



CLOSURE REPORT

Property:

Lateral 2C-89 (09/05/24) Unit Letter F, S6 T24N R6W San Juan County, New Mexico

New Mexico EMNRD OCD Incident ID No. NAPP2424846665

February 19, 2024

Ensolum Project No. 05A1226340

Prepared for:

Enterprise Field Services, LLC 614 Reilly Avenue Farmington, NM 87401 Attn: Mr. Thomas Long

Prepared by:

ZI

Landon Daniell Project Geologist

Kyle Summers Senior Managing Geologist

Ensolum, LLC | Environmental, Engineering & Hydrogeologic Consultants

606 South Rio Grande, Suite A | Aztec, NM 87410 | ensolum.com

Page i

TABLE OF CONTENTS

1.0	INTRO	DDUCTION	1
		Site Description & Background	
	1.2	Project Objective	1
2.0	CLOS		1
3.0	SOIL	REMEDIATION ACTIVITIES	3
4.0	SOIL	SAMPLING PROGRAM	3
5.0	SOIL	LABORATORY ANALYTICAL METHODS	4
6.0	SOIL	DATA EVALUATION	4
7.0	RECL	AMATION	5
8.0	REVE	GETATION	5
9.0	FINDI	NGS AND RECOMMENDATION	5
10.0	STAN	DARDS OF CARE, LIMITATIONS, AND RELIANCE	6
	10.1	Standard of Care	
	10.2	Limitations	6
	10.3	Reliance	6

LIST OF APPENDICES

Appendix A – Figures Figure 1: Topographic Map Figure 2: Site Vicinity Map Figure 3: Site Map with Soil Analytical Results

Appendix B – Siting Figures and Documentation

- Figure A: 1.0 Mile Radius Water Well/POD Location Map Figure B: Cathodic Protection Well Recorded Depth to Water Figure C: 300 Foot Radius Watercourse and Drainage Identification Figure D: 300 Foot Radius Occupied Structure Identification Figure E: Water Well and Natural Spring Location Figure F: Wetlands Figure G: Mines, Mills, and Quarries Figure H: 100-Year Flood Plain Map
- Appendix C Executed C-138 Solid Waste Acceptance Form
- Appendix D Photographic Documentation
- Appendix E Regulatory Correspondence
- Appendix F Table 1 Soil Analytical Summary
- Appendix G Laboratory Data Sheets & Chain of Custody Documentation



1.0 INTRODUCTION

1.1 Site Description & Background

Operator:	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)					
Site Name:	Lateral 2C-89 (09/05/24) (Site)					
NM EMNRD OCD Incident ID No.	NAPP2424846665					
Location:	36.34521° North, 107.51348° West Unit Letter F, Section 6, Township 24 North, Range 6 West Rio Arriba County, New Mexico					
Property:	Bureau of Land Management (BLM)					
Regulatory:	New Mexico (NM) Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)					

On September 4, 2024, Enterprise personnel identified a potential release of natural gas from the Lateral 2C-89 pipeline. Enterprise subsequently isolated and locked the meter run out of service and notified the NM EMNRD OCD. On September 9, 2024, Enterprise initiated activities to remediate petroleum hydrocarbon impact.

A **Topographic Map** depicting the location of the Site is included as **Figure 1**, and a **Site Vicinity Map** is included as **Figure 2** in **Appendix A**.

1.2 **Project Objective**

The primary objective of the closure activities was to reduce constituent of concern (COC) concentrations in the on-site soils to below the applicable NM EMNRD OCD closure criteria.

2.0 CLOSURE CRITERIA

The Site is subject to regulatory oversight by the NM EMNRD OCD. During the evaluation and remediation of the Site, Ensolum, LLC (Ensolum) referenced New Mexico Administrative Code (NMAC) 19.15.29 *Releases*, which establishes investigation and abatement action requirements for oil and gas release sites that are subject to reporting and/or corrective action. The appropriate closure criteria for sites are determined using the siting requirements outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC. Ensolum utilized the general site characteristics and information available from NM state agency databases and federal agency geospatial databases to determine the appropriate closure criteria for the Site. Supporting figures and documentation associated with the following Siting bullets are provided in **Appendix B**.

