing ground type for estimating spill volumes at a single location. Standing liquids are figured separately using the green cell.

Note that the depth should be measured in feet and tenths of feet (1 inch = .083)

Cubic Feet = L x W x D Estimated Barrels = ((Cubic Feet x Porosity) / 5.61)

APPENDIX B NMOSE WELLS REPORT



The data is furniched by the NMOSE/ISC and is accorted by the registrant with the expressed understanding that the OSE/ISC make no uncreating, expressed or implied, concerning the

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

9/19/23 11:21 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

	W	/ate					00	v	the State ge De	0		ter	
(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD replaced, O=orpha C=the fil closed)	ned,	1	< I			W 2=NE est to lar	3=SW 4=SF gest) (N	E) AD83 UTM in r	neters)	(In f	eet)	
		POD Sub-		000	h								/ater
POD Number	Code		County		•	c Tws	Rng	X	Y	DistanceDer	othWellDept		
<u>RA 12307 POD1</u>		RA	ED	4 2 2			-	580495	3633981 🌍	2168	140	58	82
									Avera	ge Depth to Wat	er:	58 fee	t
										Minimum De	pth:	58 fee	t
										Maximum De	oth:	58 fee	t
Record Count: 1													
UTMNAD83 Radiu	<u>s Search (in</u>	meters)) <u>:</u>										
Easting (X): 57	9350		North	ning (Y):	363	32140			Radius: 2500				

8/11/23 12:50 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

APPENDIX C LABORATORY ANALYTICAL RESULTS



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Atkins Engineering Associates Inc.

Project Name:

Blackcat 8"

Work Order: E306199

Job Number: 20071-0001

Received: 6/26/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/30/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 6/30/23

Austin Weyant 2904 W. 2nd Roswell, NM 88201

Project Name: Blackcat 8" Workorder: E306199 Date Received: 6/26/2023 7:00:00AM

Austin Weyant,



Page 29 of 252

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/26/2023 7:00:00AM, under the Project Name: Blackcat 8".

The analytical test results summarized in this report with the Project Name: Blackcat 8" apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services

Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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B4-Surface	13
B5-Surface	14
B6-Surface	15
B7-Surface	16
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Sample Summarv

		Sample Sum	mary		
Atkins Engineering Associates Inc. 2904 W. 2nd Roswell NM, 88201		Project Name: Project Number: Project Manager:	Blackcat 8" 20071-0001 Austin Weyant		Reported: 06/30/23 11:31
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
B1-0.5'	E306199-01A	Soil	06/23/23	06/26/23	Glass Jar, 2 oz.
B1-1'	E306199-02A	Soil	06/23/23	06/26/23	Glass Jar, 2 oz.
B1-2'	E306199-03A	Soil	06/23/23	06/26/23	Glass Jar, 2 oz.
B2-0.5'	E306199-04A	Soil	06/23/23	06/26/23	Glass Jar, 2 oz.
B2-1'	E306199-05A	Soil	06/23/23	06/26/23	Glass Jar, 2 oz.
B2-2'	E306199-06A	Soil	06/23/23	06/26/23	Glass Jar, 2 oz.
B3-0.5'	E306199-07A	Soil	06/23/23	06/26/23	Glass Jar, 2 oz.
B4-Surface	E306199-08A	Soil	06/23/23	06/26/23	Glass Jar, 2 oz.
B5-Surface	E306199-09A	Soil	06/23/23	06/26/23	Glass Jar, 2 oz.
B6-Surface	E306199-10A	Soil	06/23/23	06/26/23	Glass Jar, 2 oz.
B7-Surface	E306199-11A	Soil	06/23/23	06/26/23	Glass Jar, 2 oz.
B8-Surface	E306199-12A	Soil	06/23/23	06/26/23	Glass Jar, 2 oz.
B9-Surface	E306199-13A	Soil	06/23/23	06/26/23	Glass Jar, 2 oz.
B10-0.5'	E306199-14A	Soil	06/23/23	06/26/23	Glass Jar, 2 oz.
B10-1'	E306199-15A	Soil	06/23/23	06/26/23	Glass Jar, 2 oz.
B10-2'	E306199-16A	Soil	06/23/23	06/26/23	Glass Jar, 2 oz.
B11-Surface	E306199-17A	Soil	06/23/23	06/26/23	Glass Jar, 2 oz.



	Sa	mpic D	ata			
Atkins Engineering Associates Inc. 2904 W. 2nd	Project Name: Project Number		kcat 8" 71-0001			Reported:
Roswell NM, 88201	Project Manage		tin Weyant		6/30/2023 11:31:51AM	
		B1-0.5'				
	I	E306199-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: SL		Batch: 2326001
Benzene	ND	0.0500	2	06/26/23	06/27/23	
Ethylbenzene	22.8	0.0500	2	06/26/23	06/27/23	
Foluene	5.90	0.0500	2	06/26/23	06/27/23	
p-Xylene	16.3	0.0500	2	06/26/23	06/27/23	
o,m-Xylene	35.2	0.100	2	06/26/23	06/27/23	
Total Xylenes	51.5	0.0500	2	06/26/23	06/27/23	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	:: SL		Batch: 2326001
Gasoline Range Organics (C6-C10)	560	40.0	2	06/26/23	06/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		122 %	70-130	06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: KM		Batch: 2326039
Diesel Range Organics (C10-C28)	16400	2500	100	06/28/23	06/28/23	
Oil Range Organics (C28-C36)	7210	5000	100	06/28/23	06/28/23	
Surrogate: n-Nonane		244 %	50-200	06/28/23	06/28/23	\$5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	:: BA		Batch: 2326021
Chloride	1250	20.0	1	06/27/23	06/27/23	

Sample Data



Benzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Gasoline Range Organics (C6-C10) Surrogate: 1-Chloro-4-fluorobenzene-FID

Diesel Range Organics (C10-C28)

Oil Range Organics (C28-C36)

Anions by EPA 300.0/9056A

Surrogate: n-Nonane

Chloride

Nonhalogenated Organics by EPA 8015D - GRO

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Ethylbenzene

Received by OCD. 10/5/2025 10.55.17						1 uge 54
	Samj	ple Data	l			
Atkins Engineering Associates Inc.	Project Name:	Blackcat	8"			
2904 W. 2nd	Project Number:	20071-00	01			Reported:
Roswell NM, 88201	Project Manager: Austin		eyant		6/30/2023 11:31:51AM	
		1-1' 199-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	SL		Batch: 2326001

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

mg/kg

20.0

mg/kg

125

250

mg/kg

20.0

101 %

96.8 %

102 %

ND

1.23

0.192

1.08

2.46

3.53

mg/kg

56.4

mg/kg

1890

752

mg/kg

388

06/26/23

06/26/23

06/26/23

06/26/23

06/26/23

06/26/23

06/26/23

06/26/23

06/26/23

06/28/23

06/28/23

06/28/23

06/27/23

1

1

1

1

1

1

1

5

5

1

Analyst: SL

Analyst: KM

Analyst: BA

70-130

70-130

50-200

06/28/23

06/28/23

06/28/23

06/28/23

06/28/23

06/28/23

06/28/23

06/28/23

06/28/23

06/28/23

06/28/23

06/28/23

06/27/23

Batch: 2326001

Batch: 2326039

Batch: 2326021

B	envir
	envir

	Sa	ample D	ata			
Atkins Engineering Associates Inc. 2904 W. 2nd Roswell NM, 88201	Project Name: Project Numbe Project Manag	er: 2007	kcat 8" 71-0001 tin Weyant			Reported: 6/30/2023 11:31:51AM
Koswell INN, 88201	Project Manag		tin weyant			0/30/2023 11.31.31AW
		B1-2'				
		E306199-03				
		Reporting				
Analyte	Result	Limit	Dilutior	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	Analyst: SL		Batch: 2326001
Benzene	ND	0.0250	1	06/26/23	06/27/23	
Ethylbenzene	0.294	0.0250	1	06/26/23	06/27/23	
Toluene	0.0419	0.0250	1	06/26/23	06/27/23	
p-Xylene	0.343	0.0250	1	06/26/23	06/27/23	
o,m-Xylene	0.699	0.0500	1	06/26/23	06/27/23	
Fotal Xylenes	1.04	0.0250	1	06/26/23	06/27/23	
Surrogate: 4-Bromochlorobenzene-PID		96.9 %	70-130	06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2326001
Gasoline Range Organics (C6-C10)	27.3	20.0	1	06/26/23	06/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2326039
Diesel Range Organics (C10-C28)	1240	125	5	06/28/23	06/28/23	
Dil Range Organics (C28-C36)	504	250	5	06/28/23	06/28/23	
Surrogate: n-Nonane		95.3 %	50-200	06/28/23	06/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2326021
Chloride	181	20.0	1	06/27/23	06/27/23	

	S	ample D	ata				
Atkins Engineering Associates Inc. 2904 W. 2nd Roswell NM, 88201	Project Name Project Numb Project Mana	ber: 200	ekcat 8" 71-0001 tin Weyant				Reported: 6/30/2023 11:31:51AM
	5	B2-0.5'	5				
		Б2-0.5 Е306199-04					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL			Batch: 2326001
Benzene	ND	0.0250		1	06/26/23	06/27/23	
Ethylbenzene	0.0637	0.0250		1	06/26/23	06/27/23	
Foluene	ND	0.0250		1	06/26/23	06/27/23	
p-Xylene	0.0498	0.0250		1	06/26/23	06/27/23	
o,m-Xylene	0.0558	0.0500		1	06/26/23	06/27/23	
Total Xylenes	0.106	0.0250		1	06/26/23	06/27/23	
Surrogate: 4-Bromochlorobenzene-PID		92.4 %	70-130		06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2326001
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/26/23	06/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130		06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2326039
Diesel Range Organics (C10-C28)	475	25.0		1	06/28/23	06/28/23	
Dil Range Organics (C28-C36)	238	50.0		1	06/28/23	06/28/23	
Surrogate: n-Nonane		90.1 %	50-200		06/28/23	06/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2326021
Chloride	2770	20.0		1	06/27/23	06/27/23	

2904 W. 2nd

Roswell NM, 88201

		B2-1'				
		E306199-05				
		Reporting				
Analyte	Result	Limit	Dilutior	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2326001
Benzene	ND	0.0250	1	06/26/23	06/27/23	
Ethylbenzene	ND	0.0250	1	06/26/23	06/27/23	
Toluene	ND	0.0250	1	06/26/23	06/27/23	
o-Xylene	ND	0.0250	1	06/26/23	06/27/23	
p,m-Xylene	ND	0.0500	1	06/26/23	06/27/23	
Total Xylenes	ND	0.0250	1	06/26/23	06/27/23	
Surrogate: 4-Bromochlorobenzene-PID		92.8 %	70-130	06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2326001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/23	06/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2326039
Diesel Range Organics (C10-C28)	169	25.0	1	06/28/23	06/28/23	
Oil Range Organics (C28-C36)	103	50.0	1	06/28/23	06/28/23	
Surrogate: n-Nonane		89.7 %	50-200	06/28/23	06/28/23	
Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: BA						Batch: 2326021
Chloride	269	20.0	1	06/27/23	06/27/23	



Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Gasoline Range Organics (C6-C10) Surrogate: 1-Chloro-4-fluorobenzene-FID

Diesel Range Organics (C10-C28)

Oil Range Organics (C28-C36)

Anions by EPA 300.0/9056A

Surrogate: n-Nonane

Chloride

Nonhalogenated Organics by EPA 8015D - GRO

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Received by OCD. 10/5/2025 10.55.197	1.171					1 uge 50 0
	Samj	ple Dat	ta			
Atkins Engineering Associates Inc.	Project Name:	Blackc	at 8"			
2904 W. 2nd	Project Number:	r: 20071-0001				Reported:
Roswell NM, 88201	Project Manager:	Austin	Weyant			6/30/2023 11:31:51AM
	B	2-2'				
	E306	199-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: SL		Batch: 2326001
Benzene	ND	0.0250	1	06/26/23	06/27/23	

0.0250

0.0250

0.0250

0.0500

0.0250

mg/kg

20.0

mg/kg

25.0

50.0

mg/kg

20.0

94.2 %

90.7 %

92.3 %

ND

ND

ND

ND

ND

mg/kg

ND

mg/kg

605

299

mg/kg

562

1

1

1

1

1

1

1

1

1

Analyst: SL

Analyst: KM

Analyst: BA

70-130

70-130

50-200

06/26/23

06/26/23

06/26/23

06/26/23

06/26/23

06/26/23

06/26/23

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06/27/23

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06/28/23

06/28/23

06/28/23

06/27/23

Batch: 2326001

Batch: 2326039

Batch: 2326021

B	envir

otech Inc.

	Sa	ample D	ata				
Atkins Engineering Associates Inc. 2904 W. 2nd	Project Name: Project Numbe	er: 200'	kcat 8" 71-0001		Reported:		
Roswell NM, 88201	Project Manag	ger: Aus	tin Weyant				6/30/2023 11:31:51AM
		B3-0.5'					
		E306199-07					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	mg/kg Analyst: SL			Batch: 2326001	
Benzene	ND	0.0250		1	06/26/23	06/27/23	
Ethylbenzene	0.0884	0.0250		1	06/26/23	06/27/23	
Toluene	ND	0.0250		1	06/26/23	06/27/23	
p-Xylene	0.0667	0.0250		1	06/26/23	06/27/23	
o,m-Xylene	0.153	0.0500		1	06/26/23	06/27/23	
Total Xylenes	0.220	0.0250		1	06/26/23	06/27/23	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130		06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2326001
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/26/23	06/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.1 %	70-130		06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2326039
Diesel Range Organics (C10-C28)	921	25.0		1	06/28/23	06/28/23	
Oil Range Organics (C28-C36)	560	50.0		1	06/28/23	06/28/23	
Surrogate: n-Nonane		100 %	50-200		06/28/23	06/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2326021
Chloride	46.0	20.0		1	06/27/23	06/27/23	

	S	Sample D	ata			
Atkins Engineering Associates Inc. 2904 W. 2nd Roswell NM, 88201	Project Nam Project Num Project Mana	Reported: 6/30/2023 11:31:51AM				
		B4-Surface				
		E306199-08				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	mg/kg Analyst: SL			Batch: 2326001
Benzene	ND	0.0250	1	06/26/23	06/27/23	
Ethylbenzene	0.291	0.0250	1	06/26/23	06/27/23	
Toluene	0.0899	0.0250	1	06/26/23	06/27/23	
o-Xylene	0.189	0.0250	1	06/26/23	06/27/23	
p,m-Xylene	0.419	0.0500	1	06/26/23	06/27/23	
Total Xylenes	0.608	0.0250	1	06/26/23	06/27/23	
Surrogate: 4-Bromochlorobenzene-PID		94.0 %	70-130	06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2326001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/23	06/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KM		Batch: 2326039
Diesel Range Organics (C10-C28)	496	25.0	1	06/28/23	06/30/23	
Oil Range Organics (C28-C36)	312	50.0	1	06/28/23	06/30/23	
Surrogate: n-Nonane		99.8 %	50-200	06/28/23	06/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: BA		Batch: 2326021
Chloride	28.1	20.0	1	06/27/23	06/27/23	



	Sa	ample D	ata				
Atkins Engineering Associates Inc. 2904 W. 2nd Roswell NM, 88201	Project Name: Project Numbe Project Manag	er: 2007	kcat 8" 71-0001 tin Weyant				Reported: 6/30/2023 11:31:51AM
]	B5-Surface					
		E306199-09					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	mg/kg Analyst: SL			Batch: 2326001	
Benzene	ND	0.0250		1	06/26/23	06/27/23	
Ethylbenzene	0.0799	0.0250		1	06/26/23	06/27/23	
Toluene	0.0429	0.0250		1	06/26/23	06/27/23	
p-Xylene	0.0369	0.0250		1	06/26/23	06/27/23	
o,m-Xylene	0.0918	0.0500		1	06/26/23	06/27/23	
Total Xylenes	0.129	0.0250		1	06/26/23	06/27/23	
Surrogate: 4-Bromochlorobenzene-PID		92.6 %	70-130		06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2326001
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/26/23	06/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.4 %	70-130		06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	КМ		Batch: 2326039
Diesel Range Organics (C10-C28)	114	25.0		1	06/28/23	06/29/23	
Dil Range Organics (C28-C36)	99.6	50.0		1	06/28/23	06/29/23	
Surrogate: n-Nonane		88.8 %	50-200		06/28/23	06/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2326021
Chloride	63.5	20.0		1	06/27/23	06/27/23	



	S	ample D	ata			
Atkins Engineering Associates Inc. 2904 W. 2nd Roswell NM, 88201	Project Name Project Numb Project Manag	er: 200'	kcat 8" 71-0001 tin Weyant			Reported: 6/30/2023 11:31:51AM
		B6-Surface				
		E306199-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	mg/kg Analyst: SL			Batch: 2326001
Benzene	ND	0.0250	1	06/26/23	06/27/23	
Ethylbenzene	0.131	0.0250	1	06/26/23	06/27/23	
Toluene	0.0462	0.0250	1	06/26/23	06/27/23	
p-Xylene	0.0803	0.0250	1	06/26/23	06/27/23	
o,m-Xylene	0.199	0.0500	1	06/26/23	06/27/23	
Total Xylenes	0.280	0.0250	1	06/26/23	06/27/23	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2326001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/23	06/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2326039
Diesel Range Organics (C10-C28)	1050	50.0	2	06/28/23	06/29/23	
Dil Range Organics (C28-C36)	698	100	2	06/28/23	06/29/23	
Surrogate: n-Nonane		98.3 %	50-200	06/28/23	06/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2326021
Chloride	320	20.0	1	06/27/23	06/27/23	



	S	ample D	ata				
Atkins Engineering Associates Inc. 2904 W. 2nd Roswell NM, 88201	Project Name Project Numb Project Manag	ber: 200	ekcat 8" 71-0001 tin Weyant	i			Reported: 6/30/2023 11:31:51AM
		B7-Surface	-				
		E306199-11					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL				Batch: 2326001
Benzene	ND	0.0250		1	06/26/23	06/27/23	
Ethylbenzene	ND	0.0250		1	06/26/23	06/27/23	
Toluene	ND	0.0250		1	06/26/23	06/27/23	
o-Xylene	ND	0.0250		1	06/26/23	06/27/23	
p,m-Xylene	ND	0.0500		1	06/26/23	06/27/23	
Total Xylenes	ND	0.0250		1	06/26/23	06/27/23	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130		06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2326001
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/26/23	06/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.1 %	70-130		06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	КМ		Batch: 2326039
Diesel Range Organics (C10-C28)	330	25.0		1	06/28/23	06/29/23	
Oil Range Organics (C28-C36)	266	50.0		1	06/28/23	06/29/23	
Surrogate: n-Nonane		98.4 %	50-200		06/28/23	06/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2326021
Chloride	447	20.0		1	06/27/23	06/27/23	

	S	ample D	ata			
Atkins Engineering Associates Inc. 2904 W. 2nd Roswell NM, 88201	Project Name Project Numl Project Mana	Reported: 6/30/2023 11:31:51AM				
		B8-Surface				
		E306199-12				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	mg/kg Analyst: SL			Batch: 2326001
Benzene	ND	0.0250	1	06/26/23	06/27/23	
Ethylbenzene	0.0328	0.0250	1	06/26/23	06/27/23	
Toluene	ND	0.0250	1	06/26/23	06/27/23	
o-Xylene	ND	0.0250	1	06/26/23	06/27/23	
p,m-Xylene	ND	0.0500	1	06/26/23	06/27/23	
Total Xylenes	ND	0.0250	1	06/26/23	06/27/23	
Surrogate: 4-Bromochlorobenzene-PID		93.3 %	70-130	06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2326001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/23	06/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KM		Batch: 2326039
Diesel Range Organics (C10-C28)	190	25.0	1	06/28/23	06/29/23	
Oil Range Organics (C28-C36)	256	50.0	1	06/28/23	06/29/23	
Surrogate: n-Nonane		95.7 %	50-200	06/28/23	06/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: BA		Batch: 2326021
Chloride	46.6	20.0	1	06/27/23	06/27/23	

	S	ample D	ata			
Atkins Engineering Associates Inc. 2904 W. 2nd Roswell NM, 88201	Project Name Project Numł Project Mana	Reported: 6/30/2023 11:31:51AM				
		B9-Surface				
		E306199-13				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	mg/kg Analyst: SL			Batch: 2326001
Benzene	ND	0.0250	1	06/26/23	06/27/23	
Ethylbenzene	0.219	0.0250	1	06/26/23	06/27/23	
Toluene	0.0786	0.0250	1	06/26/23	06/27/23	
o-Xylene	0.133	0.0250	1	06/26/23	06/27/23	
p,m-Xylene	0.325	0.0500	1	06/26/23	06/27/23	
Total Xylenes	0.458	0.0250	1	06/26/23	06/27/23	
Surrogate: 4-Bromochlorobenzene-PID		95.1 %	70-130	06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2326001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/23	06/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KM		Batch: 2326039
Diesel Range Organics (C10-C28)	188	25.0	1	06/28/23	06/29/23	
Oil Range Organics (C28-C36)	179	50.0	1	06/28/23	06/29/23	
Surrogate: n-Nonane		99.3 %	50-200	06/28/23	06/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: BA		Batch: 2326021
Chloride	35.9	20.0	1	06/27/23	06/27/23	

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

<i>kecewea by OCD: 10/3/2023 10:35:19</i>	AM					Page 40 0	
	Sam	ple Dat	ta				
Atkins Engineering Associates Inc.	Project Name:	Blackc	at 8"				
2904 W. 2nd	Project Number:	20071-		Reported:			
Roswell NM, 88201	Project Manager:	Project Manager: Austin Weyant					
		0-0.5'					
	E306	5199-14					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: SL		Batch: 2326001	
Benzene	ND	0.0250	1	06/26/23	06/27/23		
Ethylbenzene	ND	0.0250	1	06/26/23	06/27/23		
Foluene	ND	0.0250	1	06/26/23	06/27/23		

0.0250

0.0500

0.0250

1

1

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70-130

06/26/23

06/26/23

06/26/23

06/26/23

06/27/23

06/27/23

06/27/23

06/27/23

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analy	st: SL		Batch: 2326001
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/26/23	06/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.7 %	70-130		06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analy	st: KM		Batch: 2326039
Diesel Range Organics (C10-C28)	74.9	25.0		1	06/28/23	06/29/23	
Oil Range Organics (C28-C36)	71.8	50.0		1	06/28/23	06/29/23	
Surrogate: n-Nonane		97.6 %	50-200		06/28/23	06/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analy	st: BA		Batch: 2326021
Chloride	ND	20.0		1	06/27/23	06/27/23	