- The NM Office of the State Engineer (OSE) tracks the usage and assignment of water rights and water well installations and records this information in the Water Rights Reporting System (WRRS) database. Water wells and other points of diversion (PODs) are each assigned POD numbers in the database (which is searchable and includes an interactive map). No PODs with recorded depths to water (DTWs) were identified in the same Public Land Survey System (PLSS) section as the Site, and no PODs were identified in the adjacent PLSS sections (Figure A, Appendix B).
- One cathodic protection well (CPW) was identified in the NM EMNRD OCD imaging database in an adjacent PLSS section. No CPWs were identified in the same PLSS section as the Site. This CPW is depicted on Figure B (Appendix B). Documentation for the cathodic protection



well located near the Harvey State #8 and #10 production pads indicates a depth to water of 280 feet below grade surface (bgs). This cathodic protection well is located approximately 1.12 miles northeast of the Site and is approximately 127 feet higher in elevation than the Site.

- The Site is located within 300 feet of a NM EMNRD OCD-defined continuously flowing watercourse or significant watercourse (**Figure C**, **Appendix B**). The Site is located adjacent to a "blue line" ephemeral wash.
- The Site is not located within 200 feet of a lakebed, sinkhole, or playa lake.
- The Site is not located within 300 feet of a permanent residence, school, hospital, institution, or church (Figure D, Appendix B).
- No springs, or private domestic freshwater wells used by less than five households for domestic or stock watering purposes were identified within 500 feet of the Site (Figure E, Appendix B).
- No freshwater wells or springs were identified within 1,000 feet of the Site (Figure E, Appendix B).
- The Site is not located within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to New Mexico Statutes Annotated (NMSA) 1978, Section 3-27-3.
- Based on information identified in the U.S. Fish & Wildlife Service National Wetlands Inventory Wetlands Mapper, the Site is located adjacent to a riverine with a "J" designation, indicating that it would generally not be considered a wetland in the arid southwest United States. (Figure F, Appendix B). A pond is located approximately 2,300 feet southwest of the Site.
- Based on information identified in the NM Mining and Minerals Division's Geographic Information System (GIS) Maps and Mine Data database, the Site is not within an area overlying a subsurface mine (**Figure G**, **Appendix B**).
- The Site is not located within an unstable area per Paragraph (6) of Subsection U of 19.15.2.7 NMAC.
- Based on information provided by the Federal Emergency Management Agency (FEMA) National Flood Hazard Layer (NFHL) geospatial database, the Site is adjacent to, and possibly within, a 100-year floodplain (**Figure H**, **Appendix B**).

Based on available information Enterprise estimates the depth to water at the Site to potentially be less than 50 feet bgs, resulting in a Tier I ranking. The closure criteria for soils remaining in place at the Site include:



Closure Report Enterprise Field Services, LLC Lateral 2C-89 (09/05/24)

Page 3

Tier I Closure Criteria for Soils Impacted by a Release										
Constituent ¹	Method	Limit								
Chloride	EPA 300.0 or SM4500 CI B	600 mg/kg								
TPH (GRO+DRO+MRO) ²	EPA SW-846 Method 8015	100 mg/kg								
BTEX ³	EPA SW-846 Method 8021 or 8260	50 mg/kg								
Benzene	EPA SW-846 Method 8021 or 8260	10 mg/kg								

¹ – Constituent concentrations are in milligrams per kilogram (mg/kg).

² – Total Petroleum Hydrocarbons (TPH). Gasoline Range Organics (GRO). Diesel Range Organics (DRO). Motor Oil/Lube Oil Range Organics (MRO).

³ – Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX).

3.0 SOIL REMEDIATION ACTIVITIES

On September 9, 2024, Enterprise initiated activities to remediate petroleum hydrocarbon impact resulting from the release. During the remediation and corrective action activities, Sierra Oilfield Services, Inc., provided heavy equipment and labor support, while Ensolum provided environmental consulting support.

The excavation measured approximately 37 feet long and 17 to 18 feet wide at the maximum extents. The maximum depth of the excavation measured approximately 12 feet bgs, with a footprint of approximately 1,237 ft². The lithology encountered during the completion of remediation activities consisted primarily of silty sand and clay.

Approximately 670 cubic yards (yd³) of petroleum hydrocarbon-affected soils, 50 barrels (bbls) of hydro-excavation soil cuttings and water, and 555 barrels of stormwater from a rain event that drained into the excavation were transported to the Envirotech, Inc., (Envirotech) landfarm in San Juan County, NM for disposal/remediation. The executed C-138 solid waste acceptance form is provided in **Appendix C**. The excavation was backfilled with imported fill and then contoured to the surrounding grade.

Figure 3 is a map that identifies approximate soil sample locations and depicts the approximate dimensions of the excavation with respect to the pipeline (**Appendix A**). Photographic documentation of the field activities is included in **Appendix D**.

4.0 SOIL SAMPLING PROGRAM

Ensolum field screened the soil samples from the excavation utilizing a calibrated Dexsil PetroFLAG[®] hydrocarbon analyzer system and a photoionization detector (PID) fitted with a 10.6 eV lamp to guide the excavation extents.

Ensolum's soil sampling program included the collection of 25 composite soil samples (S-1 through S-25) from the excavation and one composite sample (BF-1) from the backfill for laboratory analysis. The composite samples were comprised of five aliquots each and represent an estimated 200 square foot (ft^2) or less sample area per guidelines outlined in Section D of 19.15.29.12 NMAC. The excavator bucket and/or hand tools were utilized to obtain fresh aliquots from each area of the excavation and backfill. Regulatory correspondence is provided in **Appendix E**.

First Sampling Event

On September 16, 2024, sampling was performed at the Site. The NM EMNRD OCD was notified of the sampling event although no representative was present during sampling activities. Composite soil samples S-1 (6') and S-2 (6') were collected from the floor of the excavation.



Composite soil samples S-3 (0' to 6'), S-4 (0' to 6'), and S-5 (0' to 6') were collected from the walls of the excavation. The results for composite soil samples S-1 and S-2 indicated exceedances in benzene, BTEX, and total combined TPH GRO/DRO/MRO concentrations. The results for S-3 and S-5 indicated exceedances in BTEX and total combined TPH GRO/DRO/MRO concentrations. The results for S-4 indicated exceedances in total combined TPH GRO/DRO/MRO concentrations.

Second Sampling Event

On September 17, 2024, sampling was performed at the Site. The NM EMNRD OCD was notified of the sampling event although no representative was present during sampling activities. Composite soil samples S-6 (11'), S-7 (11'). S-8 (11'), S-9 (8'), and S-10 (8') were collected from the floor of the excavation. Composite soil samples S-11 (0' to 11'), S-12 (0' to 11'), S-13 (0' to 8'), S-14 (0' to 8'), S-15 (0' to 8'), S-16 (0' to 11'), and S-17 (0' to 11') were collected from the walls of the excavation.

Third Sampling Event

On September 26, 2024, sampling was performed at the Site. The NM EMNRD OCD was notified of the sampling event although no representative was present during sampling activities. Composite soil samples S-18 (12') and S-19 (12') were collected from the floor of the excavation to replace composite soil samples S-1 and S-2. Composite soil samples S-20 (0' to 12'), S-21 (0' to 12'), S-22 (0' to 12'), S-23 (0' to 12'), S-24 (0' to 12'), and S-25 (0' to 12') were collected from the walls of the excavation to replace composite soil samples S-3, S-4, and S-5.

Fourth Sampling Event

On January 23, 2025, sampling was performed at the Site. The NM EMNRD OCD was notified of the sampling event although no representative was present during sampling activities. Composite soil sample BF-1 was collected from the imported fill.

All soil samples were collected and placed in laboratory-prepared glassware. The containers were labeled and sealed using the laboratory-supplied labels and custody seals and were stored on ice in a cooler. The samples were relinquished to the courier for Eurofins Environment Testing South Central, LLC (Eurofins) of Albuquerque, NM, under proper chain-of-custody procedures.

5.0 SOIL LABORATORY ANALYTICAL METHODS

The composite soil samples were analyzed for BTEX using Environmental Protection Agency (EPA) SW-846 Method 8021; TPH GRO/DRO/MRO using EPA SW-846 Method 8015; and chlorides using EPA Method 300.0.