95.1 %

ND

ND

ND



	S	Sample D	ata			
Atkins Engineering Associates Inc.	Project Nam	e: Blac	ekcat 8"			
2904 W. 2nd	Project Num	ber: 200'	71-0001	Reported:		
Roswell NM, 88201	Project Mana	ager: Aus	tin Weyant			6/30/2023 11:31:51AM
		B10-1'				
		E306199-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2326001
Benzene	ND	0.0250	1	06/26/23	06/27/23	
Ethylbenzene	ND	0.0250	1	06/26/23	06/27/23	
Foluene	ND	0.0250	1	06/26/23	06/27/23	
p-Xylene	ND	0.0250	1	06/26/23	06/27/23	
o,m-Xylene	ND	0.0500	1	06/26/23	06/27/23	
Total Xylenes	ND	0.0250	1	06/26/23	06/27/23	
Surrogate: 4-Bromochlorobenzene-PID		94.4 %	70-130	06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Analyst: SL		Batch: 2326001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/23	06/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.5 %	70-130	06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM	Batch: 2326039	
Diesel Range Organics (C10-C28)	36.1	25.0	1	06/28/23	06/29/23	
· /						

06/28/23 ND 50.0 1 06/29/23 Oil Range Organics (C28-C36) 06/28/23 06/29/23 94.5 % 50-200 Surrogate: n-Nonane mg/kg Analyst: BA Batch: 2326021 mg/kg Anions by EPA 300.0/9056A 06/27/23 06/27/23 ND 20.0 1 Chloride



Released to Imaging: 11/30/2023 10:25:26 AM Page



	Sa	ample D	ata				
Atkins Engineering Associates Inc. 2904 W. 2nd Roswell NM, 88201	Project Name: Project Numbe Project Manag						Reported: 6/30/2023 11:31:51AM
		B10-2'					
		E306199-16					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst:	SL		Batch: 2326001
Benzene	ND	0.0250	1	1	06/26/23	06/27/23	
Ethylbenzene	ND	0.0250		1	06/26/23	06/27/23	
Toluene	ND	0.0250		1	06/26/23	06/27/23	
o-Xylene	ND	0.0250		1	06/26/23	06/27/23	
p,m-Xylene	ND	0.0500		1	06/26/23	06/27/23	
Total Xylenes	ND	0.0250		1	06/26/23	06/27/23	
Surrogate: 4-Bromochlorobenzene-PID		94.1 %	70-130		06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2326001
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/26/23	06/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130		06/26/23	06/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	КМ		Batch: 2326039
Diesel Range Organics (C10-C28)	ND	25.0	:	1	06/28/23	06/29/23	
Oil Range Organics (C28-C36)	ND	50.0		1	06/28/23	06/29/23	
Surrogate: n-Nonane		90.2 %	50-200		06/28/23	06/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2326021
Chloride	ND	20.0]	1	06/27/23	06/27/23	



	S	ample D	ata			
Atkins Engineering Associates Inc. 2904 W. 2nd Roswell NM, 88201	Project Name:Blackcat 8"Project Number:20071-0001Project Manager:Austin Weyant					Reported: 6/30/2023 11:31:51AM
		B11-Surface				
		E306199-17				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2326001
Benzene	ND	0.0250	1	06/26/23	06/28/23	
Ethylbenzene	0.247	0.0250	1	06/26/23	06/28/23	
Toluene	0.0759	0.0250	1	06/26/23	06/28/23	
o-Xylene	0.153	0.0250	1	06/26/23	06/28/23	
p,m-Xylene	0.372	0.0500	1	06/26/23	06/28/23	
Total Xylenes	0.525	0.0250	1	06/26/23	06/28/23	
Surrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130	06/26/23	06/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2326001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/23	06/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.7 %	70-130	06/26/23	06/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2326039
Diesel Range Organics (C10-C28)	202	25.0	1	06/28/23	06/29/23	
Oil Range Organics (C28-C36)	148	50.0	1	06/28/23	06/29/23	
Surrogate: n-Nonane		91.8 %	50-200	06/28/23	06/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2326021
Chloride	ND	20.0	1	06/27/23	06/27/23	

QC Summary Data

		X U N			•				
Atkins Engineering Associates Inc. 2904 W. 2nd Roswell NM, 88201		Project Name: Project Number: Project Manager:	20	lackcat 8" 0071-0001 ustin Weyant					Reported: 6/30/2023 11:31:51AM
		Volatile O	rganics	by EPA 802	1B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2326001-BLK1)							Prepared: 0	6/26/23 A	analyzed: 06/27/23
Benzene	ND	0.0250					1		•
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Fotal Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.53	0.0220	8.00		94.2	70-130			
LCS (2326001-BS1)							Prepared: 0	6/26/23 A	analyzed: 06/27/23
Benzene	5.11	0.0250	5.00		102	70-130			
Ethylbenzene	5.01	0.0250	5.00		100	70-130			
Foluene	5.08	0.0250	5.00		102	70-130			
o-Xylene	5.03	0.0250	5.00		101	70-130			
o,m-Xylene	10.2	0.0500	10.0		102	70-130			
Fotal Xylenes	15.2	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.2	70-130			
Matrix Spike (2326001-MS1)				Source:	E306199-	07	Prepared: 0	6/26/23 A	analyzed: 06/27/23
Benzene	5.02	0.0250	5.00	ND	100	54-133			
Ethylbenzene	4.96	0.0250	5.00	0.0884	97.4	61-133			
Foluene	4.99	0.0250	5.00	ND	99.9	61-130			
p-Xylene	4.95	0.0250	5.00	0.0667	97.6	63-131			
o,m-Xylene	10.1	0.0500	10.0	0.153	99.3	63-131			
Fotal Xylenes	15.0	0.0250	15.0	0.220	98.7	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.3	70-130			
Matrix Spike Dup (2326001-MSD1)				Source:	E306199-	07	Prepared: 0	6/26/23 A	analyzed: 06/27/23
Benzene	4.98	0.0250	5.00	ND	99.5	54-133	0.877	20	
	4.95	0.0250	5.00	0.0884	97.2	61-133	0.193	20	
Ethylbenzene	4.95								
Ethylbenzene Foluene	4.95	0.0250	5.00	ND	99.2	61-130	0.679	20	
5			5.00 5.00	ND 0.0667	99.2 97.1	61-130 63-131	0.679 0.556	20 20	
Foluene	4.96	0.0250							
Foluene D-Xylene	4.96 4.92	0.0250 0.0250	5.00	0.0667	97.1	63-131	0.556	20	



QC Summary Data

		QC D	u I I I I I I	aly Data	L				
Atkins Engineering Associates Inc. 2904 W. 2nd Roswell NM, 88201		Project Name: Project Number: Project Manager:	2	Blackcat 8" 20071-0001 Austin Weyant					Reported: 6/30/2023 11:31:51AM
	No	nhalogenated O	Organics	s by EPA 801	5D - Gl	RO			Analyst: SL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2326001-BLK1)							Prepared: 0	6/26/23	Analyzed: 06/27/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130			
LCS (2326001-BS2)							Prepared: 0	6/26/23	Analyzed: 06/27/23
Gasoline Range Organics (C6-C10)	44.9	20.0	50.0		89.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.3	70-130			
Matrix Spike (2326001-MS2)				Source: l	E306199-	07	Prepared: 0	6/26/23	Analyzed: 06/27/23
Gasoline Range Organics (C6-C10)	49.9	20.0	50.0	ND	99.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			
Matrix Spike Dup (2326001-MSD2)				Source: l	E306199-	07	Prepared: 0	6/26/23	Analyzed: 06/27/23
Gasoline Range Organics (C6-C10)	53.4	20.0	50.0	ND	107	70-130	6.80	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			

QC Summary Data

		QU DY	u	ary Date	•				
Atkins Engineering Associates Inc. 2904 W. 2nd		Project Name: Project Number:		Blackcat 8" 20071-0001					Reported:
Roswell NM, 88201		Project Manager:	A	Austin Weyant					6/30/2023 11:31:51AM
	Nonh	alogenated Org	anics by	7 EPA 8015D	- DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2326039-BLK1)							Prepared: 0	6/28/23 A	Analyzed: 06/28/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.9		50.0		91.8	50-200			
LCS (2326039-BS1)							Prepared: 0	6/28/23 A	Analyzed: 06/28/23
Diesel Range Organics (C10-C28)	248	25.0	250		99.3	38-132			
Surrogate: n-Nonane	48.9		50.0		97.8	50-200			
Matrix Spike (2326039-MS1)				Source:	E306199-	11	Prepared: 0	6/28/23 A	Analyzed: 06/28/23
Diesel Range Organics (C10-C28)	578	25.0	250	330	99.3	38-132			
Surrogate: n-Nonane	52.0		50.0		104	50-200			
Matrix Spike Dup (2326039-MSD1)				Source:	E306199-	11	Prepared: 0	6/28/23 A	Analyzed: 06/28/23
Diesel Range Organics (C10-C28)	647	25.0	250	330	127	38-132	11.3	20	
Surrogate: n-Nonane	49.9		50.0		99.8	50-200			



QC Summary Data

		$\mathbf{x} \in \mathbf{z}$	••••••						
Atkins Engineering Associates Inc. 2904 W. 2nd		Project Name: Project Number:		Blackcat 8" 0071-0001					Reported:
Roswell NM, 88201		Project Manager	: A	ustin Weyant					6/30/2023 11:31:51AM
		Anions	by EPA	300.0/9056 A	4				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2326021-BLK1)							Prepared: 0	6/27/23	Analyzed: 06/27/23
Chloride	ND	20.0							
LCS (2326021-BS1)							Prepared: 0	6/27/23	Analyzed: 06/27/23
Chloride	262	20.0	250		105	90-110			
Matrix Spike (2326021-MS1)				Source:	E306199-0	01	Prepared: 0	6/27/23	Analyzed: 06/27/23
Chloride	1570	20.0	250	1250	126	80-120			M2
Matrix Spike Dup (2326021-MSD1)				Source:	E306199-0	01	Prepared: 0	6/27/23	Analyzed: 06/27/23
Chloride	1430	20.0	250	1250	70.6	80-120	9.33	20	M2

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



	2 chintion	5 unu 1 (oteb	
Atkins Engineering Associates Inc.	Project Name:	Blackcat 8"	
2904 W. 2nd	Project Number:	20071-0001	Reported:
Roswell NM, 88201	Project Manager:	Austin Weyant	06/30/23 11:31

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Project Ir	nformation				Chain c	of Custody												Page 🧾	of	2
Address:		Eng ging	Wey	ut.	Bill To Attention: ATKINS Eng Address: City, State, Zip		Lab E2	wo#	ŧ	7	Job 20(Num	ber - COC	1	2D	TAT 3D	Standard	EPA F	Program SDWA RCRA	
City, Stat Phone: Email: Report d					Phone: Email:		DRO/ORO by 8015	GRO/DRO by 8015	/ 8021	8260	6010	e 300.0					NM CC	State		_
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/OI	K GRO/DI	Катех by 8021	VOC by 8260	Metals 6010	Chloride 300.0		_				Remark	5	
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Chain of Custody

Project In	formation				Chain o	of Custody										Page <u>7</u>	of Z
Address:	HKins E Blackcal lanager: AU	stin l	Veya	u£	Bill To Attention: A+1kins Address: City, State, Zip		Lab E Z	wo# 3©(in moleta	19	Job 20	Number		TA D 3D	T Standard		gram SDWA RCRA
City, State Phone: Email: Report du					Phone: Email:		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			NM CO	State UT AZ T	x
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/(GRO/I	BTEX	voc b	Meta	Chlori				Remarks	
	6-23-23	Soil	١	137-	Surface	11	X	X	X			X					
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				그는 것이 있는 것이 아이는 것이 아이지 않는 것이 아이지 않는 것이 아이지?	y with this COC. The liability of the laboratory											1953 S.V. 1997 C	
									~(E	11	e	٦V	/11	ot	ec	:h

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

	Atkins Engineering Associates Inc. Da	ate Received:	06/26/23 07:	00	Work Order ID: E306199
Phone:	(575) 626-3993 Da	te Logged In:	06/26/23 08:	15	Logged In By: Alexa Michaels
Email:		ie Date:	06/30/23 17	:00 (4 day TAT)	
Chain o	of Custody (COC)				
1. Does	the sample ID match the COC?		Yes		
2. Does	the number of samples per sampling site location match	the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	ourier
4. Was t	he COC complete, i.e., signatures, dates/times, requested	analyses?	No	_	
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Comments/Resolution
Sample	Turn Around Time (TAT)				
	he COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled is missing on the COC by
Sample					client.
	a sample cooler received?		Yes		
8. If yes	, was cooler received in good condition?		Yes		
9. Was t	he sample(s) received intact, i.e., not broken?		Yes		
10. Wer	e custody/security seals present?		No		
	es, were custody/security seals intact?		NA		
•	the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re		Yes		
	minutes of sampling				
13. If no	visible ice, record the temperature. Actual sample ter	nperature: <u>4°</u>	<u>C</u>		
<u>Sample</u>	Container				
14. Are	aqueous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
	-				
	he head space less than 6-8 mm (pea sized or less)?		NA		
16. Is th 17. Was	e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses?		NA NA		
16. Is th 17. Was 18. Are	e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers?				
16. Is th 17. Was 18. Are	e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses?	collected?	NA		
 16. Is th 17. Was 18. Are 19. Is the Field Late 	he head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel		NA Yes		
 16. Is th 17. Was 18. Are 19. Is the Field La 20. Wer 	the head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform		NA Yes Yes		
 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 	the head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID?		NA Yes Yes Yes		
 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 	the head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform		NA Yes Yes Yes Yes		
 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 	he head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected?		NA Yes Yes Yes		
 16. Is th 17. Was 18. Are 19. Is the Field La 20. Wer 	he head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name?	ation:	NA Yes Yes Yes Yes		
16. Is th 17. Was 18. Are 19. Is the Field La 20. Wer Sample 21. Doe	the head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u>	ation:	NA Yes Yes Yes No		
 16. Is th 17. Was 18. Are 19. Is the Field La 20. Wer Sample 21. Doe 22. Are 	the head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were preservation	ation: erved?	NA Yes Yes Yes No No		
 16. Is th 17. Was 18. Are 19. Is the Field Li 20. Were 20. Were 21. Doe 22. Are 24. Is la 	the head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved?	ation: erved?	NA Yes Yes Yes No No NA		
 16. Is th 17. Was 18. Are 19. Is the Field Li 20. Were 20. Were 21. Doe 22. Are 24. Is la Multipl 	the head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta	ation: rved? ls?	NA Yes Yes Yes No No NA		
16. Is th 17. Was 18. Are 19. Is the Field L 20. Wer 21. Doe 22. Are 24. Is la Multipl 26. Doe	the head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta nase Sample Matrix	ation: erved? ls?	NA Yes Yes Yes No No NA No		
16. Is th 17. Was 18. Are 19. Is the Field L: 20. Wer 21. Doe 22. Are 24. Is la Multipl 26. Doe 27. If ye	the head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta nase Sample Matrix s the sample have more than one phase, i.e., multiphase? es, does the COC specify which phase(s) is to be analyzed	ation: erved? ls?	NA Yes Yes Yes No No NA No		
16. Is th 17. Was 18. Are 19. Is the Field L: 20. Wer 21. Doe 22. Are 24. Is la Multipl 26. Doe 27. If ye	the head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta hase Sample Matrix s the sample have more than one phase, i.e., multiphase?	ation: erved? lls? d?	NA Yes Yes Yes No No NA No		



envirotech Inc.



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Atkins Engineering Associates Inc.

Project Name:

Blackcat

Work Order: E307079

Job Number: 20071-0001

Received: 7/18/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/19/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 7/19/23

Lynn Acosta 2904 W. 2nd Roswell, NM 88201

Project Name: Blackcat Workorder: E307079 Date Received: 7/18/2023 8:15:00AM

Lynn Acosta,



Page 59 of 252

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/18/2023 8:15:00AM, under the Project Name: Blackcat.

The analytical test results summarized in this report with the Project Name: Blackcat apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services Office: 505-421-LABS(5227)

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

		Sample Sum	mar y		
Atkins Engineering Associates Inc. 2904 W. 2nd		Project Name: Project Number:	Blackcat 20071-0001		Reported:
Roswell NM, 88201		Project Manager:	Lynn Acosta		07/19/23 16:22
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
B4 - 0.5'	E307079-01A	Soil	07/16/23	07/18/23	Glass Jar, 2 oz.
B5 - 0.5'	E307079-02A	Soil	07/16/23	07/18/23	Glass Jar, 2 oz.
B6 - 0.5'	E307079-03A	Soil	07/16/23	07/18/23	Glass Jar, 2 oz.
B7 - 0.5'	E307079-04A	Soil	07/16/23	07/18/23	Glass Jar, 2 oz.
B8 - 0.5'	E307079-05A	Soil	07/16/23	07/18/23	Glass Jar, 2 oz.
B9 - 0.5'	E307079-06A	Soil	07/16/23	07/18/23	Glass Jar, 2 oz.
B11 - 0.5'	E307079-07A	Soil	07/16/23	07/18/23	Glass Jar, 2 oz.
B3 - 1'	E307079-08A	Soil	07/16/23	07/18/23	Glass Jar, 2 oz.



Sample Data Project Name: Blackcat Atkins Engineering Associates Inc. 2904 W. 2nd **Reported:** Project Number: 20071-0001 Roswell NM, 88201 7/19/2023 4:22:01PM Project Manager: Lynn Acosta B4 - 0.5' E307079-01 Reporting Analyte Result Limit Dilution Prepared Analyzed Notes mg/kg mg/kg Analyst: IY Batch: 2329015 Nonhalogenated Organics by EPA 8015D - GRO 1 07/18/23 07/18/23 ND 20.0 Gasoline Range Organics (C6-C10) Surrogate: 1-Chloro-4-fluorobenzene-FID 82.3 % 07/18/23 07/18/23 70-130 Analyst: KM Batch: 2329020 mg/kg mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 25.0 1 07/18/23 07/18/23 165 Diesel Range Organics (C10-C28) 50.0 07/18/23 07/18/23 137 1 Oil Range Organics (C28-C36) 07/18/23 Surrogate: n-Nonane 106 % 50-200 07/18/23



Sample Data

	~	ampie D	uuu			
Atkins Engineering Associates Inc.	Project Nam	e: Bla	ckcat			
2904 W. 2nd	Project Num	ber: 200	071-0001			Reported:
Roswell NM, 88201	Project Man	ager: Lyr	nn Acosta			7/19/2023 4:22:01PM
		B5 - 0.5'				
		E307079-02				
		Reporting	5			
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2329015
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.9 %	70-130	07/18/23	07/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2329020
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/23	07/18/23	
Dil Range Organics (C28-C36)	ND	50.0	1	07/18/23	07/18/23	
Surrogate: n-Nonane		108 %	50-200	07/18/23	07/18/23	



Sample Data

	~		utu			
Atkins Engineering Associates Inc.	Project Nam	ie: Blae	ckcat			
2904 W. 2nd	Project Num	ber: 200	71-0001			Reported:
Roswell NM, 88201	Project Man	ager: Lyn	n Acosta			7/19/2023 4:22:01PM
		B6 - 0.5'				
		E307079-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2329015
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.2 %	70-130	07/18/23	07/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2329020
Diesel Range Organics (C10-C28)	118	25.0	1	07/18/23	07/19/23	
Dil Range Organics (C28-C36)	101	50.0	1	07/18/23	07/19/23	
Surrogate: n-Nonane		107 %	50-200	07/18/23	07/19/23	



Sample Data

	~	Jumpic D	aca			
Atkins Engineering Associates Inc.	Project Nam	ie: Bla	ckcat			
2904 W. 2nd	Project Num	ber: 200	071-0001			Reported:
Roswell NM, 88201	Project Man	ager: Lyr	nn Acosta			7/19/2023 4:22:01PM
		B7 - 0.5'				
		E307079-04				
		Reporting	5			
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2329015
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.5 %	70-130	07/18/23	07/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2329020
Diesel Range Organics (C10-C28)	54.3	25.0	1	07/18/23	07/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/23	07/18/23	
Surrogate: n-Nonane		110 %	50-200	07/18/23	07/18/23	



Sample Data

~					
Project Name	e: Blac	ekcat			
Project Numb	ber: 200	71-0001			Reported:
Project Mana	ger: Lyn	n Acosta			7/19/2023 4:22:01PM
	B8 - 0.5'				
	E307079-05				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analys	t: IY		Batch: 2329015
ND	20.0	1	07/18/23	07/18/23	
	82.8 %	70-130	07/18/23	07/18/23	
mg/kg	mg/kg	Analys	t: KM		Batch: 2329020
121	25.0	1	07/18/23	07/18/23	
134	50.0	1	07/18/23	07/18/23	
	107 %	50-200	07/18/23	07/18/23	
	Project Name Project Numl Project Mana Result mg/kg MD mg/kg 121	Project Name: Black Project Number: 200 Project Manager: Lyn B8 - 0.5' B8 - 0.5' E307079-05 Reporting Result Limit mg/kg mg/kg Mg/kg 82.8 % mg/kg 121 25.0 134	Project Number: 20071-0001 Project Manager: Lynn Acosta B8 - 0.5' E307079-05 E307079-05 Resolt Limit Dilution mg/kg mg/kg Analys ND 20.0 1 82.8 % 70-130 1 mg/kg mg/kg Analys 121 25.0 1 134 50.0 1	I Blackcat Project Namber: 20071-0001 Project Manager: Lynn Acosta B8 - 0.5' Resolt Dilution Prepared mg/kg mg/kg Analyst: IV 07/18/23 mg/kg mg/kg Analyst: IV 01/18/23 121 25.0 1 07/18/23 134 50.0 1 07/18/23	Image: Blackcat Project Namber: $20071-0001$ Project Manager: Lynn Acosta B8 - 0.5' B8 - 0.5' E307079-05 Reporting Reporting Mp/kg Mg/kg Analyzed MD 20.0 1 $07/18/23$ $07/18/23$ Mg/kg Mg/kg Analyst: I Mp/kg mg/kg Analyst: I 121 25.0 1 $07/18/23$ $07/18/23$ 134 50.0 1 $07/18/23$ $07/18/23$



Sample Data

	L.	Jampie D	ala			
Atkins Engineering Associates Inc.	Project Nam	ne: Bla	ckcat			
2904 W. 2nd	Project Num	nber: 200	071-0001			Reported:
Roswell NM, 88201	Project Man	ager: Lyr	nn Acosta			7/19/2023 4:22:01PM
		B9 - 0.5'				
		E307079-06				
		Reporting	5			
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2329015
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.4 %	70-130	07/18/23	07/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2329020
Diesel Range Organics (C10-C28)	41.9	25.0	1	07/18/23	07/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/23	07/18/23	
Surrogate: n-Nonane		102 %	50-200	07/18/23	07/18/23	



Sample Data

	~	Sample D	ata			
Atkins Engineering Associates Inc.	Project Nam	ie: Blae	ekcat			
2904 W. 2nd	Project Num	ber: 200	71-0001			Reported:
Roswell NM, 88201	Project Man	ager: Lyn	n Acosta			7/19/2023 4:22:01PM
		B11 - 0.5'				
		E307079-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2329015
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.7 %	70-130	07/18/23	07/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2329020
Diesel Range Organics (C10-C28)	133	25.0	1	07/18/23	07/18/23	
Dil Range Organics (C28-C36)	111	50.0	1	07/18/23	07/18/23	
Surrogate: n-Nonane		106 %	50-200	07/18/23	07/18/23	