The laboratory analytical results are summarized in **Table 1** (**Appendix F**). The laboratory data sheets and executed chain-of-custody forms are provided in **Appendix G**.

6.0 SOIL DATA EVALUATION

Ensolum compared the benzene, BTEX, TPH, and chloride laboratory analytical results or laboratory practical quantitation limits (PQLs) / reporting limits (RLs) associated with the composite soil samples (S-1 through S-25 and BF-1) to the applicable NM EMNRD OCD closure criteria. Due to the high PQLs/RLs associated with the TPH MRO results when using EPA SW-846 Method 8015, Ensolum only compared the quantified TPH results to the New Mexico EMNRD OCD closure criteria. The results for composite soil samples S-1 through S-5 are not included in the following discussion because the impacted soils were removed from the Site and taken to the landfarm. The laboratory analytical results are summarized in **Table 1** (**Appendix F**).



- The laboratory analytical results for the composite soil samples indicate that benzene is not present in soils remaining at the Site at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 10 mg/kg.
- The laboratory analytical results for the composite soil samples indicate that total BTEX is not present in the soils remaining at the Site at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 50 mg/kg.
- The laboratory analytical results for the composite soil samples indicate total combined TPH GRO/DRO/MRO is not present in the soils remaining at the Site at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 100 mg/kg.
- The laboratory analytical results for the composite soil samples indicate chloride is not present in the soils remaining at the Site at concentrations greater than the laboratory PQLs/RLs, which is less than the NM EMNRD OCD closure criteria of 600 mg/kg.

7.0 RECLAMATION

The excavation was backfilled with imported fill and then contoured to the surrounding grade. The backfill and the upper four feet (soil zone) of the excavation have been analytically verified to be below the Tier I soil standards of 50 mg/kg BTEX, 10 mg/kg benzene, 100 mg/kg total combined TPH, and 600 mg/kg Chloride. See **APPENDIX D** and **APPENDIX F** for further documentation.

8.0 **REVEGETATION**

Revegetation will be addressed in accordance with 19.15.29.13 NMAC utilizing the recommended seed mix as described in the Vegetation Community Descriptions and Seed Mixes provided by the BLM Farmington Field Office. In this case the surrounding flood-plain/wash vegetation appears to be predominantly of the Sagebrush Vegetation Community. Enterprise will reseed the area with the appropriate seed mix during the next favorable growing season. Enterprise will provide revegetation documentation under separate cover.

9.0 FINDINGS AND RECOMMENDATION

- Twenty-six composite soil samples were collected from the Site. Based on laboratory analytical results, no benzene, BTEX, chloride, or total combined TPH GRO/DRO/MRO exceedances were identified in the soils remaining at the Site.
- Approximately 670 yd³ of petroleum hydrocarbon-affected soils and 605 bbls of hydroexcavation soil cuttings and water were transported to the Envirotech landfarm for disposal/remediation.

Based on field observations and laboratory analytical results, no additional investigation or corrective action appears warranted at this time.



Page 6

10.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

10.1 Standard of Care

Ensolum's services were performed in accordance with standards customarily provided by a firm rendering the same or similar services in the area during the same time period. Ensolum makes no warranties, express or implied, as to the services performed hereunder. Additionally, Ensolum does not warrant the work of third parties supplying information used in the report (e.g., laboratories, regulatory agencies, or other third parties).

10.2 Limitations

Findings, conclusions, and recommendations resulting from these services are based upon information derived from the on-Site activities and other services performed under this scope of work, and it should be noted that this information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, or not present during these services, and Ensolum cannot represent that the Site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during the investigation. Environmental conditions at other areas or portions of the Site may vary from those encountered at actual sample locations. Ensolum's findings and recommendation are based solely upon data available to Ensolum at the time of these services.

10.3 Reliance

This report has been prepared for the exclusive use of Enterprise, and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the Site) is prohibited without the express written authorization of Enterprise and Ensolum. Any unauthorized distribution or reuse is at the client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions, and limitations stated in this report and Ensolum's Master Services Agreement. The limitation of liability defined in the agreement is the aggregate limit of Ensolum's liability to the client.