Sample Data

	L L	Jampie D	ala			
Atkins Engineering Associates Inc.	Project Nam	ie: Bla	ckcat			
2904 W. 2nd	Project Num	ber: 200	071-0001			Reported:
Roswell NM, 88201	Project Man	ager: Lyr	nn Acosta			7/19/2023 4:22:01PM
		B3 - 1'				
		E307079-08				
		Reporting	g			
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2329015
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.4 %	70-130	07/18/23	07/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2329020
Diesel Range Organics (C10-C28)	69.6	25.0	1	07/18/23	07/18/23	
Oil Range Organics (C28-C36)	50.7	50.0	1	07/18/23	07/18/23	
Surrogate: n-Nonane		108 %	50-200	07/18/23	07/18/23	



QC Summary Data

		QU N		ary Date	•				
Atkins Engineering Associates Inc. 2904 W. 2nd		Project Name: Project Number:	-	Blackcat 20071-0001					Reported:
Roswell NM, 88201		Project Manager:	Ι	Lynn Acosta					7/19/2023 4:22:01PM
	No	nhalogenated O	rganics	by EPA 80 1	15D - G	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2329015-BLK1)							Prepared: 0	7/18/23 A	analyzed: 07/18/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.62		8.00		82.8	70-130			
LCS (2329015-BS2)							Prepared: 0	7/18/23 A	analyzed: 07/18/23
Gasoline Range Organics (C6-C10)	43.3	20.0	50.0		86.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.70		8.00		83.8	70-130			
Matrix Spike (2329015-MS2)				Source:	E307077-	02	Prepared: 0	7/18/23 A	analyzed: 07/18/23
Gasoline Range Organics (C6-C10)	45.4	20.0	50.0	ND	90.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.66		8.00		83.2	70-130			
Matrix Spike Dup (2329015-MSD2)				Source:	E307077-	02	Prepared: 0	7/18/23 A	analyzed: 07/18/23
Gasoline Range Organics (C6-C10)	44.4	20.0	50.0	ND	88.9	70-130	2.26	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.68		8.00		83.5	70-130			

QC Summary Data

		QC B	umma	il y Dat	а				
Atkins Engineering Associates Inc. 2904 W. 2nd Roswell NM, 88201		Project Name: Project Number: Project Manager:	20	lackcat 0071-0001 ynn Acosta					Reported: 7/19/2023 4:22:01PM
	Nonh	alogenated Org	anics by	EPA 8015I) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2329020-BLK1)							Prepared: 0	7/18/23 A	Analyzed: 07/18/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.9		50.0		112	50-200			
LCS (2329020-BS1)							Prepared: 0	7/18/23 A	Analyzed: 07/18/23
Diesel Range Organics (C10-C28)	264	25.0	250		105	38-132			
Surrogate: n-Nonane	52.0		50.0		104	50-200			
Matrix Spike (2329020-MS1)				Source:	E307079-	03	Prepared: 0	7/18/23 A	Analyzed: 07/19/23
Diesel Range Organics (C10-C28)	335	25.0	250	118	86.8	38-132			
Surrogate: n-Nonane	47.5		50.0		94.9	50-200			
Matrix Spike Dup (2329020-MSD1)				Source:	E307079-	03	Prepared: 0	7/18/23 A	Analyzed: 07/19/23
Diesel Range Organics (C10-C28)	408	25.0	250	118	116	38-132	19.7	20	
Surrogate: n-Nonane	53.8		50.0		108	50-200			

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Γ	Atkins Engineering Associates Inc.	Project Name:	Blackcat	
L	2904 W. 2nd	Project Number:	20071-0001	Reported:
	Roswell NM, 88201	Project Manager:	Lynn Acosta	07/19/23 16:22

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project	Information

Page $\underline{1}$ of $\underline{1}$

ient: Atking Engineering	Bill To				ab Us			and and the			TAT			ogram
oject: Blackcart oject Manager: Lynn Accorde	Attention: Attins Engineerin Address:	4 Lat	wo:	#	9	Job Number 2007 -0001			1D	2D	3D	Standard	CWA	SDWA
ddress:	City, State, Zip		201	01				d Metho	d					RCRA
ty, State, Zip	Phone:	_					Π		T					
none:	Email:	8015	8015										State	
mail:		by 80	y 80	17	0		0.0						UT AZ	TX
eport due by:		ROP	ROb	y 80.	826	601	le 30					\mathbf{X}		
Time Date Sampled Matrix No. of Containers Sample	ID NL	_abovo/ovo	GRO/DRO by	BTEX by 802	VOC by 8260	Metals 6010	Chloride 300.0						Remarks	
7/16/23 Soil 1	34-0.51	X	X											
	5-0.5' 2	. 1	1					8						
	6-0.5	3												
	$34-0.5^{1}$ 1 $35-0.5^{1}$ 2 $56-0.5^{1}$ 2 $57-0.5^{1}$ 2	ł												
	38-0.5' 5	5												
	38-0.5' E	2					ļ							
	311-0.5'	7												
	33-1'	8 1												
					4									
dditional Instructions:														
(field sampler), attest to the validity and authenticity of this sa ate or time of collection is considered fraud and may be groun	nple. I am aware that tampering with or intentionally mislabelling the s s for legal action. <u>Sampled by:</u>	mple locatio	n,			1000 (200 m)	and the second	1.50				ved on ice the day t C on subsequent da		d or received
elinguished by: (Signature) A The Plate, 7/17/23	Time 12:30 M/Cllll (Jurs 7	-17-23	Time	23	б	Rece	eived	on ice:			e Only	'		
Hinguished by: (Signature) Date 7-17-2	Time Received by (Signature) Dat	17.2	Time	73		<u>T1</u>			<u>T2</u>			<u>T3</u>		
elinquished by: (Signature) J Date JACIAN MUSSO 7.17.7	Time Becgived by/ (Signature)// Dat	18/23	Time 8:	15		AVG	6 Tem	p°c_2	1					
mole Matrix: S - Soil Sd - Solid Sg - Sludge A - Aqueous O - (ther ICo	tainer Tvr	e: g -	glass.	p - p	oly/pl	lastic,	ag - amb	er gla	ss, v -	VOA			
ote: Samples are discarded 30 days after results are rep amples is applicable only to those samples received by t	orted unless other arrangements are made. Hazardous samples ne laboratory with this COC. The liability of the laboratory is limit	will be retu ed to the a	irned t nount	o clier paid f	nt or d for on t	lispose the re	ed of at port.	the clien	t expe	nse. 1	The repo	ort for the analy	vsis of the al	oove
											•			
					(=	3	(1	V		ot	P	cr
					Contraction of the second	-		₩ I		V			~ ·	
	Page 16 of	17								11 de	8 · w			

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

lient:	Atkins Engineering Associates Inc.	Date Received:	07/18/23 08	:15	Work Order ID: E307079
Phone:	(575) 626-3993 E	Date Logged In:	07/18/23 08	:31	Logged In By: Caitlin Mars
Email:	Γ	Due Date:	07/20/23 17	2:00 (2 day TAT)	
Chain of C	Custody (COC)				
1. Does the	e sample ID match the COC?		Yes		
2. Does the	e number of samples per sampling site location match	the COC	Yes		
3. Were sar	mples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was the	COC complete, i.e., signatures, dates/times, requeste	d analyses?	No	_	
	samples received within holding time? Note: Analysis, such as pH which should be conducted in th		Yes		Comments/Resolution
	i.e, 15 minute hold time, are not included in this disucssion.			-	
	Irn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not provided on COC per
			105		client.
<u>Sample Co</u> 7 Was a sa	ample cooler received?		Yes		
	vas cooler received in good condition?		Yes		
•	sample(s) received intact, i.e., not broken?				
	ustody/security seals present?		Yes		
	were custody/security seals intact?		No		
•		(0) 200	NA		
	sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re- minutes of sampling		Yes		
13. If no vi	isible ice, record the temperature. Actual sample te	mperature: <u>4</u> °	<u>'C</u>		
Sample Co	ontainer				
14. Are aqu	ueous VOC samples present?		No		
15. Are VC	DC samples collected in VOA Vials?		NA		
16. Is the h	lead space less than 6-8 mm (pea sized or less)?		NA		
17. Was a t	trip blank (TB) included for VOC analyses?		NA		
18. Are not	n-VOC samples collected in the correct containers?		Yes		
19. Is the ap	ppropriate volume/weight or number of sample container	s collected?	Yes		
Field Labe					
	ield sample labels filled out with the minimum inform	nation:			
	mple ID? te/Time Collected?		Yes		
	llectors name?		Yes Yes		
	reservation		100		
_	ne COC or field labels indicate the samples were pres	erved?	No		
22. Are sar	nple(s) correctly preserved?		NA		
24. Is lab fi	ilteration required and/or requested for dissolved met	als?	No		
<u>Multiph</u> as	e Sample Matrix				
	ne sample have more than one phase, i.e., multiphase	?	No		
27. If yes, o	does the COC specify which phase(s) is to be analyze	ed?	NA		
Subcontra	<u>ict Laboratory</u>				
28. Are sar	nples required to get sent to a subcontract laboratory	?	No		
	subcontract laboratory specified by the client and if so		NA S	Subcontract Lab	o: na
	struction				

Signature of client authorizing changes to the COC or sample disposition.



envirotech Inc.



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





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Practical Solutions for a Better Tomorrow

Analytical Report

Atkins Engineering Associates Inc.

Project Name:

Blackcat

Work Order: E307130

Job Number: 20071-0001

Received: 7/24/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/26/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 7/26/23

Lynn Acosta 2904 W. 2nd Roswell, NM 88201

Project Name: Blackcat Workorder: E307130 Date Received: 7/24/2023 5:30:00AM

Lynn Acosta,



Page 76 of 252

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/24/2023 5:30:00AM, under the Project Name: Blackcat.

The analytical test results summarized in this report with the Project Name: Blackcat apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services

Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary									
Atkins Engineering Associates Inc.		Project Name:	Blackcat		Reported:				
2904 W. 2nd		Project Number:	20071-0001		Reporteu.				
Roswell NM, 88201		Project Manager:	Lynn Acosta		07/26/23 13:57				
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container				
Client Sample ID B1-2.5'	Lab Sample ID E307130-01A	Matrix Soil	Sampled 07/21/23	Received 07/24/23	Container Glass Jar, 2 oz.				



Project Name: Blackcat Atkins Engineering Associates Inc. 2904 W. 2nd **Reported:** Project Number: 20071-0001 7/26/2023 1:57:33PM Roswell NM, 88201 Project Manager: Lynn Acosta B1-2.5' E307130-01 Reporting Analyte Result Limit Dilution Prepared Analyzed Notes mg/kg mg/kg Analyst: IY Batch: 2330001 Nonhalogenated Organics by EPA 8015D - GRO 07/24/23 07/25/23 ND 20.0 1 Gasoline Range Organics (C6-C10) Surrogate: 1-Chloro-4-fluorobenzene-FID 82.7 % 07/24/2307/25/2370-130 Analyst: KM Batch: 2330028 mg/kg mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 5 07/25/23 07/25/23 819 125 Diesel Range Organics (C10-C28) 250 5 07/25/23 07/25/23 317 Oil Range Organics (C28-C36) Surrogate: n-Nonane 98.6 % 50-200 07/25/23 07/25/23

Sample Data



Sample Data

	k	sampic D	ata			
Atkins Engineering Associates Inc.	Project Nam	ne: Bla	ckcat			
2904 W. 2nd	Project Num	nber: 200	71-0001			Reported:
Roswell NM, 88201	Project Man	ager: Lyr	n Acosta			7/26/2023 1:57:33PM
		B2-2.5'				
		E307130-02				
		Reporting	5			
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2330001
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/23	07/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.1 %	70-130	07/24/23	07/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2330028
Diesel Range Organics (C10-C28)	131	25.0	1	07/25/23	07/26/23	
Oil Range Organics (C28-C36)	68.6	50.0	1	07/25/23	07/26/23	
Surrogate: n-Nonane		90.0 %	50-200	07/25/23	07/26/23	



QC Summary Data

		$\chi \cup \gamma$		ary Date	~				
Atkins Engineering Associates Inc. 2904 W. 2nd		Project Name: Project Number:		Blackcat 0071-0001					Reported:
Roswell NM, 88201		Project Manager:	L	ynn Acosta					7/26/2023 1:57:33PM
	No	nhalogenated O	Organics	by EPA 80	15D - GI	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2330001-BLK1)							Prepared: 0	7/24/23 A	analyzed: 07/24/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.66		8.00		83.2	70-130			
LCS (2330001-BS2)							Prepared: 0	7/24/23 A	analyzed: 07/24/23
Gasoline Range Organics (C6-C10)	42.9	20.0	50.0		85.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.74		8.00		84.3	70-130			
Matrix Spike (2330001-MS2)				Source:	E307117-	01	Prepared: 0	7/24/23 A	analyzed: 07/24/23
Gasoline Range Organics (C6-C10)	39.2	20.0	50.0	ND	78.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.71		8.00		83.8	70-130			
Matrix Spike Dup (2330001-MSD2)				Source:	E307117-(01	Prepared: 0	7/24/23 A	analyzed: 07/24/23
Gasoline Range Organics (C6-C10)	42.0	20.0	50.0	ND	84.0	70-130	6.86	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.69		8.00		83.7	70-130			

QC Summary Data

		QC BI	u 111111 c	ii y Data	a				
Atkins Engineering Associates Inc. 2904 W. 2nd Roswell NM, 88201		Project Name: Project Number: Project Manager:	20	lackcat 0071-0001 ynn Acosta					Reported: 7/26/2023 1:57:33PM
	Nonh	alogenated Orga	anics by	EPA 8015I) - DRO	/ORO			Analyst: KM
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2330028-BLK1)							Prepared: 0	7/25/23 A	nalyzed: 07/25/23
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	42.5		50.0		84.9	50-200			
LCS (2330028-BS1)							Prepared: 0	7/25/23 A	nalyzed: 07/25/23
Diesel Range Organics (C10-C28)	234	25.0	250		93.5	38-132			
Surrogate: n-Nonane	44.3		50.0		88.6	50-200			
Matrix Spike (2330028-MS1)				Source:	E307092-	06	Prepared: 0	7/25/23 A	nalyzed: 07/25/23
Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	38-132			
Surrogate: n-Nonane	47.1		50.0		94.3	50-200			
Matrix Spike Dup (2330028-MSD1)				Source:	E307092-	06	Prepared: 0	7/25/23 A	nalyzed: 07/25/23
Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.6	38-132	5.80	20	
Surrogate: n-Nonane	51.0		50.0		102	50-200			

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Atkins Engineering Associates Inc.	Project Name:	Blackcat	
2904 W. 2nd	Project Number:	20071-0001	Reported:
Roswell NM, 88201	Project Manager:	Lynn Acosta	07/26/23 13:57
	2904 W. 2nd	2904 W. 2nd Project Number:	2904 W. 2nd Project Number: 20071-0001

ND	Analyte NOT DETECTED at or above the reporting limit
----	--

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Projec	t Inforr	mation

Client:	Atkins	Engres	ina			Bill To	-				La	b Us	e Onl	V				TA	Т	EPA P	rogram
Project:	RICCLO	r.t				Attention: Attains E	nguoodi	14		WO#		1.1.1.1	Job N	lumb	er	1D	2D	3D	Standard	CWA	SDWA
Project N	Manager: L	um A	costa		12P010200.0	Address:	U		E2	5	113				100			X			
Address		0			- 10990 ALC: 100	City, State, Zip							Analy	sis an	d Metho	d			Sec. 1		RCRA
City, Stat	te, Zip		_			Phone:															
Phone:						Email:		-	015	015				_					turil co	State	
Email:									by 8	by 8	021	60	10	00.00					NM CC	UT AZ	
Report d	ue by:								DRO	ORO	oy 8(y 82	s 60	de 3					\sim		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0					-	Remarks	
	7/21/23	Soil	1	B1 -	2.5	1		1	X	X											
	l	1	l	BI - 132 -	2.5	1		2	1	l											
							_														_
												5.5					+				
																+	-				
																-	+-	-			
													1	_							
							CII.														
Addition	al Instructio	ns: ew	ail 3	Prelims	3 m	ults to ' Lym	10 atlain	s-enq.	con			-							I		_
I, (field sam		e validity and	authenticity	of this sample.	l am aware	that tampering with or intentionally Sampled by:	y mislabelling t						Sec. 31.23			0			ceived on ice the day 5 °C on subsequent o		ed or received
Relinquish	ed by: (Signatur		Date	/ Tir	ne 1645	Received by: (Signatime)	0	Date 7-11-	23	Time	45	-	Roco	ivod	on ice:		ab U	se On	ly		
	ed by: (Signatur	e) rale	Date	Tir	ne 1830	Received by: (Signature)	A	P.DU.	22	1 X	:3		TI	iveu	on ice.	T	و		<u>T3</u>		
	ed by: (Signatur		Date		ne	Received by: (Signature)		Date	5	Time			17		0	4		-	_ 13		
							T.						AVG			Se					
	rix: S - Soil, Sd - S							Container												1	h an an
						ner arrangements are made. Ha									the clier	it expe	ense.	The re	port for the ana	lysis of the a	bove
samples is	applicable only	to those sai	nples rece	ived by the lab	oratory w	ith this COC. The liability of the la	aboratory is I	imited to th	ne am	ount p	aid foi	r on t	ne rep	ort.					3		

Released to Imaging: 11/30/2023 10:25:26 AM

Received by OCD: 10/3/2023 10:35:19 AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

lient:	Atkins Engineering Associates Inc. Da	te Received:	07/24/23 05:	:30	Work Order ID:	E307130
Phone:	(575) 626-3993 Da	te Logged In:	07/24/23 06:	36	Logged In By:	Alexa Michaels
Email:		ie Date:		:00 (2 day TAT)		
Chain o	f Custody (COC)					
1. Does	the sample ID match the COC?		Yes			
2. Does	the number of samples per sampling site location match	the COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	ourier	
4. Was tl	he COC complete, i.e., signatures, dates/times, requested	analyses?	No			
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Comment	s/Resolution
Sample	Turn Around Time (TAT)]		
	e COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not provi	ded on the COC
Sample	· •					
_	sample cooler received?		Yes			
	, was cooler received in good condition?		Yes			
•	he sample(s) received intact, i.e., not broken?		Yes			
10. Were	e custody/security seals present?		No			
	s, were custody/security seals intact?		NA			
	he sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re-		Yes			
	minutes of sampling					
13. If no	visible ice, record the temperature. Actual sample ten	nperature: <u>4</u> °	<u>'C</u>			
<u>Sample</u>	<u>Container</u>					
14. Are a	aqueous VOC samples present?		No			
15. Are	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
19. Is the	appropriate volume/weight or number of sample containers	collected?	Yes			
Field La						
	e field sample labels filled out with the minimum inform.	ation:	V			
	Sample ID? Date/Time Collected?		Yes			
	Collectors name?		Yes Yes			
	Preservation		105			
_	s the COC or field labels indicate the samples were prese	rved?	No			
	sample(s) correctly preserved?		NA			
	b filteration required and/or requested for dissolved meta	ls?	No			
	ase Sample Matrix					
<u>Mul</u> tiph	s the sample have more than one phase, i.e., multiphase?		No			
	s the sumple have more than one phase, i.e., maniphase.					
26. Does	s, does the COC specify which phase(s) is to be analyzed	1?	NA			
26. Does 27. If ye	s, does the COC specify which phase(s) is to be analyzed	1?	NA			
26. Does 27. If ye <u>Subcont</u>		1?	NA No			

Signature of client authorizing changes to the COC or sample disposition.



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Phone: (505) 632-1881 Envirotech-inc.com





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Practical Solutions for a Better Tomorrow

Analytical Report

Atkins Engineering Associates Inc.

Project Name:

Blackcat

Work Order: E307129

Job Number: 20071-0001

Received: 7/24/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/26/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 7/26/23

Lynn Acosta 2904 W. 2nd Roswell, NM 88201

Project Name: Blackcat Workorder: E307129 Date Received: 7/24/2023 5:30:00AM

Lynn Acosta,



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Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/24/2023 5:30:00AM, under the Project Name: Blackcat.

The analytical test results summarized in this report with the Project Name: Blackcat apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services

Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Chain of Custody etc.	10

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		Sample Sum	mary		
Atkins Engineering Associates Inc.		Project Name:	Blackcat		Reported:
2904 W. 2nd		Project Number:	20071-0001		Reporteu.
Roswell NM, 88201		Project Manager:	Lynn Acosta		07/26/23 13:56
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Client Sample ID B1-3'	Lab Sample ID E307129-01A	Matrix Soil	Sampled 07/21/23	Received 07/24/23	Container Glass Jar, 2 oz.

1 0

C



Sample Data Project Name: Blackcat Atkins Engineering Associates Inc. 2904 W. 2nd **Reported:** Project Number: 20071-0001 Roswell NM, 88201 Project Manager: Lynn Acosta 7/26/2023 1:56:00PM B1-3' E307129-01 Reporting Analyte Result Limit Dilution Prepared Analyzed Notes mg/kg mg/kg Analyst: IY Batch: 2330001 Nonhalogenated Organics by EPA 8015D - GRO 1 07/24/23 07/25/23 ND 20.0 Gasoline Range Organics (C6-C10) Surrogate: 1-Chloro-4-fluorobenzene-FID 83.0 % 07/24/2307/25/2370-130 Analyst: KM Batch: 2330028 mg/kg mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 25.0 1 07/25/23 07/25/23 297 Diesel Range Organics (C10-C28) 50.0 07/25/23 07/25/23 111 1 Oil Range Organics (C28-C36) 07/25/23 90.4 % 50-200 07/25/23

Surrogate: n-Nonane



Sample Data

	L L	Jampie D	ata			
Atkins Engineering Associates Inc.	Project Nam	ne: Bla	ckcat			
2904 W. 2nd	Project Num	nber: 200	71-0001			Reported:
Roswell NM, 88201	Project Man	ager: Lyr	in Acosta			7/26/2023 1:56:00PM
		B2-3'				
		E307129-02				
		Reporting	ţ.			
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2330001
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/23	07/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.7 %	70-130	07/24/23	07/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2330028
Diesel Range Organics (C10-C28)	74.9	25.0	1	07/25/23	07/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/23	07/25/23	
Surrogate: n-Nonane		98.5 %	50-200	07/25/23	07/25/23	



QC Summary Data

		QC D	umma	ary Data	a				
Atkins Engineering Associates Inc. 2904 W. 2nd Roswell NM, 88201		Project Name: Project Number: Project Manager:	20	lackcat 0071-0001 ynn Acosta					Reported: 7/26/2023 1:56:00PM
	No	onhalogenated O	rganics	by EPA 80	15D - GI	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
	6 6	6 6	00	00			,,,		
Blank (2330001-BLK1)							Prepared: 0	7/24/23 A	analyzed: 07/24/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.66		8.00		83.2	70-130			
LCS (2330001-BS2)							Prepared: 0	7/24/23 A	analyzed: 07/24/23
Gasoline Range Organics (C6-C10)	42.9	20.0	50.0		85.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.74		8.00		84.3	70-130			
Matrix Spike (2330001-MS2)				Source:	E307117-()1	Prepared: 0	7/24/23 A	analyzed: 07/24/23
Gasoline Range Organics (C6-C10)	39.2	20.0	50.0	ND	78.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.71		8.00		83.8	70-130			
Matrix Spike Dup (2330001-MSD2)				Source:	E307117-()1	Prepared: 0	7/24/23 A	analyzed: 07/24/23
Gasoline Range Organics (C6-C10)	42.0	20.0	50.0	ND	84.0	70-130	6.86	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.69		8.00		83.7	70-130			

QC Summary Data

		QC D	uIIIIIa	ary Dat	а				
Atkins Engineering Associates Inc. 2904 W. 2nd Roswell NM, 88201		Project Name: Project Number: Project Manager:	2	lackcat 0071-0001 ynn Acosta					Reported: 7/26/2023 1:56:00PM
	Nonh	alogenated Org	anics by	EPA 8015I) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2330028-BLK1)							Prepared: 0)7/25/23 <i>I</i>	Analyzed: 07/25/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.5		50.0		84.9	50-200			
LCS (2330028-BS1)							Prepared: 0	07/25/23 A	Analyzed: 07/25/23
Diesel Range Organics (C10-C28)	234	25.0	250		93.5	38-132			
Surrogate: n-Nonane	44.3		50.0		88.6	50-200			
Matrix Spike (2330028-MS1)				Source:	E307092-	•06	Prepared: 0	07/25/23 A	Analyzed: 07/25/23
Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	38-132			
Surrogate: n-Nonane	47.1		50.0		94.3	50-200			
Matrix Spike Dup (2330028-MSD1)				Source:	E307092-	•06	Prepared: 0	07/25/23 A	Analyzed: 07/25/23
Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.6	38-132	5.80	20	
Surrogate: n-Nonane	51.0		50.0		102	50-200			

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Γ	Atkins Engineering Associates Inc.	Project Name:	Blackcat	
	2904 W. 2nd	Project Number:	20071-0001	Reported:
	Roswell NM, 88201	Project Manager:	Lynn Acosta	07/26/23 13:56

ND	Analyte NOT DETECTED at or above the reporting limit
1.12	inalyte no r bbrbe rbb at or above the reporting initi

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Dro	inct	Information	
PIU	Jecc	mormation	1

Released to Imaging: 11/30/2023 10:25:26 AM

Client:	Attkins					Bill To	-				La	ab Us	se On	ly					TA	т	EPA P	rogram
Project:	Blueler		*		A REAL PROPERTY	ention: Atlairs			Lab V	WO#	510	5	Job	Num	ber	1	1D 2	2D	3D	Standard	CWA	SDWA
	Manager: (ym A.	Acc	512	STRONG PLAN	ress:		-	EG	D	110	M			1-00				X			DCDA
Address: City, Stat					Pho	, State, Zip				_		-	Analy	sis a	nd Metl	nod						RCRA
Phone:	le, Zip				Ema			_	S	5											State	
Email:							10		/ 801	801	_	-		0					-	NM CO	UT AZ	TX
Report d	ue by:								(o by	to by	802	8260	5010	300						X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab mber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0				- 	ļ.	2	Remarks	
	7/2/23	Soil	, L	BI -: BZ-	3'			1	X	X												
	l	l	l	BZ-	3'			2	l	1					_					_		_
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Addition	al Instructio	ns: Pr	elung	3. ORALU	to .	Lynnechtuseng.a	com	L.					4									
				of this sample. I ar be grounds for lega		tampering with or intentionally misl Sampled by:	labelling the sa	imple lo	cation,	w	4									eived on ice the day °C on subsequent da		ed or received
Relinguish	ed by: (Signatur	e) A	Date	/ / Time		Received by: (Signature)	le 7	212	23	Time	e45	5	Rece	eived	l on ice	:	A		e Onl	у		
Relinquish	ed by: (Signatur	e) usale	Date	Time	330	Received by: (Signature)	A 7	24:	23	Time 5	:2	\bigcirc	T1			٦	С Г2			<u>T3</u>		
	ed by: (Signatur	e) 🧳	Date	Time		Received by: (Signature)	Date	•		Time			AVG	Tom	on °C	C	ł					
Sample Mat	rix: S - Soil, Sd - So	olid, Sg - Slud	ge, A - Aque	ous, O - Other			Con	tainer	Type	: g - g	lass, I				ag - an	ber	glass	, v -	VOA			
					less other a	rrangements are made. Hazard														ort for the analy	sis of the a	bove
samples is	applicable only	to those sar	mples recei	ved by the labora	tory with th	is COC. The liability of the labora	atory is limite	ed to th	ie amo	ount p	aid fo	r on t	he rep	oort.								

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Received by OCD: 10/3/2023 10:35:19 AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

	Atkins Engineering Associates Inc.	Date Received:	07/24/23 05:	30	Work Order ID: E307129
Phone:	(575) 626-3993	Date Logged In:	07/24/23 06:	34	Logged In By: Alexa Michaels
Email:		Due Date:	07/26/23 17:	00 (2 day TAT)	
Chain of	Custody (COC)				
1. Does t	he sample ID match the COC?		Yes		
2. Does t	he number of samples per sampling site location mat	ch the COC	Yes		
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was th	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	No		
5. Were a	Ill samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssic		Yes	_	Comments/Resolution
Sample 7	<u>Furn Around Time (TAT)</u>				
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not provided on the COC
Sample (<u>Cooler</u>				
7. Was a	sample cooler received?		Yes		
8. If yes,	was cooler received in good condition?		Yes		
9. Was th	e sample(s) received intact, i.e., not broken?		Yes		
10. Were	custody/security seals present?		No		
11. If yes	, were custody/security seals intact?		NA		
12. Was th	he sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are	· · ·	Yes		
13 Ifno	minutes of sampling visible ice, record the temperature. Actual sample	temperature: 4°	C		
		temperature. <u>+</u>	<u>c</u>		
	Container queous VOC samples present?				
1 1. 1 110 4	queous voc sumples present.		No		
15 Are V	/OC samples collected in VOA Vials?		No NA		
	OC samples collected in VOA Vials?		NA		
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA NA		
16. Is the 17. Was a	head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses?		NA NA NA		
16. Is the 17. Was a 18. Are n	head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers?		NA NA		
 16. Is the 17. Was a 18. Are n 19. Is the 	head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? ion-VOC samples collected in the correct containers? appropriate volume/weight or number of sample contain		NA NA NA Yes		
 16. Is the 17. Was a 18. Are n 19. Is the Field La 	head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? ion-VOC samples collected in the correct containers? appropriate volume/weight or number of sample contain	ers collected?	NA NA NA Yes		
 16. Is the 17. Was a 18. Are m 19. Is the Field La 20. Were S 	head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? ion-VOC samples collected in the correct containers? appropriate volume/weight or number of sample contain bel field sample labels filled out with the minimum info ample ID?	ers collected?	NA NA NA Yes		
 16. Is the 17. Was a 18. Are n 19. Is the Field La 20. Were S E 	head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? ion-VOC samples collected in the correct containers? appropriate volume/weight or number of sample contain bel field sample labels filled out with the minimum info ample ID? Date/Time Collected?	ers collected?	NA NA Yes Yes Yes Yes		
16. Is the 17. Was a 18. Are n 19. Is the Field La 20. Were S C	head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? ion-VOC samples collected in the correct containers? appropriate volume/weight or number of sample contain bel field sample labels filled out with the minimum info ample ID? Date/Time Collected? Collectors name?	ers collected?	NA NA NA Yes Yes		
16. Is the 17. Was a 18. Are n 19. Is the Field La 20. Were S C Sample 1	head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? ion-VOC samples collected in the correct containers? appropriate volume/weight or number of sample contain bel field sample labels filled out with the minimum info ample ID? Date/Time Collected? Collectors name? Preservation	ers collected?	NA NA Yes Yes Yes Yes Yes		
16. Is the 17. Was a 18. Are n 19. Is the Field La 20. Were S C Sample 1 21. Does	head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? on-VOC samples collected in the correct containers? appropriate volume/weight or number of sample contain bel field sample labels filled out with the minimum info ample ID? Date/Time Collected? Collectors name? <u>Preservation</u> the COC or field labels indicate the samples were pr	ers collected?	NA NA Yes Yes Yes Yes Yes		
16. Is the 17. Was a 18. Are n 19. Is the Field La 20. Were S C Sample J 21. Does 22. Are s	head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? ion-VOC samples collected in the correct containers? appropriate volume/weight or number of sample contain bel field sample labels filled out with the minimum info ample ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were pr ample(s) correctly preserved?	ers collected? rmation: eserved?	NA NA Yes Yes Yes Yes No NA		
16. Is the 17. Was a 18. Are n 19. Is the Field La 20. Were S C Sample 1 21. Does 22. Are s 24. Is lab	head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? ion-VOC samples collected in the correct containers? appropriate volume/weight or number of sample contain bel field sample labels filled out with the minimum info ample ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were pr ample(s) correctly preserved? filteration required and/or requested for dissolved m	ers collected? rmation: eserved?	NA NA Yes Yes Yes Yes Yes		
16. Is the 17. Was a 18. Are n 19. Is the Field La 20. Were S C Sample I 21. Does 22. Are s 24. Is lab Multipha	head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? ion-VOC samples collected in the correct containers? appropriate volume/weight or number of sample contain bel field sample labels filled out with the minimum info ample ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were pr ample(s) correctly preserved? filteration required and/or requested for dissolved m ase Sample Matrix	ers collected? rmation: eserved? etals?	NA NA Yes Yes Yes Yes No NA		
16. Is the 17. Was a 18. Are n 19. Is the Field La 20. Were S Sample 1 21. Does 22. Are s 24. Is lab Multipha 26. Does	head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? ion-VOC samples collected in the correct containers? appropriate volume/weight or number of sample contain bel field sample labels filled out with the minimum info ample ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were pr ample(s) correctly preserved? filteration required and/or requested for dissolved m ase Sample Matrix the sample have more than one phase, i.e., multiphase	ers collected? rmation: eserved? etals? se?	NA NA Yes Yes Yes Yes No NA No		
16. Is the 17. Was a 18. Are n 19. Is the Field La 20. Were S Sample 1 21. Does 22. Are s 24. Is lab Multipha 26. Does	head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? ion-VOC samples collected in the correct containers? appropriate volume/weight or number of sample contain bel field sample labels filled out with the minimum info ample ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were pr ample(s) correctly preserved? filteration required and/or requested for dissolved m ase Sample Matrix	ers collected? rmation: eserved? etals? se?	NA NA Yes Yes Yes Yes No NA		
16. Is the 17. Was a 18. Are n 19. Is the Field La 20. Were S C Sample 1 21. Does 22. Are s 24. Is lab Multipha 26. Does 27. If yes	 head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample contain bel field sample labels filled out with the minimum info ample ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were pr ample(s) correctly preserved? filteration required and/or requested for dissolved mass sample Matrix the sample have more than one phase, i.e., multiphase, does the COC specify which phase(s) is to be analy ract Laboratory 	ers collected? rmation: eserved? etals? se? zed?	NA NA Yes Yes Yes Yes No NA No		
16. Is the 17. Was a 18. Are n 19. Is the Field La 20. Were S C Sample I 21. Does 22. Are s 24. Is lab Multipha 26. Does 27. If yes Subconta 28. Are s	 head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample contain bel field sample labels filled out with the minimum info ample ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were pr ample(s) correctly preserved? filteration required and/or requested for dissolved measures ase Sample Matrix the sample have more than one phase, i.e., multiphase, one of the COC specify which phase(s) is to be analy 	ers collected? rmation: eserved? etals? se? zed? ry?	NA NA Yes Yes Yes Yes No NA No		

Signature of client authorizing changes to the COC or sample disposition.



envirotech Inc.

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5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Atkins Engineering Associates Inc.

Project Name:

Blackcat

Work Order: E307128

Job Number: 20071-0001

Received: 7/24/2023

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 7/27/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 7/27/23

Lynn Acosta 2904 W. 2nd Roswell, NM 88201

Project Name: Blackcat Workorder: E307128 Date Received: 7/24/2023 5:30:00AM

Lynn Acosta,



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Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/24/2023 5:30:00AM, under the Project Name: Blackcat.

The analytical test results summarized in this report with the Project Name: Blackcat apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services

Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Definitions and Notes	8
Chain of Custody etc.	9

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v		Sample Sum	mary		
Atkins Engineering Associates Inc.		Project Name:	Blackcat		Reported:
2904 W. 2nd		Project Number:	20071-0001		Reporteur
Roswell NM, 88201		Project Manager:	Lynn Acosta		07/27/23 13:43
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Client Sample ID B1-4'	Lab Sample ID E307128-01A	Matrix Soil	Sampled 07/21/23	Received 07/24/23	Container Glass Jar, 2 oz.



		Sample D	ata			
Atkins Engineering Associates Inc.	Project Name	e: Blac	ekcat			
2904 W. 2nd	Project Num	ber: 200	71-0001			Reported:
Roswell NM, 88201	Project Mana	ager: Lyn	n Acosta			7/27/2023 1:43:57PM
		B1-4'				
		E307128-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2330001
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/23	07/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.4 %	70-130	07/24/23	07/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2330028
Diesel Range Organics (C10-C28)	76.9	25.0	1	07/25/23	07/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/23	07/25/23	
Surrogate: n-Nonane		92.0 %	50-200	07/25/23	07/25/23	

Sampla Data



QC Summary Data

		QU N		ary Date					
Atkins Engineering Associates Inc. 2904 W. 2nd Roswell NM, 88201		Project Name: Project Number: Project Manager:	2	Blackcat 0071-0001 .ynn Acosta					Reported: 7/27/2023 1:43:57PM
Roswell NM, 88201		Project Manager.	L	Jynn Acosta					//2//2023 1.43.5/FM
	No	nhalogenated O	rganics	by EPA 80	15D - GI	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2330001-BLK1)							Prepared: 0	7/24/23 Ai	nalyzed: 07/24/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.66		8.00		83.2	70-130			
LCS (2330001-BS2)							Prepared: 0	7/24/23 Ai	nalyzed: 07/24/23
Gasoline Range Organics (C6-C10)	42.9	20.0	50.0		85.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.74		8.00		84.3	70-130			
Matrix Spike (2330001-MS2)				Source:	E307117-(01	Prepared: 0	7/24/23 Ai	nalyzed: 07/24/23
Gasoline Range Organics (C6-C10)	39.2	20.0	50.0	ND	78.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.71		8.00		83.8	70-130			
Matrix Spike Dup (2330001-MSD2)				Source:	E307117-(01	Prepared: 0	7/24/23 Ai	nalyzed: 07/24/23
Gasoline Range Organics (C6-C10)	42.0	20.0	50.0	ND	84.0	70-130	6.86	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.69		8.00		83.7	70-130			



QC Summary Data

		QC D	u 111111	ary Dat	a				
Atkins Engineering Associates Inc. 2904 W. 2nd Roswell NM, 88201		Project Name: Project Number: Project Manager:	2	Blackcat 20071-0001 Lynn Acosta					Reported: 7/27/2023 1:43:57PM
	Nonh	alogenated Org	anics by	y EPA 80151	D - DRO	/ORO			Analyst: KM
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2330028-BLK1)							Prepared: 0	7/25/23 A	analyzed: 07/25/23
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	42.5		50.0		84.9	50-200			
LCS (2330028-BS1)							Prepared: 0	7/25/23 A	analyzed: 07/25/23
Diesel Range Organics (C10-C28)	234	25.0	250		93.5	38-132			
Surrogate: n-Nonane	44.3		50.0		88.6	50-200			
Matrix Spike (2330028-MS1)				Source:	E307092-	06	Prepared: 0	7/25/23 A	analyzed: 07/25/23
Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	38-132			
Surrogate: n-Nonane	47.1		50.0		94.3	50-200			
Matrix Spike Dup (2330028-MSD1)				Source:	E307092-	06	Prepared: 0	7/25/23 A	analyzed: 07/25/23
Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.6	38-132	5.80	20	
Surrogate: n-Nonane	51.0		50.0		102	50-200			

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



ſ				
	Atkins Engineering Associates Inc.	Project Name:	Blackcat	
	2904 W. 2nd	Project Number:	20071-0001	Reported:
	Roswell NM, 88201	Project Manager:	Lynn Acosta	07/27/23 13:43

ND	Analyte NOT DETECTED at or above the reporting limit
----	--

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Released to Imaging: 11/30/2023 10:25:26 AM

Page 1 of 1

Client:	ATKIN				Bill To		and a		La	ab Us	se On	ly		inde.		T	AT	EPA P	rogram
Project:	Blacker				Attention: ATKINS		Lab	WO	#	0	Job	Num	ber		.D 2D) 3D	Standard	CWA	SDWA
	Manager:	yn A	nosta		Address:		E	30-	712	LX.			-00			X			0.004
Address:					City, State, Zip		-	1	_		Analy	sis an	d Meth	nod	-	-1			RCRA
City, Stat Phone:	e, Zip				Phone:		s	10										State	
Email:					Email:		8015	8015									NIML CO	UT AZ	TTY
Report d	ue bv:						DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	010	Chloride 300.0					X		
Time			No, of			Lab	/OR	/DRI	<pre>/d ></pre>	by 8	Metals 6010	ride					· · ·		
Sampled	Date Sampled	Matrix	Containers	Sample ID		Numbe	DRO	GRO	BTE)	VOC	Met	Chlo						Remarks	
	7/21/23	Soil	l	B1-4	1		X	K		-					_				
			l.	B2-4	V	2	1		-							_			
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															-3				
1																			
Addition	al Instruction	ns: F	tod	with the second second					I,	L							I		
		validity and	authenticity		are that tampering with or intentionally mislab	elling the sample		n,									ceived on ice the day 6 °C on subsequent d		ed or receiver
				be grounds for legal acti		MA.	t	-			раскец	in ice a	an avg te			-	8	ays.	Statute Mercedanes
(A	d by: (Signatur	Inte		121/23 Time	Concours			I	245	Ĩ	Rece	ived	on ice:	: (Tabl	Jse Or N	liy		
Relinquishe	d by: (Signatur	em ls	Date	22-23 Time	Beceived by: (Signature)	Date 7.24	.22	Time	5:3	30	T1			T	2		Т3	and an	
Relinquishe	d by: (Signature	e) S	Date		Received by: (Signature)	Date		Time	-	~	AVG	Tom	n°C	4					
Sample Matr	ix: S - Soil, Sd - So	olid. Sg - Slud	ge. A - Aque	ous. O - Other		Containe	er Type	e: g - 1	glass	p - n				ber	elass, v	- VOA			
	A Desire and the second second second second		-		- other arrangements are made. Hazardou												port for the anal	ysis of the a	ibove
					with this COC. The liability of the laborate														

envirotech Page 105 of 252

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

	Atkins Engineering Associates Inc. D	ate Received:	07/24/23 05:30)	Work Order ID: E307128
Phone:	(575) 626-3993 D	ate Logged In:	07/24/23 06:32	2	Logged In By: Alexa Michaels
Email:		ue Date:	07/26/23 17:0	0 (2 day TAT)	
Chain of	f Custody (COC)				
1. Does t	the sample ID match the COC?		Yes		
2. Does t	the number of samples per sampling site location match	the COC	Yes		
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was th	ne COC complete, i.e., signatures, dates/times, requester	d analyses?	No		
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Comments/Resolution
Sample '	<u>Turn Around Time (TAT)</u>				
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Additional Instructions on COC : HOLD
Sample (<u>Cooler</u>				Time sampled not provided on the COC
7. Was a	sample cooler received?		Yes		
8. If yes,	was cooler received in good condition?		Yes		
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes		
10. Were	e custody/security seals present?		No		
11. If yes	s, were custody/security seals intact?		NA		
12. Was tl	he sample received on ice? If yes, the recorded temp is 4°C, i.e Note: Thermal preservation is not required, if samples are re- minutes of sampling		Yes		
13. If no	visible ice, record the temperature. Actual sample te	mperature: 4°	С		
Sample	Container	-			
14. Are a	aqueous VOC samples present?		No		
	aqueous VOC samples present? VOC samples collected in VOA Vials?		No NA		
15. Are V					
15. Are V 16. Is the	VOC samples collected in VOA Vials?		NA		
15. Are V 16. Is the 17. Was :	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)?		NA NA		
 15. Are V 16. Is the 17. Was and 18. Are r 	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses?	s collected?	NA NA NA		
 15. Are V 16. Is the 17. Was and 18. Are r 	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container	s collected?	NA NA NA Yes		
 Are V Is the Was a Are r Are r Is the Field La Were 	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel e field sample labels filled out with the minimum inform		NA NA NA Yes Yes		
 15. Are V 16. Is the 17. Was a 18. Are r 19. Is the Field La 20. Were 	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel e field sample labels filled out with the minimum inform Sample ID?		NA NA Yes Yes Yes		
 15. Are V 16. Is the 17. Was at 18. Are r 19. Is the Field La 20. Were as 12. In 19. Is 19. Is	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected?		NA NA Yes Yes Yes Yes		
15. Are V 16. Is the 17. Was a 18. Are r 19. Is the Field La 20. Were S I C	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name?		NA NA Yes Yes Yes		
15. Are V 16. Is the 17. Was a 18. Are r 19. Is the Field La 20. Were S I C Sample	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation	nation:	NA NA Yes Yes Yes Yes		
15. Are V 16. Is the 17. Was a 18. Are r 19. Is the Field La 20. Were S I C Sample 2 21. Does	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name?	nation:	NA NA Yes Yes Yes Yes Yes		
15. Are V 16. Is the 17. Was 1 18. Are r 19. Is the Field La 20. Were S I C Sample 1 21. Does 22. Are s	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pres	nation: erved?	NA NA Yes Yes Yes Yes No		
15. Are V 16. Is the 17. Was 3 18. Are r 19. Is the Field La 20. Were S I C Sample 1 21. Does 22. Are s 24. Is lab	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were pres sample(s) correctly preserved? o filteration required and/or requested for dissolved met	nation: erved?	NA NA Yes Yes Yes Yes No NA		
15. Are V 16. Is the 17. Was 3 18. Are r 19. Is the Field La 20. Were S I C Sample 1 21. Does 22. Are s 24. Is lab Multiph	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation 5 the COC or field labels indicate the samples were pres sample(s) correctly preserved? o filteration required and/or requested for dissolved met ase Sample Matrix	nation: erved? als?	NA NA Yes Yes Yes Yes No NA No		
15. Are V 16. Is the 17. Was a 18. Are r 19. Is the Field La 20. Were S I C Sample 1 21. Does 22. Are s 24. Is lab Multiph 26. Does	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation is the COC or field labels indicate the samples were press sample(s) correctly preserved? the filteration required and/or requested for dissolved met ase Sample Matrix is the sample have more than one phase, i.e., multiphase?	nation: erved? als? ?	NA NA Yes Yes Yes No NA No		
15. Are V 16. Is the 17. Was 3 18. Are r 19. Is the Field La 20. Were S C Sample 1 21. Does 22. Are s 24. Is lab Multiph 26. Does 27. If yes	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation 5 the COC or field labels indicate the samples were pres sample(s) correctly preserved? o filteration required and/or requested for dissolved met ase Sample Matrix	nation: erved? als? ?	NA NA Yes Yes Yes Yes No NA No		
15. Are V 16. Is the 17. Was 3 18. Are r 19. Is the Field La 20. Were S Sample 21. Does 22. Are s 24. Is lab Multiph 26. Does 27. If yes	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation 5 the COC or field labels indicate the samples were presses sample(s) correctly preserved? o filteration required and/or requested for dissolved met ase Sample Matrix 5 the sample have more than one phase, i.e., multiphasef s, does the COC specify which phase(s) is to be analyzed	nation: erved? als? 2 2d?	NA NA Yes Yes Yes No NA No		

Signature of client authorizing changes to the COC or sample disposition.