APPENDIX A

Figures

Received by OCD: 3/3/2025 7:32:59 AM



Received by OCD: 3/3/2025 7:32:59 AM









APPENDIX B

Siting Figures and Documentation

Page 14 of 151





Received by OCD: 3/3/2025 7:32:59 AM





Received by OCD: 3/3/2025 7:32:59 AM



Received by OCD: 3/3/2025 7:32:59 AM





Received by OCD: 3/3/2025 7:32:59 AM



310 310 B- 30-039-05717	Pag/22 of 1
310 8- 50-039-05717 10-30-039-23668	
DATA SHEET FOR DEEP GROUND BED CATHODIC PR NORTHWESTERN NEW MEXICO (Submit 3 copies to OCD Aztec Off	
Operator <u>MERIDIAN OIL INC.</u> Location: Unit	L_Sec. <u>32_Twp25_Rng_6</u>
Name of Well/Wells or Pipeline Serviced HARVEY STATE	#10, #8
	cps 1918w
Elevation 6763' Completion Date 11/24/87 Total Depth 5	20'Land Type*N/A
Casing, Sizes, Types & DepthsN/A	
II Casing is cemented, snow amounts & types used	N/A
If Casing is cemented, show amounts & types used If Cement or Bentonite Plugs have been placed, show N/A	
If Cement or Bentonite Plugs have been placed, show	depths & amounts us of water when po ssib
If Cement or Bentonite Plugs have been placed, show N/A Depths & thickness of water zones with description	depths & amounts use of water when possib
If Cement or Bentonite Plugs have been placed, show N/A Depths & thickness of water zones with description Fresh, Clear, Salty, Sulphur, Etc. 280' NO SAMPL	depths & amounts us of water when possib
If Cement or Bentonite Plugs have been placed, show N/A Depths & thickness of water zones with description Fresh, Clear, Salty, Sulphur, Etc280' NO SAMPL Depths gas encountered:N/A	depths & amounts us of water when possib E
If Cement or Bentonite Plugs have been placed, show N/A Depths & thickness of water zones with description Fresh, Clear, Salty, Sulphur, Etc280' NO SAMPL Depths gas encountered:N/A Type & amount of coke breeze used:N/A	depths & amounts us of water when possib E
If Cement or Bentonite Plugs have been placed, show N/A Depths & thickness of water zones with description Fresh, Clear, Salty, Sulphur, Etc. 280' NO SAMPL Depths gas encountered: N/A Depths amount of coke breeze used: N/A Depths anodes placed: 435', 425', 415', 405', 395' Depths vent pipes placed: N/A Vent pipe perforations: 260'	depths & amounts use of water when possibi E 375', 360', 350', 295'
If Cement or Bentonite Plugs have been placed, show N/A Depths & thickness of water zones with description Fresh, Clear, Salty, Sulphur, Etc280' NO SAMPL Depths gas encountered:N/A Type & amount of coke breeze used:N/A Depths anodes placed: 435', 425', 415', 405', 395', 885', Depths vent pipes placed:N/A	depths & amounts use of water when possibi E 375', 360', 350', 295'

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

.

`.

*Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee. If Federal or Indian, add Lease Number.

Post Office Box 4239 Farmington; New Mexico 87499 (505) 327-0251

DIAN OIL ING

on Re

VELL: CASING Druke (Aizze Herrin) CATHODIC PROTECTION CONSTRUCTION REPORT Completion	Dare 11-24-87
CATHODIC PROTECTION CONSTRUCTION REPORT' Completion	In the Cost
all W	Cost. Det
Laturante 22/1/CO" Anode Type Bir	
Depth Dalled Depth Logred 255 Drilling Lig Times Total Dat Code Und State Lost Combines Mar / Und State Stat	No. Secha Made Light
Anode Depites # 1435 # 24425 # 3415 # 4485 # 5395 # 6385 # 1375 # 83360	0 89350 810 295
Anode Output (Ampels 14 7 18 4 4 6 18 5 4 0 18 6 4 6 18 7 4 5 18 8 5 1	
Anode: Depth 7 # 11 # 12 # 13 # 14 # 15 # 16 # 17 # 18 Anode: Outputs (Amps)	 A TALE AND AND AND AND AND AND AND AND AND AND
Anode Outputs (Amps) # 13 # 14 # 15 # 16 # 17 # 18 Total Circuit Resistance	# 19# 20
Total Circuit Resistance No. 8 C. P. Cable Used Volts 1/1.9/1 Amps 1814 Ohms - 647	No. ?? C.P. Cable Used
Remarks: Oriller soid water was at 280% /	10 water
sample was taken Jent pipens p	
<u>up 70 2601</u>	
4300	
Rectifier Size: V A Sola Z	struction Completed 4 view