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5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Atkins Engineering Associates Inc.

Project Name:

Blackcat

Work Order: E307127

Job Number: 20071-0001

Received: 7/24/2023

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 7/27/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 7/27/23

Lynn Acosta 2904 W. 2nd Roswell, NM 88201

Project Name: Blackcat Workorder: E307127 Date Received: 7/24/2023 5:30:00AM

Lynn Acosta,



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Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/24/2023 5:30:00AM, under the Project Name: Blackcat.

The analytical test results summarized in this report with the Project Name: Blackcat apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services Office: 505-421-LABS(5227)

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	7
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Chain of Custody etc.	9

Received by OCD: 10/3/2023 10:35:19 AM

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		Sample Sum	mary								
Atkins Engineering Associates Inc.		Project Name:	Blackcat		Depented						
2904 W. 2nd		Project Number:	20071-0001	20071-0001 Report				Reported:			
Roswell NM, 88201		Project Manager:	Lynn Acosta		07/27/23 13:41						
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container						
Client Sample ID B1-5'	Lab Sample ID E307127-01A	Matrix Soil	Sampled 07/21/23	Received 07/24/23	Container Glass Jar, 2 oz.						

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	2	Sample D	ata							
Atkins Engineering Associates Inc.	Project Name	e: Blac								
2904 W. 2nd	Project Num	ber: 200	71-0001			Reported:				
Roswell NM, 88201	Project Mana	ager: Lyn	n Acosta			7/27/2023 1:41:09PM				
		B1-5'								
		E307127-01								
Reporting										
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes				
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2330001				
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/23	07/24/23					
urrogate: 1-Chloro-4-fluorobenzene-FID		82.9 %	70-130	07/24/23	07/24/23					
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2330028				
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/23	07/25/23					
Dil Range Organics (C28-C36)	ND	50.0	1	07/25/23	07/25/23					
urrogate: n-Nonane		96.2 %	50-200	07/25/23	07/25/23					

Samnle Data



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Received by OCD: 10/3/2023 10:35:19 AM

QC Summary Data

		QC D		in y Data					
Atkins Engineering Associates Inc. 2904 W. 2nd Roswell NM, 88201		Project Name: Project Number: Project Manager:	20	lackcat 0071-0001 ynn Acosta					Reported: 7/27/2023 1:41:09PM
	No	nhalogenated O	rganics	by EPA 80	15D - GI	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2330001-BLK1)							Prepared: 0	7/24/23 A	nalyzed: 07/24/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.66		8.00		83.2	70-130			
LCS (2330001-BS2)							Prepared: 0	7/24/23 A	nalyzed: 07/24/23
Gasoline Range Organics (C6-C10)	42.9	20.0	50.0		85.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.74		8.00		84.3	70-130			
Matrix Spike (2330001-MS2)				Source:	E307117-0)1	Prepared: 0	7/24/23 A	nalyzed: 07/24/23
Gasoline Range Organics (C6-C10)	39.2	20.0	50.0	ND	78.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.71		8.00		83.8	70-130			
Matrix Spike Dup (2330001-MSD2)				Source:	E307117-(01	Prepared: 0	7/24/23 A	nalyzed: 07/24/23
Gasoline Range Organics (C6-C10)	42.0	20.0	50.0	ND	84.0	70-130	6.86	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.69		8.00		83.7	70-130			



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Received by OCD: 10/3/2023 10:35:19 AM

QC Summary Data

		QC D	u 111111	ary Data	ц				
Atkins Engineering Associates Inc. 2904 W. 2nd		Project Name: Project Number:	2	Blackcat 0071-0001					Reported:
Roswell NM, 88201		Project Manager:	L	ynn Acosta					7/27/2023 1:41:09PM
	Nonh	alogenated Org	anics by	EPA 8015I) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2330028-BLK1)							Prepared: 0	7/25/23 A	Analyzed: 07/25/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.5		50.0		84.9	50-200			
LCS (2330028-BS1)							Prepared: 0	7/25/23 A	Analyzed: 07/25/23
Diesel Range Organics (C10-C28)	234	25.0	250		93.5	38-132			
Surrogate: n-Nonane	44.3		50.0		88.6	50-200			
Matrix Spike (2330028-MS1)				Source:	E307092-	06	Prepared: 0	7/25/23 A	Analyzed: 07/25/23
Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	38-132			
Surrogate: n-Nonane	47.1		50.0		94.3	50-200			
Matrix Spike Dup (2330028-MSD1)				Source:	E307092-	06	Prepared: 0	7/25/23 A	Analyzed: 07/25/23
Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.6	38-132	5.80	20	
Surrogate: n-Nonane	51.0		50.0		102	50-200			

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



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Atkins Engineering Associates Inc.	Project Name:	Blackcat	
2904 W. 2nd	Project Number:	20071-0001	Reported:
Roswell NM, 88201	Project Manager:	Lynn Acosta	07/27/23 13:41

ND	Analyte NOT DETECTED at or above the reporting limit
1.12	rinaryte no r beree reb at or above the reporting initi

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



		20 2253
Project	Int	formation

Released to Imaging: 11/30/2023 10:25:26 AM

Page l of l

Client:	ATTY	is Er	A				11000	Bill To					La	b Us	e Onl	у				т	AT		EPA Pi	rogram
Project:	Blacke		0			Attention	h: ATL	LINS	Eng		Lab	WO#	-10	1	Job N	lum	000	11	D 20		Stan	ndard	CWA	SDWA
	lanager:	yan	A. Acc	De		Address:	7.			_	E ć	-Q	712	+	au	711		1		X	4010		_	RCRA
Address: City, State	o 7in					City, State Phone:	e, Zip		-			_		_	Analys	sis ar	nd Meth							RCRA
Phone:	e, zip					Email:				1111	S	S									1		State	
Email:										10.	/ 801	/ 801	-	0		0.					N	M CO	UT AZ	TX
Report du	ue by:						_	_			d OS	d Dy	, 802	8260	6010	e 300					>	<	_	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				12		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0							Remarks	
	7/21/23	Sail	L	BI-	-51	х П				(X	X		5										
			l	B2	-5'					2	X	X												
					_																			
									-															
									1															
																		T						
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Addition	al Instructio	ns: }	10101								•				I		l				l_			
	ler), attest to th of collection is c									he sample lo	cation,						1000	- S.C				ice the day t osequent da		ed or received
Relinguishe	d by: (Signatu			21/23	Time 1645	Receiv	ved by: (Sig		ixel	Date 7-21.	23	Time	243	5	Rece	ived	on ice:	(Lab	Use Oi N	nly			
Relinquishe	d by: (Signatur UOg	re) Jense	Date 7.0	22-23	Time 183	RECAN	ved by: (Sig	mature)	A	Date	23	Time		1	T1			T	2		Ti	3		
Relinquishe	d by: (Signatu	re)	Date	-	Time		ved by: (Sig	(nature)		Date		Time			AVG	Tem	n°C	Ū						
Sample Matr	ix: S - Soil, Sd - S	iolid, Sg - Slud	ge, A - Aque	ous, O - Othe	•				_	Container	Type	:g-g	lass.					ber a	lass, v	/ - VOA				
	les are discard					ther arrange	ments are i	made. Haz								_			_			the analy	sis of the a	bove
samples is a	applicable only	to those sa	mples rece	ived by the l	aboratory	with this COC	C. The liabili	ity of t <mark>he</mark> la	boratory is I	imited to th	ne amo	ount p	aid fo	r on t	he rep	ort.								

envirotech Puge 115 of 252

Envirotech Analytical Laboratory

nstructions: Please take note of any NO checkmarks.									
we receiv	e no response concerning these items within 24 hours of the			-	nalyzed as requested.				
Client:	Atkins Engineering Associates Inc. D	ate Received:	07/24/23	05:30	Work Order ID: E307127				
Phone:		ate Logged In:	07/24/23	06:29	Logged In By: Alexa Michaels				
Email:	D	ue Date:	07/26/23	3 17:00 (2 day TAT	~) 				
<u>Chain o</u>	f Custody (COC)								
1. Does	the sample ID match the COC?		Yes						
	the number of samples per sampling site location match	the COC	Yes						
3. Were	samples dropped off by client or carrier?		Yes	Carrier:	: Courier				
4. Was tl	he COC complete, i.e., signatures, dates/times, requested	l analyses?	No						
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Comments/Resolution				
Samnla	Turn Around Time (TAT)								
	e COC indicate standard TAT, or Expedited TAT?		Yes		Additional Instructions on COC : HOLD				
Sample	· •		105		Time sampled not provided on the COC				
	sample cooler received?		Yes						
	, was cooler received in good condition?		Yes						
	he sample(s) received intact, i.e., not broken?								
	e custody/security seals present?		Yes						
			No						
•	s, were custody/security seals intact?		NA						
	he sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re minutes of sampling visible ice, record the temperature. Actual sample ter	ceived w/i 15	Yes						
		nperature. <u>4</u>	<u>c</u>						
	<u>Container</u>		NI-						
	aqueous VOC samples present?		No NA						
	VOC samples collected in VOA Vials?		NA						
	e head space less than 6-8 mm (pea sized or less)?								
	a trip blank (TB) included for VOC analyses?		NA						
	non-VOC samples collected in the correct containers?	e a a ll a at a d Q	Yes						
	appropriate volume/weight or number of sample containers	s confected?	Yes						
Field La	IDEL e field sample labels filled out with the minimum inform								
	Sample ID?	ation.	Yes						
	Date/Time Collected?		Yes						
	Collectors name?		Yes						
<u>Sample</u>	Preservation								
21. Does	s the COC or field labels indicate the samples were press	erved?	No						
	sample(s) correctly preserved?		NA						
24. Is lat	b filteration required and/or requested for dissolved meta	als?	No						
Multiph	ase Sample Matrix								
26. Does	s the sample have more than one phase, i.e., multiphase?		No						
27. If ye	s, does the COC specify which phase(s) is to be analyze	d?	NA						
	ract Laboratory_								
	samples required to get sent to a subcontract laboratory?		No						
	a subcontract laboratory specified by the client and if so		NA	Subcontract L	ab: NA				
<u>Client l</u>	Instruction								

envirotech Inc.

Signature of client authorizing changes to the COC or sample disposition.

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August 29, 2023

AUSTIN WEYANT ATKINS ENGINEERING 2904 W. 2ND STREET

ROSWELL, NM 88203

RE: BLACKCAT

Enclosed are the results of analyses for samples received by the laboratory on 08/23/23 13:24.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 1 (H234585-01)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	96.8	2.00	2.93	
Toluene*	<0.050	0.050	08/26/2023	ND	1.94	97.0	2.00	0.644	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	1.99	99.5	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.00	100	6.00	3.57	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	mg/kg Analyzed By: AC		d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	159	79.3	200	1.82	
DRO >C10-C28*	122	10.0	08/25/2023	ND	169	84.3	200	3.93	
EXT DRO >C28-C36	24.9	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	82.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 2 (H234585-02)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	96.8	2.00	2.93	
Toluene*	<0.050	0.050	08/26/2023	ND	1.94	97.0	2.00	0.644	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	1.99	99.5	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.00	100	6.00	3.57	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	159	79.3	200	1.82	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	169	84.3	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	56.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	60.6	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 3 (H234585-03)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	96.8	2.00	2.93	
Toluene*	<0.050	0.050	08/26/2023	ND	1.94	97.0	2.00	0.644	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	1.99	99.5	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.00	100	6.00	3.57	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	159	79.3	200	1.82	
DRO >C10-C28*	569	10.0	08/25/2023	ND	169	84.3	200	3.93	
EXT DRO >C28-C36	138	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	79.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.6	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 4 (H234585-04)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	1.94	96.8	2.00	2.93	
Toluene*	<0.050	0.050	08/27/2023	ND	1.94	97.0	2.00	0.644	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	1.99	99.5	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.00	100	6.00	3.57	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	159	79.3	200	1.82	
DRO >C10-C28*	39.2	10.0	08/25/2023	ND	169	84.3	200	3.93	
EXT DRO >C28-C36	12.9	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	79.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.1	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 5 (H234585-05)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	1.94	96.8	2.00	2.93	
Toluene*	<0.050	0.050	08/27/2023	ND	1.94	97.0	2.00	0.644	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	1.99	99.5	2.00	3.50	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.00	100	6.00	3.57	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	g Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	159	79.3	200	1.82	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	169	84.3	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	76.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.6	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 6 (H234585-06)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.09	104	2.00	0.814	
Toluene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.624	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.07	103	2.00	0.582	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.23	104	6.00	0.0408	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	159	79.3	200	1.82	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	169	84.3	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	93.1	48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	6 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 7 (H234585-07)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.09	104	2.00	0.814	
Toluene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.624	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.07	103	2.00	0.582	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.23	104	6.00	0.0408	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	159	79.3	200	1.82	
DRO >C10-C28*	13.4	10.0	08/25/2023	ND	169	84.3	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	89.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 8 (H234585-08)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.09	104	2.00	0.814	
Toluene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.624	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.07	103	2.00	0.582	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.23	104	6.00	0.0408	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	08/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	159	79.3	200	1.82	
DRO >C10-C28*	692	10.0	08/25/2023	ND	169	84.3	200	3.93	
EXT DRO >C28-C36	187	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	77.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.1	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 9 (H234585-09)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.09	104	2.00	0.814	
Toluene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.624	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.07	103	2.00	0.582	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.23	104	6.00	0.0408	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	08/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	159	79.3	200	1.82	
DRO >C10-C28*	841	10.0	08/25/2023	ND	169	84.3	200	3.93	
EXT DRO >C28-C36	217	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	77.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 10 (H234585-10)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.09	104	2.00	0.814	
Toluene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.624	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.07	103	2.00	0.582	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.23	104	6.00	0.0408	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	08/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	159	79.3	200	1.82	
DRO >C10-C28*	757	10.0	08/25/2023	ND	169	84.3	200	3.93	
EXT DRO >C28-C36	196	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	78.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.6	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 11 (H234585-11)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.09	104	2.00	0.814	
Toluene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.624	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.07	103	2.00	0.582	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.23	104	6.00	0.0408	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	08/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	159	79.3	200	1.82	
DRO >C10-C28*	806	10.0	08/25/2023	ND	169	84.3	200	3.93	
EXT DRO >C28-C36	222	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	69.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 12 (H234585-12)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.09	104	2.00	0.814	
Toluene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.624	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.07	103	2.00	0.582	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.23	104	6.00	0.0408	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	08/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	159	79.3	200	1.82	
DRO >C10-C28*	688	10.0	08/25/2023	ND	169	84.3	200	3.93	
EXT DRO >C28-C36	180	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	68.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	59.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 13 (H234585-13)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.09	104	2.00	0.814	
Toluene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.624	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.07	103	2.00	0.582	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.23	104	6.00	0.0408	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	08/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	181	90.7	200	1.04	
DRO >C10-C28*	804	10.0	08/25/2023	ND	173	86.5	200	7.90	
EXT DRO >C28-C36	238	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	92.3	48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	6 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 14 (H234585-14)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.09	104	2.00	0.814	
Toluene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.624	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.07	103	2.00	0.582	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.23	104	6.00	0.0408	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	08/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	181	90.7	200	1.04	
DRO >C10-C28*	832	10.0	08/25/2023	ND	173	86.5	200	7.90	
EXT DRO >C28-C36	249	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	66.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 15 (H234585-15)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.09	104	2.00	0.814	
Toluene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.624	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.07	103	2.00	0.582	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.23	104	6.00	0.0408	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	08/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	181	90.7	200	1.04	
DRO >C10-C28*	722	10.0	08/25/2023	ND	173	86.5	200	7.90	
EXT DRO >C28-C36	219	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	90.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 16 (H234585-16)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.09	104	2.00	0.814	
Toluene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.624	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.07	103	2.00	0.582	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.23	104	6.00	0.0408	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	08/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	181	90.7	200	1.04	
DRO >C10-C28*	600	10.0	08/25/2023	ND	173	86.5	200	7.90	
EXT DRO >C28-C36	273	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	88.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 17 (H234585-17)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.09	104	2.00	0.814	
Toluene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.624	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.07	103	2.00	0.582	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.23	104	6.00	0.0408	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	08/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	181	90.7	200	1.04	
DRO >C10-C28*	542	10.0	08/25/2023	ND	173	86.5	200	7.90	
EXT DRO >C28-C36	238	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	88.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 18 (H234585-18)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.09	104	2.00	0.814	
Toluene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.624	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.07	103	2.00	0.582	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.23	104	6.00	0.0408	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	08/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	181	90.7	200	1.04	
DRO >C10-C28*	456	10.0	08/25/2023	ND	173	86.5	200	7.90	
EXT DRO >C28-C36	195	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	75.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 19 (H234585-19)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.09	104	2.00	0.814	
Toluene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.624	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.07	103	2.00	0.582	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.23	104	6.00	0.0408	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	mg/kg Analyzed By: A		d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	08/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	181	90.7	200	1.04	
DRO >C10-C28*	452	10.0	08/25/2023	ND	173	86.5	200	7.90	
EXT DRO >C28-C36	186	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	76.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 20 (H234585-20)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.09	104	2.00	0.814	
Toluene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.624	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.07	103	2.00	0.582	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.23	104	6.00	0.0408	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	181	90.7	200	1.04	
DRO >C10-C28*	446	10.0	08/25/2023	ND	173	86.5	200	7.90	
EXT DRO >C28-C36	193	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	84.2	48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 %	6 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 21 (H234585-21)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	2.09	104	2.00	0.814	
Toluene*	<0.050	0.050	08/27/2023	ND	2.11	106	2.00	0.624	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.07	103	2.00	0.582	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.23	104	6.00	0.0408	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	mg/kg Analyzed By: AC		d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	181	90.7	200	1.04	
DRO >C10-C28*	370	10.0	08/25/2023	ND	173	86.5	200	7.90	
EXT DRO >C28-C36	173	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	73.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 22 (H234585-22)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	2.09	104	2.00	0.814	
Toluene*	<0.050	0.050	08/27/2023	ND	2.11	106	2.00	0.624	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.07	103	2.00	0.582	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.23	104	6.00	0.0408	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	181	90.7	200	1.04	
DRO >C10-C28*	500	10.0	08/25/2023	ND	173	86.5	200	7.90	
EXT DRO >C28-C36	219	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	72.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 23 (H234585-23)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	2.09	104	2.00	0.814	
Toluene*	<0.050	0.050	08/27/2023	ND	2.11	106	2.00	0.624	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.07	103	2.00	0.582	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.23	104	6.00	0.0408	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	08/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	181	90.7	200	1.04	
DRO >C10-C28*	579	10.0	08/25/2023	ND	173	86.5	200	7.90	
EXT DRO >C28-C36	241	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	76.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 24 (H234585-24)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	2.09	104	2.00	0.814	
Toluene*	<0.050	0.050	08/27/2023	ND	2.11	106	2.00	0.624	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.07	103	2.00	0.582	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.23	104	6.00	0.0408	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	08/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	181	90.7	200	1.04	
DRO >C10-C28*	709	10.0	08/25/2023	ND	173	86.5	200	7.90	
EXT DRO >C28-C36	334	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	87.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 25 (H234585-25)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	2.09	104	2.00	0.814	
Toluene*	<0.050	0.050	08/27/2023	ND	2.11	106	2.00	0.624	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.07	103	2.00	0.582	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.23	104	6.00	0.0408	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	181	90.7	200	1.04	
DRO >C10-C28*	426	10.0	08/25/2023	ND	173	86.5	200	7.90	
EXT DRO >C28-C36	214	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	78.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 26 (H234585-26)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	2.13	107	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2023	ND	2.15	107	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.10	105	2.00	12.9	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.32	105	6.00	12.3	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	181	90.7	200	1.04	
DRO >C10-C28*	768	10.0	08/25/2023	ND	173	86.5	200	7.90	
EXT DRO >C28-C36	379	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	80.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 27 (H234585-27)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	2.13	107	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2023	ND	2.15	107	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.10	105	2.00	12.9	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.32	105	6.00	12.3	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/25/2023	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	181	90.7	200	1.04	
DRO >C10-C28*	525	10.0	08/25/2023	ND	173	86.5	200	7.90	
EXT DRO >C28-C36	274	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	93.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 28 (H234585-28)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	2.13	107	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2023	ND	2.15	107	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.10	105	2.00	12.9	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.32	105	6.00	12.3	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	08/25/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	181	90.7	200	1.04	
DRO >C10-C28*	419	10.0	08/25/2023	ND	173	86.5	200	7.90	
EXT DRO >C28-C36	216	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	85.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 29 (H234585-29)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	2.13	107	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2023	ND	2.15	107	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.10	105	2.00	12.9	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.32	105	6.00	12.3	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/25/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	181	90.7	200	1.04	
DRO >C10-C28*	419	10.0	08/25/2023	ND	173	86.5	200	7.90	
EXT DRO >C28-C36	211	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	85.3	48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 %	6 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 30 (H234585-30)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	2.13	107	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2023	ND	2.15	107	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.10	105	2.00	12.9	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.32	105	6.00	12.3	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/25/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	181	90.7	200	1.04	
DRO >C10-C28*	334	10.0	08/25/2023	ND	173	86.5	200	7.90	
EXT DRO >C28-C36	177	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	91.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	6 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 31 (H234585-31)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	2.13	107	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2023	ND	2.15	107	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.10	105	2.00	12.9	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.32	105	6.00	12.3	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/25/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	181	90.7	200	1.04	
DRO >C10-C28*	167	10.0	08/25/2023	ND	173	86.5	200	7.90	
EXT DRO >C28-C36	92.5	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	89.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 32 (H234585-32)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	2.13	107	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2023	ND	2.15	107	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.10	105	2.00	12.9	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.32	105	6.00	12.3	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/25/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	181	90.7	200	1.04	
DRO >C10-C28*	176	10.0	08/25/2023	ND	173	86.5	200	7.90	
EXT DRO >C28-C36	88.7	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	86.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 33 (H234585-33)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	2.13	107	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2023	ND	2.15	107	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.10	105	2.00	12.9	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.32	105	6.00	12.3	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/25/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	186	92.8	200	3.32	
DRO >C10-C28*	207	10.0	08/25/2023	ND	186	93.0	200	6.39	
EXT DRO >C28-C36	80.1	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	70.3	48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 34 (H234585-34)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	2.13	107	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2023	ND	2.15	107	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.10	105	2.00	12.9	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.32	105	6.00	12.3	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/25/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	186	92.8	200	3.32	
DRO >C10-C28*	149	10.0	08/25/2023	ND	186	93.0	200	6.39	
EXT DRO >C28-C36	59.8	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	78.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 35 (H234585-35)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	2.13	107	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2023	ND	2.15	107	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.10	105	2.00	12.9	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.32	105	6.00	12.3	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/25/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	186	92.8	200	3.32	
DRO >C10-C28*	136	10.0	08/25/2023	ND	186	93.0	200	6.39	
EXT DRO >C28-C36	61.4	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	77.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 36 (H234585-36)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	2.13	107	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2023	ND	2.15	107	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.10	105	2.00	12.9	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.32	105	6.00	12.3	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/25/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	186	92.8	200	3.32	
DRO >C10-C28*	201	10.0	08/25/2023	ND	186	93.0	200	6.39	
EXT DRO >C28-C36	81.7	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	66.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 37 (H234585-37)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	2.13	107	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2023	ND	2.15	107	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.10	105	2.00	12.9	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.32	105	6.00	12.3	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/25/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	186	92.8	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	186	93.0	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	79.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.6	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 38 (H234585-38)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	2.13	107	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2023	ND	2.15	107	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.10	105	2.00	12.9	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.32	105	6.00	12.3	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/25/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	186	92.8	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	186	93.0	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	81.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.4	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 39 (H234585-39)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	2.13	107	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2023	ND	2.15	107	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.10	105	2.00	12.9	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.32	105	6.00	12.3	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/25/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	186	92.8	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	186	93.0	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	78.9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.7	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 40 (H234585-40)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	2.13	107	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2023	ND	2.15	107	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.10	105	2.00	12.9	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.32	105	6.00	12.3	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/25/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	186	92.8	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	186	93.0	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	74.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 41 (H234585-41)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	2.13	107	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2023	ND	2.15	107	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.10	105	2.00	12.9	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.32	105	6.00	12.3	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/25/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	186	92.8	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	186	93.0	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	87.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.1	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 42 (H234585-42)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	2.13	107	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2023	ND	2.15	107	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.10	105	2.00	12.9	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.32	105	6.00	12.3	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	85.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/25/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	186	92.8	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	186	93.0	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	79.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.5	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 43 (H234585-43)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	2.13	107	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2023	ND	2.15	107	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.10	105	2.00	12.9	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.32	105	6.00	12.3	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/25/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	186	92.8	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	186	93.0	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	77.6	48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.6	49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 44 (H234585-44)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	2.13	107	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2023	ND	2.15	107	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.10	105	2.00	12.9	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.32	105	6.00	12.3	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	186	92.8	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	186	93.0	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	67.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 45 (H234585-45)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2023	ND	2.13	107	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2023	ND	2.15	107	2.00	12.6	
Ethylbenzene*	<0.050	0.050	08/27/2023	ND	2.10	105	2.00	12.9	
Total Xylenes*	<0.150	0.150	08/27/2023	ND	6.32	105	6.00	12.3	
Total BTEX	<0.300	0.300	08/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	186	92.8	200	3.32	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	186	93.0	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 46 (H234585-46)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2023	ND	2.03	101	2.00	15.8	
Toluene*	<0.050	0.050	08/28/2023	ND	2.05	103	2.00	15.7	
Ethylbenzene*	<0.050	0.050	08/28/2023	ND	2.14	107	2.00	16.3	
Total Xylenes*	<0.150	0.150	08/28/2023	ND	6.42	107	6.00	16.1	
Total BTEX	<0.300	0.300	08/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	186	92.8	200	3.32	
DRO >C10-C28*	473	10.0	08/25/2023	ND	186	93.0	200	6.39	
EXT DRO >C28-C36	132	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	73.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 47 (H234585-47)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2023	ND	2.03	101	2.00	15.8	
Toluene*	<0.050	0.050	08/28/2023	ND	2.05	103	2.00	15.7	
Ethylbenzene*	<0.050	0.050	08/28/2023	ND	2.14	107	2.00	16.3	
Total Xylenes*	<0.150	0.150	08/28/2023	ND	6.42	107	6.00	16.1	
Total BTEX	<0.300	0.300	08/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	186	92.8	200	3.32	
DRO >C10-C28*	469	10.0	08/25/2023	ND	186	93.0	200	6.39	
EXT DRO >C28-C36	147	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	63.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.1	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 48 (H234585-48)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2023	ND	2.03	101	2.00	15.8	
Toluene*	<0.050	0.050	08/28/2023	ND	2.05	103	2.00	15.7	
Ethylbenzene*	<0.050	0.050	08/28/2023	ND	2.14	107	2.00	16.3	
Total Xylenes*	<0.150	0.150	08/28/2023	ND	6.42	107	6.00	16.1	
Total BTEX	<0.300	0.300	08/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	186	92.8	200	3.32	
DRO >C10-C28*	373	10.0	08/25/2023	ND	186	93.0	200	6.39	
EXT DRO >C28-C36	128	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	90.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 49 (H234585-49)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2023	ND	2.03	101	2.00	15.8	
Toluene*	<0.050	0.050	08/28/2023	ND	2.05	103	2.00	15.7	
Ethylbenzene*	<0.050	0.050	08/28/2023	ND	2.14	107	2.00	16.3	
Total Xylenes*	<0.150	0.150	08/28/2023	ND	6.42	107	6.00	16.1	
Total BTEX	<0.300	0.300	08/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	186	92.8	200	3.32	
DRO >C10-C28*	27.5	10.0	08/25/2023	ND	186	93.0	200	6.39	
EXT DRO >C28-C36	28.1	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	60.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 50 (H234585-50)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2023	ND	2.03	101	2.00	15.8	
Toluene*	<0.050	0.050	08/28/2023	ND	2.05	103	2.00	15.7	
Ethylbenzene*	<0.050	0.050	08/28/2023	ND	2.14	107	2.00	16.3	
Total Xylenes*	<0.150	0.150	08/28/2023	ND	6.42	107	6.00	16.1	
Total BTEX	<0.300	0.300	08/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	186	92.8	200	3.32	
DRO >C10-C28*	27.2	10.0	08/25/2023	ND	186	93.0	200	6.39	
EXT DRO >C28-C36	31.1	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	67.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 51 (H234585-51)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2023	ND	2.03	101	2.00	15.8	
Toluene*	<0.050	0.050	08/28/2023	ND	2.05	103	2.00	15.7	
Ethylbenzene*	<0.050	0.050	08/28/2023	ND	2.14	107	2.00	16.3	
Total Xylenes*	<0.150	0.150	08/28/2023	ND	6.42	107	6.00	16.1	
Total BTEX	<0.300	0.300	08/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	186	92.8	200	3.32	
DRO >C10-C28*	31.3	10.0	08/25/2023	ND	186	93.0	200	6.39	
EXT DRO >C28-C36	15.9	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	67.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CS 52 (H234585-52)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2023	ND	2.03	101	2.00	15.8	
Toluene*	<0.050	0.050	08/28/2023	ND	2.05	103	2.00	15.7	
Ethylbenzene*	<0.050	0.050	08/28/2023	ND	2.14	107	2.00	16.3	
Total Xylenes*	<0.150	0.150	08/28/2023	ND	6.42	107	6.00	16.1	
Total BTEX	<0.300	0.300	08/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	186	92.8	200	3.32	
DRO >C10-C28*	62.6	10.0	08/25/2023	ND	186	93.0	200	6.39	
EXT DRO >C28-C36	26.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	67.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CSW 1 (H234585-53)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2023	ND	2.03	101	2.00	15.8	
Toluene*	<0.050	0.050	08/28/2023	ND	2.05	103	2.00	15.7	
Ethylbenzene*	<0.050	0.050	08/28/2023	ND	2.14	107	2.00	16.3	
Total Xylenes*	<0.150	0.150	08/28/2023	ND	6.42	107	6.00	16.1	
Total BTEX	<0.300	0.300	08/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.3	200	5.92	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	190	95.2	200	6.91	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	78.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CSW 2 (H234585-54)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2023	ND	2.03	101	2.00	15.8	
Toluene*	<0.050	0.050	08/28/2023	ND	2.05	103	2.00	15.7	
Ethylbenzene*	<0.050	0.050	08/28/2023	ND	2.14	107	2.00	16.3	
Total Xylenes*	<0.150	0.150	08/28/2023	ND	6.42	107	6.00	16.1	
Total BTEX	<0.300	0.300	08/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.3	200	5.92	
DRO >C10-C28*	22.1	10.0	08/25/2023	ND	190	95.2	200	6.91	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	85.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CSW 3 (H234585-55)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2023	ND	2.03	101	2.00	15.8	
Toluene*	<0.050	0.050	08/28/2023	ND	2.05	103	2.00	15.7	
Ethylbenzene*	<0.050	0.050	08/28/2023	ND	2.14	107	2.00	16.3	
Total Xylenes*	<0.150	0.150	08/28/2023	ND	6.42	107	6.00	16.1	
Total BTEX	<0.300	0.300	08/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.3	200	5.92	
DRO >C10-C28*	51.7	10.0	08/25/2023	ND	190	95.2	200	6.91	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	87.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CSW 4 (H234585-56)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2023	ND	2.03	101	2.00	15.8	
Toluene*	<0.050	0.050	08/28/2023	ND	2.05	103	2.00	15.7	
Ethylbenzene*	<0.050	0.050	08/28/2023	ND	2.14	107	2.00	16.3	
Total Xylenes*	<0.150	0.150	08/28/2023	ND	6.42	107	6.00	16.1	
Total BTEX	<0.300	0.300	08/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.3	200	5.92	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	190	95.2	200	6.91	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	78.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CSW 5 (H234585-57)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2023	ND	2.03	101	2.00	15.8	
Toluene*	<0.050	0.050	08/28/2023	ND	2.05	103	2.00	15.7	
Ethylbenzene*	<0.050	0.050	08/28/2023	ND	2.14	107	2.00	16.3	
Total Xylenes*	<0.150	0.150	08/28/2023	ND	6.42	107	6.00	16.1	
Total BTEX	<0.300	0.300	08/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.3	200	5.92	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	190	95.2	200	6.91	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	83.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.7	% 49.1-14	8						

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		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CSW 6 (H234585-58)

BTEX 8021B	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2023	ND	2.03	101	2.00	15.8	
Toluene*	<0.050	0.050	08/28/2023	ND	2.05	103	2.00	15.7	
Ethylbenzene*	<0.050	0.050	08/28/2023	ND	2.14	107	2.00	16.3	
Total Xylenes*	<0.150	0.150	08/28/2023	ND	6.42	107	6.00	16.1	
Total BTEX	<0.300	0.300	08/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	28.6	10.0	08/25/2023	ND	179	89.3	200	5.92	
DRO >C10-C28*	1860	10.0	08/25/2023	ND	190	95.2	200	6.91	
EXT DRO >C28-C36	387	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	96.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CSW 7 (H234585-59)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2023	ND	2.03	101	2.00	15.8	
Toluene*	<0.050	0.050	08/28/2023	ND	2.05	103	2.00	15.7	
Ethylbenzene*	<0.050	0.050	08/28/2023	ND	2.14	107	2.00	16.3	
Total Xylenes*	<0.150	0.150	08/28/2023	ND	6.42	107	6.00	16.1	
Total BTEX	<0.300	0.300	08/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.3	200	5.92	
DRO >C10-C28*	13.8	10.0	08/25/2023	ND	190	95.2	200	6.91	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	88.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CSW 8 (H234585-60)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2023	ND	2.03	101	2.00	15.8	
Toluene*	0.050	0.050	08/28/2023	ND	2.05	103	2.00	15.7	
Ethylbenzene*	0.681	0.050	08/28/2023	ND	2.14	107	2.00	16.3	
Total Xylenes*	3.11	0.150	08/28/2023	ND	6.42	107	6.00	16.1	
Total BTEX	3.84	0.300	08/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	157	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	219	10.0	08/25/2023	ND	179	89.3	200	5.92	
DRO >C10-C28*	3100	10.0	08/25/2023	ND	190	95.2	200	6.91	
EXT DRO >C28-C36	612	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	116 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CSW 9 (H234585-61)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2023	ND	2.03	101	2.00	15.8	
Toluene*	<0.050	0.050	08/28/2023	ND	2.05	103	2.00	15.7	
Ethylbenzene*	<0.050	0.050	08/28/2023	ND	2.14	107	2.00	16.3	
Total Xylenes*	<0.150	0.150	08/28/2023	ND	6.42	107	6.00	16.1	
Total BTEX	<0.300	0.300	08/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.3	200	5.92	
DRO >C10-C28*	213	10.0	08/25/2023	ND	190	95.2	200	6.91	
EXT DRO >C28-C36	69.1	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	77.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CSW 10 (H234585-62)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2023	ND	2.00	100	2.00	6.56	
Toluene*	<0.050	0.050	08/29/2023	ND	2.04	102	2.00	9.16	
Ethylbenzene*	0.156	0.050	08/29/2023	ND	2.10	105	2.00	7.57	
Total Xylenes*	1.07	0.150	08/29/2023	ND	6.32	105	6.00	6.38	
Total BTEX	1.22	0.300	08/29/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1260	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	87.3	10.0	08/25/2023	ND	179	89.3	200	5.92	
DRO >C10-C28*	2490	10.0	08/25/2023	ND	190	95.2	200	6.91	
EXT DRO >C28-C36	523	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CSW 11 (H234585-63)

BTEX 8021B	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2023	ND	2.00	100	2.00	6.56	
Toluene*	<0.050	0.050	08/29/2023	ND	2.04	102	2.00	9.16	
Ethylbenzene*	<0.050	0.050	08/29/2023	ND	2.10	105	2.00	7.57	
Total Xylenes*	<0.150	0.150	08/29/2023	ND	6.32	105	6.00	6.38	
Total BTEX	<0.300	0.300	08/29/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.3	200	5.92	
DRO >C10-C28*	33.3	10.0	08/25/2023	ND	190	95.2	200	6.91	
EXT DRO >C28-C36	16.4	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	72.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CSW 12 (H234585-64)

BTEX 8021B	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2023	ND	2.00	100	2.00	6.56	
Toluene*	<0.050	0.050	08/29/2023	ND	2.04	102	2.00	9.16	
Ethylbenzene*	<0.050	0.050	08/29/2023	ND	2.10	105	2.00	7.57	
Total Xylenes*	<0.150	0.150	08/29/2023	ND	6.32	105	6.00	6.38	
Total BTEX	<0.300	0.300	08/29/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	08/25/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.3	200	5.92	
DRO >C10-C28*	80.4	10.0	08/25/2023	ND	190	95.2	200	6.91	
EXT DRO >C28-C36	34.7	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.0	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CSW 13 (H234585-65)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2023	ND	2.00	100	2.00	6.56	
Toluene*	<0.050	0.050	08/29/2023	ND	2.04	102	2.00	9.16	
Ethylbenzene*	<0.050	0.050	08/29/2023	ND	2.10	105	2.00	7.57	
Total Xylenes*	<0.150	0.150	08/29/2023	ND	6.32	105	6.00	6.38	
Total BTEX	<0.300	0.300	08/29/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/25/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.3	200	5.92	
DRO >C10-C28*	91.9	10.0	08/25/2023	ND	190	95.2	200	6.91	
EXT DRO >C28-C36	50.5	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	69.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CSW 14 (H234585-66)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.0	2.00	2.03	
Toluene*	<0.050	0.050	08/26/2023	ND	2.23	112	2.00	1.69	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.28	114	2.00	1.85	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.77	113	6.00	2.39	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	08/25/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.3	200	5.92	
DRO >C10-C28*	124	10.0	08/25/2023	ND	190	95.2	200	6.91	
EXT DRO >C28-C36	54.3	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	66.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CSW 15 (H234585-67)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.0	2.00	2.03	
Toluene*	<0.050	0.050	08/26/2023	ND	2.23	112	2.00	1.69	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.28	114	2.00	1.85	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.77	113	6.00	2.39	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	08/25/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.3	200	5.92	
DRO >C10-C28*	213	10.0	08/25/2023	ND	190	95.2	200	6.91	
EXT DRO >C28-C36	95.4	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	66.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CSW 16 (H234585-68)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.0	2.00	2.03	
Toluene*	<0.050	0.050	08/26/2023	ND	2.23	112	2.00	1.69	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.28	114	2.00	1.85	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.77	113	6.00	2.39	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/25/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.3	200	5.92	
DRO >C10-C28*	178	10.0	08/25/2023	ND	190	95.2	200	6.91	
EXT DRO >C28-C36	73.9	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	75.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CSW 17 (H234585-69)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.0	2.00	2.03	
Toluene*	<0.050	0.050	08/26/2023	ND	2.23	112	2.00	1.69	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.28	114	2.00	1.85	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.77	113	6.00	2.39	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/25/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.3	200	5.92	
DRO >C10-C28*	176	10.0	08/25/2023	ND	190	95.2	200	6.91	
EXT DRO >C28-C36	116	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	83.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CSW 18 (H234585-70)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.0	2.00	2.03	
Toluene*	<0.050	0.050	08/26/2023	ND	2.23	112	2.00	1.69	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.28	114	2.00	1.85	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.77	113	6.00	2.39	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/25/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.3	200	5.92	
DRO >C10-C28*	160	10.0	08/25/2023	ND	190	95.2	200	6.91	
EXT DRO >C28-C36	104	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	82.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.0	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CSW 19 (H234585-71)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.0	2.00	2.03	
Toluene*	<0.050	0.050	08/26/2023	ND	2.23	112	2.00	1.69	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.28	114	2.00	1.85	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.77	113	6.00	2.39	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/25/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.3	200	5.92	
DRO >C10-C28*	117	10.0	08/25/2023	ND	190	95.2	200	6.91	
EXT DRO >C28-C36	66.2	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	77.5	48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.2	49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CSW 20 (H234585-72)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.0	2.00	2.03	
Toluene*	<0.050	0.050	08/26/2023	ND	2.23	112	2.00	1.69	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.28	114	2.00	1.85	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.77	113	6.00	2.39	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/25/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.3	200	5.92	
DRO >C10-C28*	809	10.0	08/25/2023	ND	190	95.2	200	6.91	
EXT DRO >C28-C36	474	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	73.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CSW 21 (H234585-73)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.0	2.00	2.03	
Toluene*	<0.050	0.050	08/26/2023	ND	2.23	112	2.00	1.69	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.28	114	2.00	1.85	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.77	113	6.00	2.39	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/25/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	176	88.1	200	0.360	
DRO >C10-C28*	86.2	10.0	08/25/2023	ND	190	94.8	200	9.38	
EXT DRO >C28-C36	40.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	78.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CSW 22 (H234585-74)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.0	2.00	2.03	
Toluene*	<0.050	0.050	08/26/2023	ND	2.23	112	2.00	1.69	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.28	114	2.00	1.85	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.77	113	6.00	2.39	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/25/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	176	88.1	200	0.360	
DRO >C10-C28*	91.0	10.0	08/25/2023	ND	190	94.8	200	9.38	
EXT DRO >C28-C36	47.2	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	84.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	6 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CSW 23 (H234585-75)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.0	2.00	2.03	
Toluene*	<0.050	0.050	08/26/2023	ND	2.23	112	2.00	1.69	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.28	114	2.00	1.85	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.77	113	6.00	2.39	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/25/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	176	88.1	200	0.360	
DRO >C10-C28*	94.9	10.0	08/25/2023	ND	190	94.8	200	9.38	
EXT DRO >C28-C36	42.0	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	82.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	08/23/2023		Sampling Date:	08/22/2023
Reported:	08/29/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN			

Sample ID: CSW 24 (H234585-76)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	1.94	97.0	2.00	2.03	
Toluene*	<0.050	0.050	08/26/2023	ND	2.23	112	2.00	1.69	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.28	114	2.00	1.85	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.77	113	6.00	2.39	
Total BTEX	<0.300	0.300	08/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/25/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	176	88.1	200	0.360	
DRO >C10-C28*	94.8	10.0	08/25/2023	ND	190	94.8	200	9.38	
EXT DRO >C28-C36	64.4	10.0	08/25/2023	ND					
Surrogate: 1-Chlorooctane	81.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04	The RPD for the BS/BSD was outside of historical limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

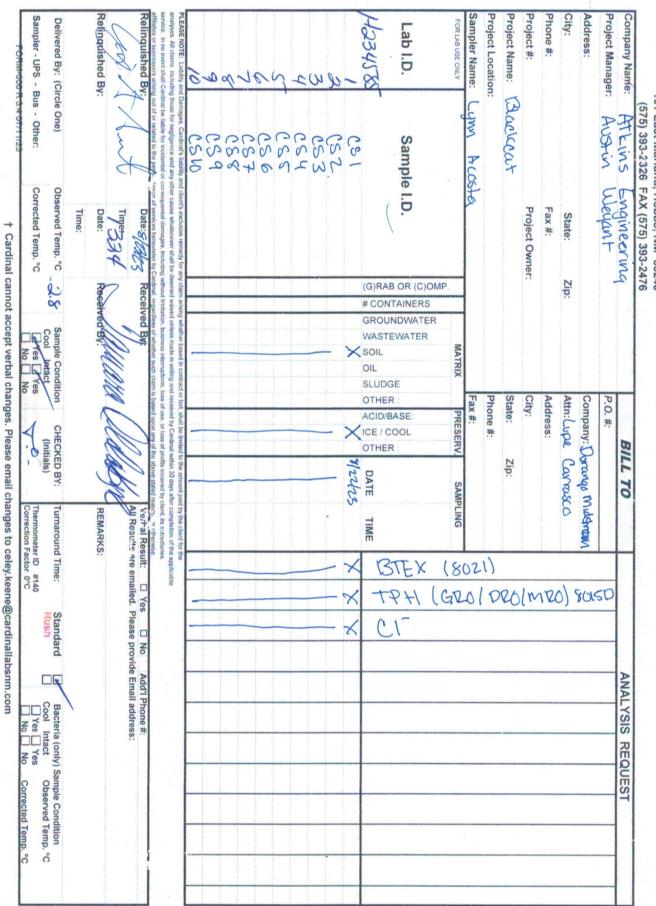
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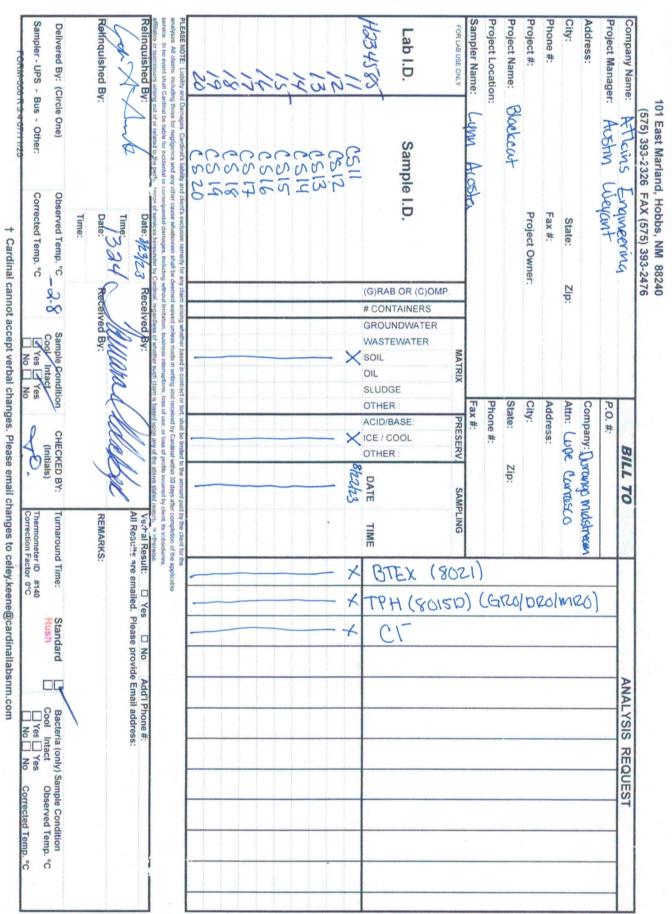
Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

101 East Marland, Hobbs, NM 88240



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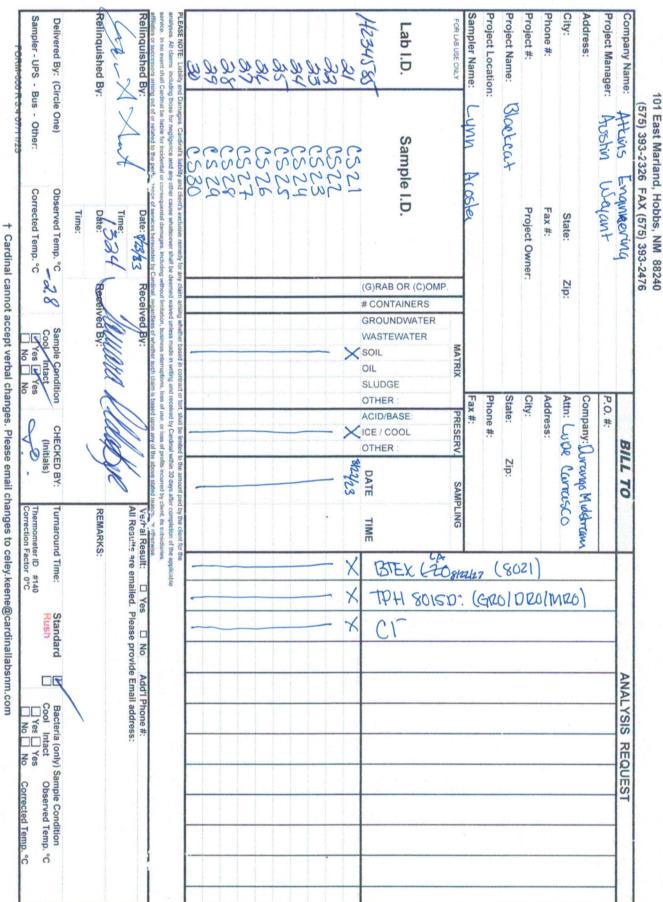


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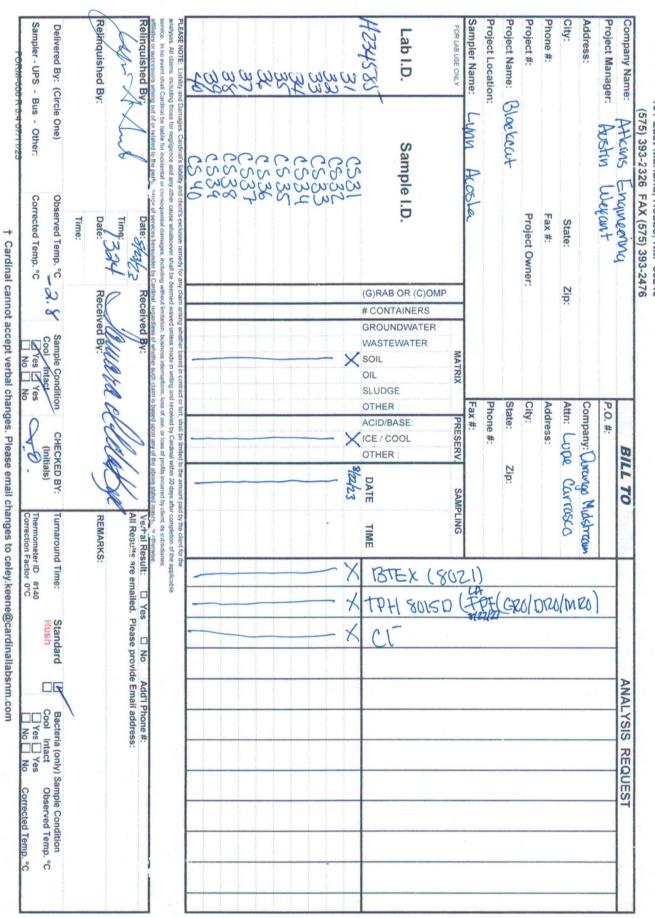


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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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abo, "atories 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Received by OCD: 10/3/2023 10:35:19 AM

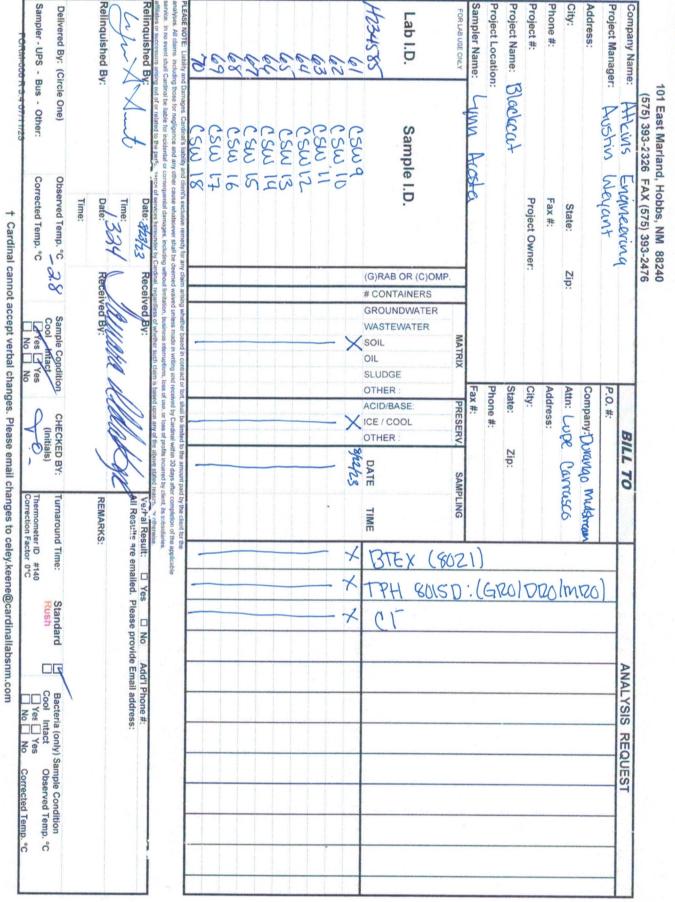
Company Name: AHCLINS Project Manager: AuShiv Address: City:	Attains Engineering Austin Weyan t State: Zip:	P.O. #: Company: Durange Attn: LUDR Caril	hrau	ANALYSIS REQUEST
City:		Attn: Lupe curre		
Phone #:	Fax #:	Address:		
Project #:	Project Owner:	City:	20	
Project Name: Blackcat		State: Zip:	סו	
Project Location:		#:	120	
Sampler Name: LUMN	1 Acosta	Fax #:	And and a state of the second	
		MATRIX PRESERV. SAMPLING	02	
Lab I.D. S;	(G)RAB OR (C)OMP	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	BTEX (80 TPH 8015 CIT	
		8 ×	X X X	
	(552 (552		-	
SX SS	2 ms			
	SW3			
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and Darmages. Ca ding those for negl Cardinal be liable	client's exclusive rem er cause whatsoever sequental damages.	arising whether based in contract or tort, shall be limited to the waived unless made in writing and received by Cardinal writin limitation, business interruptions, loss of use, or loss of profits in	amount paid by the client for the 30 days after completion of the applicable nourred by client, its subsidiaries.	
Relinquished By:	Time: 324 Date: 3232 Date: 3234	ed whether such claim is based upon any of the above stated in 1911 By: 1 By:	REMARKS:	Add'l Phone #: e Email address:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Time: Observed Temp. °C Ar: Corrected Temp. °C	Sample Condition CHECKED BY: Cool Infact (Initials)	Turnaround Time: Standard Thermometer ID #140 Correction Factor 0°C	Bacteria (only) Sample Condition

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

. Released to Imaging: 11/30/2023 10:25:26 AM



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101 East Maria (575) 393-23 Project Manager: AUSHIM Address: City: Phone #: Project Name: BlockCock Project Name: CUMM	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 : AtLins Engineering : AtLins Engineering : AtLins Engineering State: Zij Fax #: Project Owner: : Cunn Accota	18240 2476 2476 P.O. #: P.O. #: Company: Ourowago Mudshraw Attn: Cupe Carrosco Address: rer: rer: Fax #: BILL TO P.O. #: Company: Ourowago Mudshraw State: Zip: Fax #:		
FOR LAB U.E. ONLY Lab I.D. Sami 1/234/585 7/22 7/2 7/2 7/2 7/2 7/2 7/2 2/4 (SU 7/2 2/4 (SU 7/2 2/4 (SU 7/2 2/4 (SU 2/4 (SU	Sample I.D. CSW 19 CSW 20 CSW 21 CSW 21 CSW 22	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER ✓ SOIL OIL SLUDGE OTHER : ACID/BASE: PRESERV YICE / COOL OTHER : YICE / COOL OTHER : SAM	An and a start and a start a st	MATTER (8021)
626	SW 23 SW 24			
analyses All claims including those for negligence and any oth service. In no event shall Cardnai be liable for incidental or co- affiliates or successors arising out of or related to the perfer two Relinquished By: Relinquished By:	tor negligence and any other cause whatsoever shall be be liable for incidental or consequential damages, including for reliable to the perfs, "second services herewarder by Date; #27/23 Time; 30/4	The end waved unless made in writing and received by Cardinal within 30 da writional immation, business interruptions, less of use, or roses of profits incurr antinal, regardless of whether such claim is based upon any of the above size Received By:	All	s after comption of the applicable det poient its subsidiaries, and reach, verthemise Ver/rail Result: □ Yes □ No Add'I Phone #: All Results are emailed. Please provide Email address:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Time: Observed Temp. °C		Turn	Turnaround Time: Standard Thermometer ID #140 Correction Factor 0°C



September 13, 2023

AUSTIN WEYANT

ATKINS ENGINEERING

2904 W. 2ND STREET

ROSWELL, NM 88203

RE: BLACKCAT

Enclosed are the results of analyses for samples received by the laboratory on 09/07/23 14:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	09/07/2023		Sampling Date:	09/06/2023
Reported:	09/13/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: CS 1 (H234855-01)

TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	207	104	200	3.57	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	206	103	200	0.00339	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	79.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.0	% 49.1-14	8						

Sample ID: CS 3 (H234855-02)

TPH 8015M	mg/l	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	207	104	200	3.57	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	206	103	200	0.00339	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	76.3 %	48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.0%	49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	09/07/2023		Sampling Date:	09/06/2023
Reported:	09/13/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: CS 8 (H234855-03)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/08/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	207	104	200	3.57	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	206	103	200	0.00339	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	80.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.6	% 49.1-14	8						

Sample ID: CS 9 (H234855-04)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/13/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	207	104	200	3.57	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	206	103	200	0.00339	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	93.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	09/07/2023		Sampling Date:	09/06/2023
Reported:	09/13/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: CS 10 (H234855-05)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/13/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	207	104	200	3.57	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	206	103	200	0.00339	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	90.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.7	% 49.1-14	8						

Sample ID: CS 11 (H234855-06)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/13/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	207	104	200	3.57	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	206	103	200	0.00339	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	81.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	09/07/2023		Sampling Date:	09/06/2023
Reported:	09/13/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: CS 12 (H234855-07)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/13/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	207	104	200	3.57	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	206	103	200	0.00339	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	79.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.9	% 49.1-14	8						

Sample ID: CS 13 (H234855-08)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/13/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	207	104	200	3.57	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	206	103	200	0.00339	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	81.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.2	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	09/07/2023		Sampling Date:	09/06/2023
Reported:	09/13/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: CS 14 (H234855-09)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/08/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	207	104	200	3.57	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	206	103	200	0.00339	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	95.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

Sample ID: CS 15 (H234855-10)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	217	108	200	4.05	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	213	106	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	85.7 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.2 9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	09/07/2023		Sampling Date:	09/06/2023
Reported:	09/13/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: CS 16 (H234855-11)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	217	108	200	4.05	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	213	106	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	95.2 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 %	49.1-14	8						

Sample ID: CS 17 (H234855-12)

TPH 8015M	mg/l	mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	217	108	200	4.05	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	213	106	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	92.4 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 %	<i>6 49.1-14</i>	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	09/07/2023		Sampling Date:	09/06/2023
Reported:	09/13/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: CS 18 (H234855-13)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	217	108	200	4.05	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	213	106	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	93.7 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 %	6 49.1-14	8						

Sample ID: CS 19 (H234855-14)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	217	108	200	4.05	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	213	106	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	92.3 %	48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 %	6 49.1-14	8						

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		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	09/07/2023		Sampling Date:	09/06/2023
Reported:	09/13/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: CS 20 (H234855-15)

TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	217	108	200	4.05	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	213	106	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	88.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.2	% 49.1-14	8						

Sample ID: CS 21 (H234855-16)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	217	108	200	4.05	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	213	106	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	90.8 %	48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.3 %	49.1-14	8						

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Received:	09/07/2023		Sampling Date:	09/06/2023
Reported:	09/13/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: CS 22 (H234855-17)

TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	217	108	200	4.05	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	213	106	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	71.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.9	% 49.1-14	8						

Sample ID: CS 23 (H234855-18)

PH 8015M	mg/	mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	217	108	200	4.05	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	213	106	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	75.4 %	48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.6 %	49.1-14	8						

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Received:	09/07/2023		Sampling Date:	09/06/2023
Reported:	09/13/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: CS 24 (H234855-19)

TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	217	108	200	4.05	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	213	106	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	94.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

Sample ID: CS 25 (H234855-20)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	217	108	200	4.05	
DRO >C10-C28*	65.4	10.0	09/08/2023	ND	213	106	200	8.10	
EXT DRO >C28-C36	10.4	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	89.8 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.9%	6 49.1-14	8						

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Received:	09/07/2023		Sampling Date:	09/06/2023
Reported:	09/13/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: CS 26 (H234855-21)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	217	108	200	4.05	
DRO >C10-C28*	82.8	10.0	09/08/2023	ND	213	106	200	8.10	
EXT DRO >C28-C36	16.3	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	83.8 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.9%	6 49.1-14	8						

Sample ID: CS 27 (H234855-22)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	217	108	200	4.05	
DRO >C10-C28*	76.8	10.0	09/08/2023	ND	213	106	200	8.10	
EXT DRO >C28-C36	16.6	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	91.8 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.7 %	6 49.1-14	8						

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Received:	09/07/2023		Sampling Date:	09/06/2023
Reported:	09/13/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: CS 28 (H234855-23)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	217	108	200	4.05	
DRO >C10-C28*	91.3	10.0	09/08/2023	ND	213	106	200	8.10	
EXT DRO >C28-C36	20.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	91.7 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.6%	6 49.1-14	8						

Sample ID: CS 29 (H234855-24)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	217	108	200	4.05	
DRO >C10-C28*	105	10.0	09/08/2023	ND	213	106	200	8.10	
EXT DRO >C28-C36	23.1	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	89.1 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.9%	6 49.1-14	8						

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		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	09/07/2023		Sampling Date:	09/06/2023
Reported:	09/13/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: CS 30 (H234855-25)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	217	108	200	4.05	
DRO >C10-C28*	105	10.0	09/08/2023	ND	213	106	200	8.10	
EXT DRO >C28-C36	23.9	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	91.4 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.8 %	6 49.1-14	8						

Sample ID: CS 31 (H234855-26)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	217	108	200	4.05	
DRO >C10-C28*	98.3	10.0	09/08/2023	ND	213	106	200	8.10	
EXT DRO >C28-C36	23.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	80.2 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.7 %	6 49.1-14	8						

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		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	09/07/2023		Sampling Date:	09/06/2023
Reported:	09/13/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: CS 32 (H234855-27)

TPH 8015M	mg/k	(g	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	217	108	200	4.05	
DRO >C10-C28*	111	10.0	09/08/2023	ND	213	106	200	8.10	
EXT DRO >C28-C36	26.5	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	78.6 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.9 %	6 49.1-14	8						

Sample ID: CS 33 (H234855-28)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	217	108	200	4.05	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	213	106	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	90.9 %	48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.3 %	% 49.1-14	8						

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		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	09/07/2023		Sampling Date:	09/06/2023
Reported:	09/13/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: CS 34 (H234855-29)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	217	108	200	4.05	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	213	106	200	8.10	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	93.7 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 %	6 49.1-14	8						

Sample ID: CS 35 (H234855-30)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	191	95.3	200	0.420	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	200	100	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	62.1 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	61.3 9	% 49.1-14	8						

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		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	09/07/2023		Sampling Date:	09/06/2023
Reported:	09/13/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: CS 36 (H234855-31)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	191	95.3	200	0.420	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	200	100	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	71.8 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.2 9	% 49.1-14	8						

Sample ID: CS 46 (H234855-32)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	191	95.3	200	0.420	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	200	100	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	70.2 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.9 9	49.1-14	8						

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Received:	09/07/2023		Sampling Date:	09/06/2023
Reported:	09/13/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: CS 47 (H234855-33)

Chloride, SM4500Cl-B	mg/kg		Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/08/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	191	95.3	200	0.420	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	200	100	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	63.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	62.8	% 49.1-14	8						

Sample ID: CS 48 (H234855-34)

Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/08/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	191	95.3	200	0.420	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	200	100	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	55.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	57.2	% 49.1-14	8						

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Received:	09/07/2023		Sampling Date:	09/06/2023
Reported:	09/13/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: SW 6 (H234855-35)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/08/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	191	95.3	200	0.420	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	200	100	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	58.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	59.2	% 49.1-14	8						

Sample ID: SW 8 (H234855-36)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/08/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	191	95.3	200	0.420	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	200	100	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	57.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	57.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	09/07/2023		Sampling Date:	09/06/2023
Reported:	09/13/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: SW 9 (H234855-37)

TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	191	95.3	200	0.420	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	200	100	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	67.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.5	% 49.1-14	8						

Sample ID: SW 10 (H234855-38)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/08/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	191	95.3	200	0.420	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	200	100	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	54.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	53.7	% 49.1-14	8						

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Received:	09/07/2023		Sampling Date:	09/06/2023
Reported:	09/13/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: SW 12 (H234855-39)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	191	95.3	200	0.420	
DRO >C10-C28*	63.1	10.0	09/08/2023	ND	200	100	200	1.42	
EXT DRO >C28-C36	14.2	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	56.1 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	58.4%	6 49.1-14	8						

Sample ID: SW 13 (H234855-40)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	191	95.3	200	0.420	
DRO >C10-C28*	32.1	10.0	09/08/2023	ND	200	100	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	61.0 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	61.2 %	6 49.1-14	8						

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		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	09/07/2023		Sampling Date:	09/06/2023
Reported:	09/13/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: SW 14 (H234855-41)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2023	ND	191	95.3	200	0.420	
DRO >C10-C28*	<10.0	10.0	09/09/2023	ND	200	100	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/09/2023	ND					
Surrogate: 1-Chlorooctane	72.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.1	% 49.1-14	8						

Sample ID: SW 15 (H234855-42)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2023	ND	191	95.3	200	0.420	
DRO >C10-C28*	<10.0	10.0	09/09/2023	ND	200	100	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/09/2023	ND					
Surrogate: 1-Chlorooctane	98.1 %	48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 %	6 49.1-14	8						

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		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	09/07/2023		Sampling Date:	09/06/2023
Reported:	09/13/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: SW 16 (H234855-43)

TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	191	95.3	200	0.420	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	200	100	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	62.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	64.2	% 49.1-14	8						

Sample ID: SW 17 (H234855-44)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	191	95.3	200	0.420	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	200	100	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	64.4 %	48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.6 %	49.1-14	8						

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		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	09/07/2023		Sampling Date:	09/06/2023
Reported:	09/13/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: SW 18 (H234855-45)

TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	191	95.3	200	0.420	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	200	100	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	59.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	61.4	% 49.1-14	8						

Sample ID: SW 19 (H234855-46)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	191	95.3	200	0.420	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	200	100	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	63.2 %	48.2-13	4						
Surrogate: 1-Chlorooctadecane	62.1 %	49.1-14	8						

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		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	09/07/2023		Sampling Date:	09/06/2023
Reported:	09/13/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: SW 20 (H234855-47)

TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	191	95.3	200	0.420	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	200	100	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	63.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.0	% 49.1-14	8						

Sample ID: SW 21 (H234855-48)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	191	95.3	200	0.420	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	200	100	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	57.79	48.2-13	4						
Surrogate: 1-Chlorooctadecane	57.7 9	49.1-14	8						

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		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	09/07/2023		Sampling Date:	09/06/2023
Reported:	09/13/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: SW 22 (H234855-49)

TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2023	ND	191	95.3	200	0.420	
DRO >C10-C28*	<10.0	10.0	09/09/2023	ND	200	100	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	09/09/2023	ND					
Surrogate: 1-Chlorooctane	113 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124 9	% 49.1-14	8						

Sample ID: SW 23 (H234855-50)

TPH 8015M	mg/l	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	203	101	200	4.06	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	227	114	200	4.04	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	91.0 %	48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 %	6 49.1-14	8						

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Received:	09/07/2023		Sampling Date:	09/06/2023
Reported:	09/13/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: SW 24 (H234855-51)

TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2023	ND	221	110	200	5.06	
DRO >C10-C28*	<10.0	10.0	09/08/2023	ND	233	116	200	6.64	
EXT DRO >C28-C36	<10.0	10.0	09/08/2023	ND					
Surrogate: 1-Chlorooctane	78.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.2	% 49.1-14	8						

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Notes and Definitions

S-05	The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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101-East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Refinduished By Sampler - UPS - Bus - Other: Relinguished By PLEASE NOTE: LI Delivered By: (Circle One) H234855 Sampler Name: Project Location Project Name: Project #: City: Project Manager: Phone #: Address: Company Name: FOR LAB USE ONLY ice. In no event shall Cardinal be liable for incide Lab I.D. ies. All claims Dilly C Don 26 t cub Blackcart CUMM ATKINS (575) 393-2326 FAX (575) 393-2476 Aushin CS 15 CS W igence and any other CS 13 CS12 Sample I.D CSH to the perfor C 5 10 059 CS 8 05 S HUBHEN Weyant S 1-ngunerung Corrected Temp. °C Observed Temp. °C -0.02 Time: 1430 Time: Date: Date: 4/23 + Fax #: Project Owner: State: Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com Received By Received By: (G)RAB OR (C)OMP Zip # CONTAINERS GROUNDWATER Cool Intact Yes Yes Sample Condition WASTEWATER made in writing and received by Cardinal within 30 days after MATRIX SOIL OIL SLUDGE OTHER State: City: P.O. #: Phone #: Fax # Attn: Lupe Canasco Company: Durango mudsheeun Address ACID/BASE PRESERV CHECKED BY: KICE / COOL loss of profits incu (Initials) OTHER BILL TO 9/6/23 Zip: DATE red by client, its subsidiaries, SAMPLING Turnaround Time: Verbal Result: Ves No Add'I Phone #: All Results are emailed. Please provide Email address: Correction Factor None REMARKS: TIME tion of the applicable BTEK (8021) Hold 7 まる TDH(8015D) (GRO/DRO/MRO) ustoner 8 9/7/23 Standard Rush the CI added w 07 ANALYSIS Cool Intact Bacteria (only) Sample Condition Cool Intact Observed Temp. °C rug REQUEST tres Corrected Temp. °C Chaus fo 17/23

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101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: ATLins	s Engineering		BILL TO			ANALYSIS R	REOUEST	
Project Manager: Austin	_		P.O. #:		_			-
Address:	c		Company: Warks Mudshraws	udshrawn X				
City:	State:	Zip:	Attn: Lupe Currusco		¥			
Phone #:	Fax #:		Address:	,				
Project #:	Project Owner:	er:	City:	'd	9		-	
Project Name: Buckcut			State: Zip:	ol	ee			
Project Location:			Phone #:	4	n			
Sampler Name:	Acusta		Fax #:	/	20			
		MATRIX	ESERV.	SAMPLING)) 2n			
Lab I.D. S:	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: CE / COOL OTHER : DATE	13TEY (802)	CIT - Re			
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analyses. All claims including these variations and using and clears exclusive temps for any diam arising whether based in contract or fort, 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 Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or 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 Cardinal, regardless of whether such claim is based upon any of the above schaevice.	Is insoliny and clients exclusive remedy for a e and any other cause whatsoever shall be cidental or consequental damages, includin the performance of services hereunder by it	Issee remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the cilent for the latsoever shall be deemed waived unless made in writing and received by Cardinal thin 01 days after completion of the a larnages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, es hretunder by Cardinal, regardless of whether such claim is based upon any of the above stated rescover contenvies.	r fort, shall be limited to the amount paid received by Cardinal within 30 days after ss of use, or loss of profits incurred by cl based upon any of the above stated rea	aid by the client for the fter completion of the applicable y client, its subsidiaries, reasons or otherwise	u			
A A A A		Sloollug)	Verbal Result: All Results are em	□ Yes □ No lailed. Please pro	Verbal Result: Verbal Result: Yes No Add'I Phone #: All Results are emailed. Please provide Email address:		
Kellyquished By:	Date: Time:	Received By:	0	REMARKS: X	Customer.	nor requested	Chans	es
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Received by OCD: 10/3/2023 10:35:19 AM

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Ves Yes

Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Relinquished By: Relinquished By: Sampler - UPS - Bus - Other: PLEASE NOTE: Liability Delivered By: (Circle One) H234855 City: Sampler Name: Project Location: Project Name: Project #: Phone #: Project Manager: Address: FOR LAB USE ONLY ice. In no Lab I.D . All claims including those 202 pe e) S te 8 2020 21 XX Buckert CHIMN AT Laius Aushin liable for incidental or co negligence and any othe CS 35 C583 0532 Sample I.D CS 31 6528 CS26 CS30 0524 Hush WELPMI Engineering Observed Temp. °C Corrected Temp. °C Time: 1430 Time: Date: 9/7/23 Date: Fax #: Project Owner: State: nall be de à Received By Received By: XN4D (G)RAB OR (C)OMP Zip 8 **# CONTAINERS** GROUNDWATER Sample Condition No No WASTEWATER MATRIX × SOIL writing and received by Cardinal within 30 days after OIL SLUDGE loss of use, or OTHER Phone #: State: City: P.O. #: Fax #: Address: Attn: Lupe Cuntusco Company: Uwony ACID/BASE PRESERV CHECKED BY: KICE / COOL loss of profits Unitials OTHER BILL TO Zip: DATE ed by client, its subsidiaries, SAMPLING Imograu-Turnaround Time: Correction Factor None 80 REMARKS: X Customer requestes All Results are emailed. Please provide Email address: Verbal Result: TIME ation of the applicable told BTEY (8021) × ¥ 80150) TPH × Yes Standard Rush CL × ON D Senore Add'l Phone #: ANALYSIS Ves Yes Cool Intact Bacteria (only) Sample Condition REQUEST Observed Temp. °C Handes

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Page 233 of 252

Company Name:

(575) 393-2326 FAX (575) 393-2476

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Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Address:	Company: Durman Mudsharia	
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Phone #: Fax #:	Address:	
Project #: Project Owner:	city:	
Project Name: Blackcart		i la i la i la i la i la i la i la i la
Project Location:	#	
FORTAR ISE ONLY	Fax #:)
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Lab I.D. Sample I.D.	(G)RAB OR (C) # CONTAINERS GROUNDWATE WASTEWATER SOIL OIL SLUDGE DTHER : CE / COOL DTHER : DATE	BTEX (S
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hose for negligence and any other nal be liable for incidental or conse out of or related to the performance	ns sowows rinney voi any vaini aisiig wintiirei vassa in contract of tori, shall be dientitad to the client cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 03 days after completion or quential damages, including without limitation, business interruptions, loss of uses of profis incurred by client, its subsit of services hereunder by Cardinal reparties of whother such claim is lossed upon each of the client subsit of services hereunder by Cardinal reparties of whother such claim is lossed upon each of the client subsit	for the ff the applicable frances,
Relinquished By: A A A A Date: 1/7/23	Concession of the local division of the loca	Result: Ves No Add'I Phone #:
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Contraction of the local distance of the loc	Cool Affact Cool Affact	ly) S
Sampler - UPS - Bus - Other: Corrected Temp. °C		Thermometer ID #448 #//400 Correction Factor Norte Set 9/7/2 Nc Nc Corrected Temp. °C

Received by OCD: 10/3/2023 10:35:19 AM

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

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Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	emp. °C	mp. °C - 0, 8	Rečeived By		Terrica hereunder by Cardinal, regardless of wh Date: 7/7/7/7 Received By	ive remedy for any claim arising whether based in contract or fort, sh tsoever shall be deemed waived unless made in writing and received									# CC	AB OR ONTAINE	ERS		1			Project Owner:		e: Zip:			Wy .	l, Hobbs, NM 88240 FAX (575) 393-2476	ries	
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 236 of 252

Received by OCD: 10/3/2023 10:35:19 AM



September 15, 2023

AUSTIN WEYANT

ATKINS ENGINEERING

2904 W. 2ND STREET

ROSWELL, NM 88203

RE: BLACKCAT

Enclosed are the results of analyses for samples received by the laboratory on 09/14/23 14:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Whe Singh

Mike Snyder For Celey D. Keene Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	09/14/2023		Sampling Date:	09/13/2023
Reported:	09/15/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: CS - 28 (H234964-01)

ТРН 8015М	mg,	′kg	Analyze	d By: MS					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2023	ND	201	101	200	1.47	
DRO >C10-C28*	<10.0	10.0	09/14/2023	ND	214	107	200	6.03	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					
Surrogate: 1-Chlorooctane	112 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane		% 49.1-14	8						

Sample ID: CS - 29 (H234964-02)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result Reporting Limit A		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2023	ND	201	101	200	1.47	
DRO >C10-C28*	<10.0	10.0	09/14/2023	ND	214	107	200	6.03	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					
Surrogate: 1-Chlorooctane 108 % 48.2-13-		4							
Surrogate: 1-Chlorooctadecane	115 %	6 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



	ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:			
Received:	09/14/2023		Sampling Date:	09/13/2023
Reported:	09/15/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: CS - 30 (H234964-03)

TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2023	ND	201	101	200	1.47	
DRO >C10-C28*	<10.0	10.0	09/14/2023	ND	214	107	200	6.03	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					
Surrogate: 1-Chlorooctane	94.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.9	% 49.1-14	8						

Sample ID: CS - 31 (H234964-04)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2023	ND	201	101	200	1.47	
DRO >C10-C28*	<10.0	10.0	09/14/2023	ND	214	107	200	6.03	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					
Surrogate: 1-Chlorooctane 104 % 48.2-13-		4							
Surrogate: 1-Chlorooctadecane	109 %	6 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



		ATKINS ENGINEERING AUSTIN WEYANT 2904 W. 2ND STREET ROSWELL NM, 88203 Fax To:		
Received:	09/14/2023		Sampling Date:	09/13/2023
Reported:	09/15/2023		Sampling Type:	Soil
Project Name:	BLACKCAT		Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN			

Sample ID: CS - 32 (H234964-05)

TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2023	ND	201	101	200	1.47	
DRO >C10-C28*	<10.0	<10.0 10.0		ND	214	107	200	6.03	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					
Surrogate: 1-Chlorooctane 108 % 4		% 48.2-13	4						
Surrogate: 1-Chlorooctadecane 114 % 49.1-148		8							

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Released to Imaging: 11/30/2023 10:25:26 AM

Re

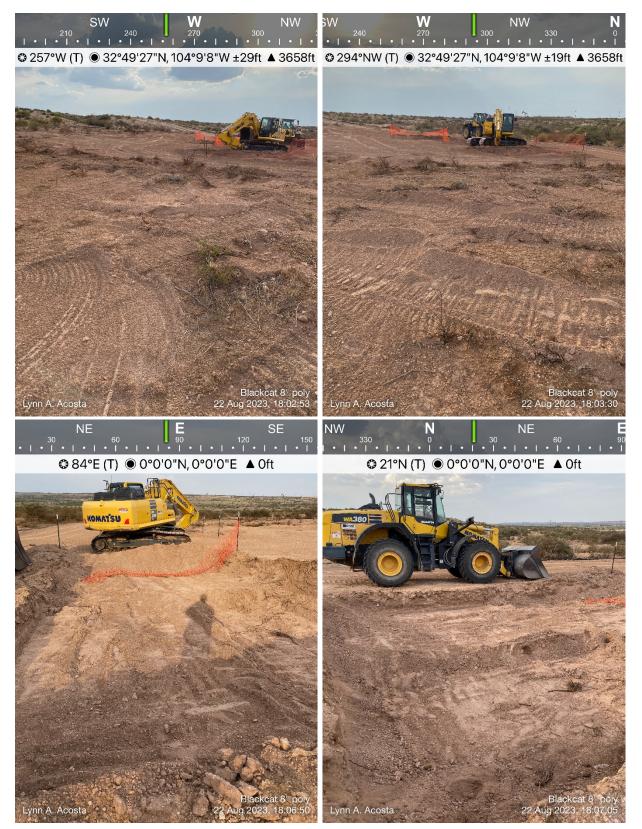
Delivered By: (Circle One) Sampler - UPS - Bus - Ot	D: 10/3/ Relieduished By:	T			S		رىل	2		Lab I.D.	FOR LAB USE ONLY	Sampler Name:	Project Location:	Project Name:	Project #:	Phone #:	City:	Address:	Project Manager:	Company Name:
One) Observed Temp. °CO, QZ - Other: Corrected Temp. °C	Date: Time:	A L Date: 1/14/2	gges. Cardinal's liability and client's exclusive remedy for a for negligence and any other cause whatsoever shall be the liable for incidental or consequental damages, includin lea liabted to the performance of services hereunder by y		05-32	(2-31	(5-30	CS-29	12-29	العاربة العامين العامين العام الع	(um Acaba		Backecar	Project Owner:	Fax #:	State:		Austrin Weylant	Attins Engineerium
Sample Condition Cool Intact Yes Yes	Received By:	Received By:	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arking whether based in contract or fort, shall be limited to the amount paid by the client if the nanayses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unserned and in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incuirined by client, its subsidiaries, artifiates or successors arking out of or related to the performance of services hereunder by Cardinal, regardines of whether such claim is based upon any of the above stated reasons or otherwise.						~	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE:	MATRIX	Fax	Phone #:	State:	r: City:	Address	Zip: Attn: Lupe	Compa	P.O. #:	
CHECKED BY: Turnaround Time: Sta (Initials) Thermometer ID #100 Rus Correction Factor Mone OL	REMARKS: C	All Results are	be limited to the amount paid by the client for the (cardinal within 30 days after completion of the applical or loss of profits incurred by client, its subsidies, an any of the above stated reasons or otherwise.						9/13/23 ×	TPH 8015	PRESERV. SAMPLING			Zip:	DE		COLUMN STORE	Company: Drango widthcan		BILL TO
the the sh	mail: Lynn Bathans.com	□ Yes □ No Add'l Phone #: emailed. Please provide Email address:	bie .																	ANALYSIS RE
Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Ves Yes	· · · · ·															1				REQUEST

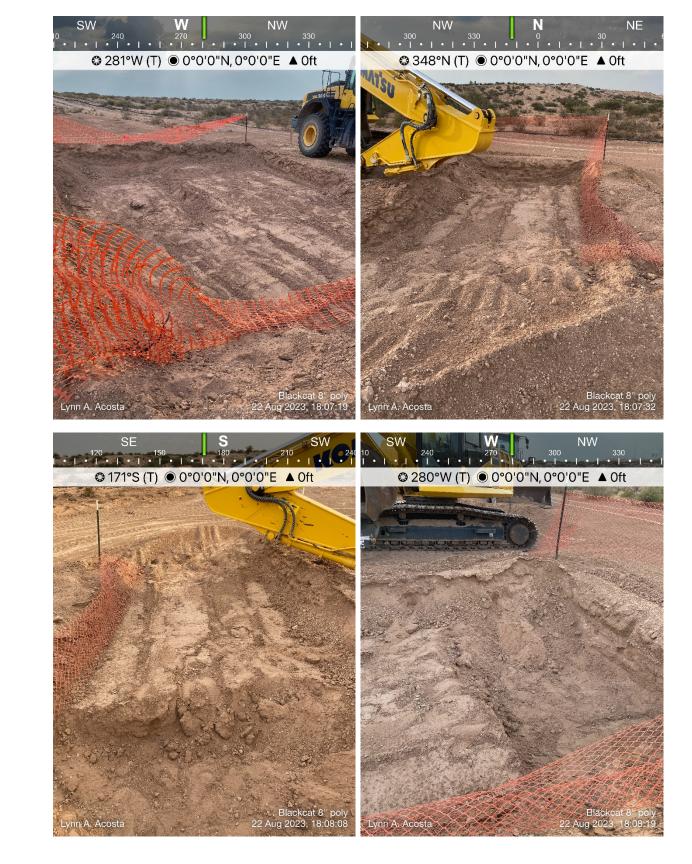
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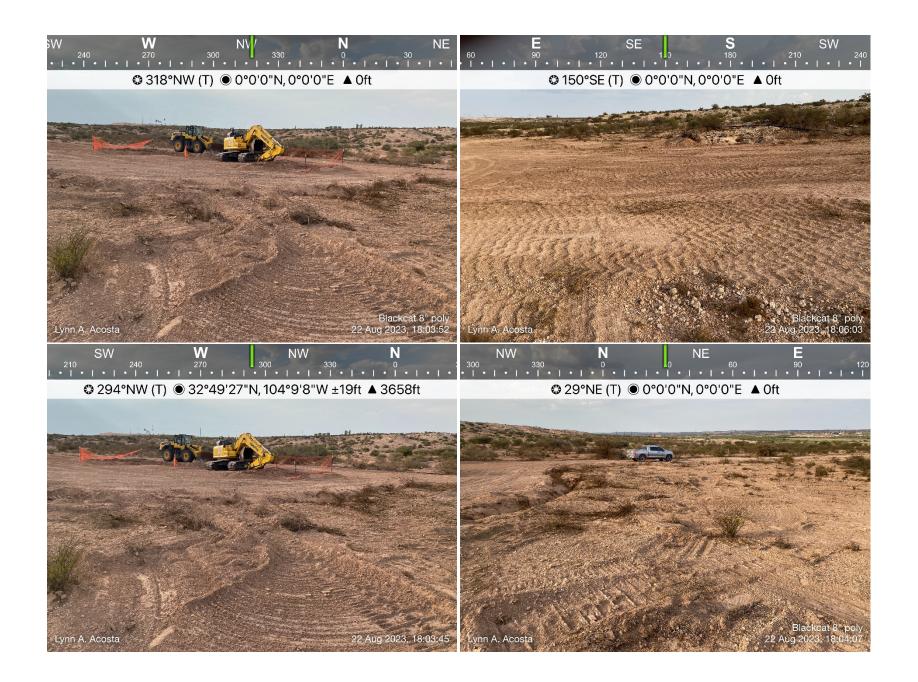
APPENDIX D OPEN EXCAVATION LOG

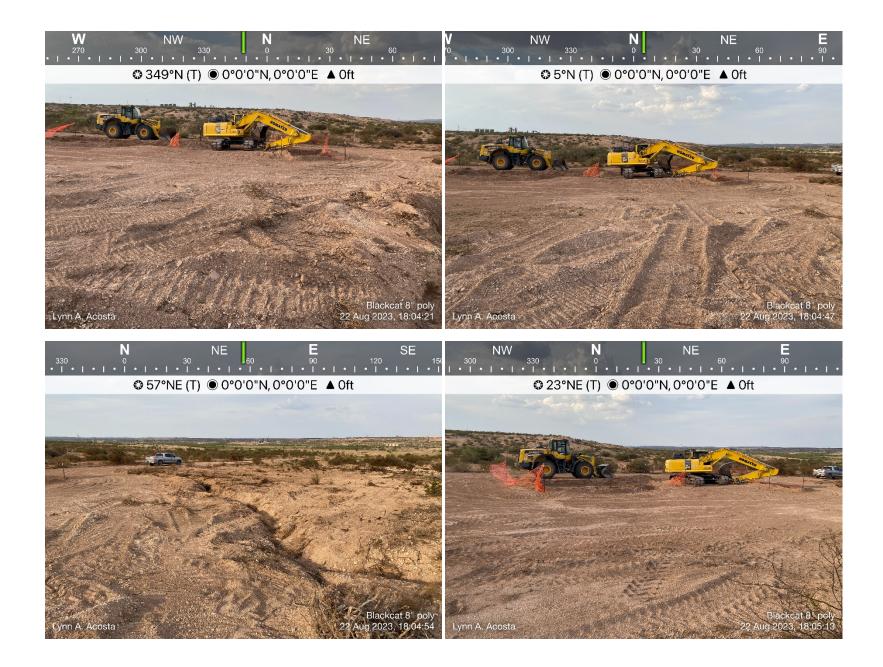
MAL - Blackcat 8" Poly Line Photo Log



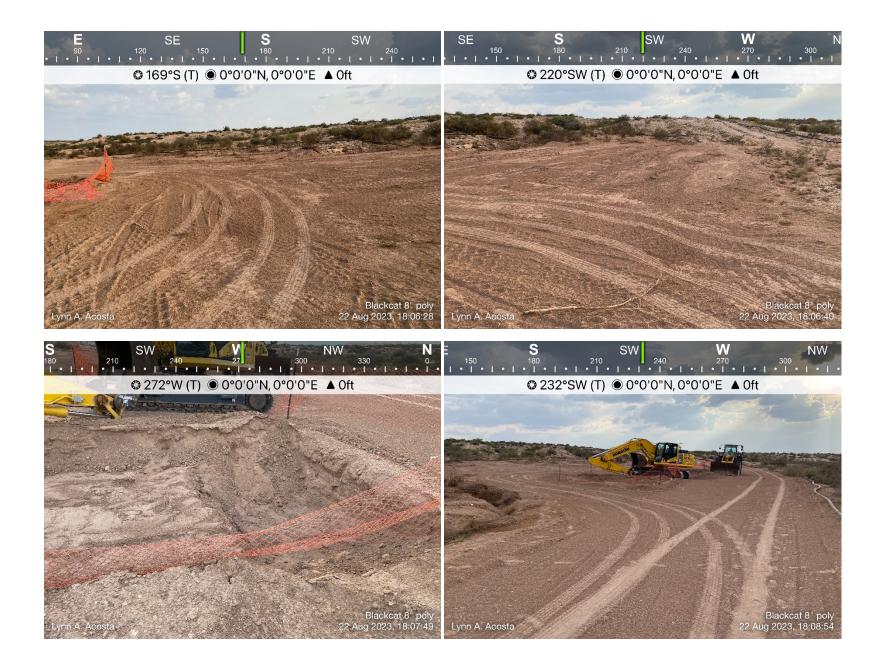


Released to Imaging: 11/30/2023 10:25:26 AM









APPENDIX E NMOCD CORRESPONDANCE

25)
2

Good afternoon Lynn,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

You have a good weekend too,

Shelly

Shelly Wells * Environmental Specialist-Advanced Environmental Bureau EMNRD-Oil Conservation Division 1220 S. St. Francis Drive|Santa Fe, NM 87505 (505)469-7520<u>|Shelly.Wells@emnrd.nm.gov</u> http://www.emnrd.state.nm.us/OCD/

From: Lynn Acosta <lynn@atkinseng.com>
Sent: Friday, August 18, 2023 3:42 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Austin Weyant <austin@atkinseng.com>; Guadalupe Carrasco
<gcarrasco@durangomidstream.com>
Subject: [EXTERNAL] 48-Hour Confirmation Sampling Notification - MAL - Blackcat 8" Poly Line (nAPP2315350925)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Afternoon,

Atkins Engineering is notifying NMOCD that confirmation sampling will be conducted at the MAL -Blackcat 8" Poly Line (nAPP2315350925) on Tuesday August 22, 2023. Atkins Engineering personnel will be onsite approximately at 4:00 pm MST.

Please let me know if you have any questions/concerns.

Have a good weekend!

Lynn A. Acosta

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator: (OGRID:
FRONTIER FIELD SERVICES, LLC	221115
10077 Grogans Mill Rd.	Action Number:
The Woodlands, TX 77380	271787
	Action Type:
	[C-141] Release Corrective Action (C-141)
CONDITIONS	

Created By	Condition	Condition Date
amaxwell	None	11/29/2023

Action 271787