Adda'l Depth Depth Credit 157.50 Extra Cable: 30 30 30 30 50

Ditch & I Cable: 12.90. 82.50 Ditch & 2 Cable: GROUND BED LAYOUT SKETCH 25' lleter Pole:

-3774-1-52.

ewed by OCD:

428540 1x 214,27 **~**~~ 44999670





Comp



50

Bungh

PC+

BURG CORROSION SYSTEMS

Received by OCD: 3/3/2025 7:32:59 AM

P.O. BOX 1359= PHONE 334-6141 AZTEC: NEW MEXICO 87410 DEEP WELL GROUNDBED LOG

Date // - 2 - 8- 8

	, v W		No	7 	ø,	2	a	i Le	cation	2	γ ζ a	r c	• <i>c</i>	2	2	<u>7</u>	∎. Ze	<u>p</u>		Vo		pol	ed -	77.5) /		ê.		/5	22
	9								230				ų,					7	24	υŀ	5			- 40			nF		TE	
	- 1 0		њи "МЕ						. 206		Đ,						- 460 -							- 68 5						
	.19								340								, کمه	Q	¥	3	sj.			- 680	¥,	4				
	- 20								245)4. 11						470 ;	ŊĞ	4	2	S III		(0 ? 3	- 695 - 	<u>5</u> 7	2				
	25											347. #					-475 - 480	00	7	0	21			700	¥ V	4				
	. 10 31								260	، ور	1		adir Adalar Nanaga				- 1	ŝ	3	7	Śİ.	3		2 710 I	Ŵ	o				
	-40								્રે સન્ક .	•	1	j.	141				490	4	3	4	śĮ		29	715	¥	4				
									270	ŀ	6		1 1 1 1 	(a.s.) 			(495) (***	2	3	2	Śſ			720		5				
	. 50		a a Tim						. 275	<i>1.</i>	0			12 2			500 1 505 - 0	30	2 1		$\frac{\partial}{\partial}$			725	2	4 Q				
	- 15 - 60								2780) : 2785	1	2						510	14 (10)	Ç	5	5			730 735	4	3				
	- 65								290	7.	J		рш Ф. (".)				515 (inglastet Takintin				. A	740				12		
	70								2765	2	0	1 	2	Æ	2		530 -						i eg	745',						
	75								300	<u>/</u> -	2						525	girin Hast	ajini Jar					750 ,						
	80							ŕ4	. 305 		7		241 6.42			1.5.1. 1.5.1	530 535							755 - - 760						
									914 915		7						540							765						
	95						27	X.	_ 120		1	i (1			1917 - 1924	49	545 2			37] 4-		1		770,	74			1.		
	100								. 325		ΝN						, 850	ir			.			775						
	105								3301	1	0	niti A di					1999 1999 1999							780) 785				n en S		
	110 115								3335 340	/	\sim						565 I		434 					790						
	120						16		19-1)- - 141 -),	5			Т¢.			570	ļ.				. 1		- 76	- 49 Å 19 Å9					
	125							÷.,	350	2	9		X.)			. 575							. 100				- j:		
	130								, 355	2,	2						580							. 105						
	135								360 -	2.	20		Ŷ	()			585 590						14 M.A. 14 M.A.	BID 815						
									365 370		9						1995. 1995.							1 an 1 1 an 1						
	150			1 411	ТŔ,				175 175	7	12		4	\mathcal{O}	(, f)		600						1	- 825						
	155									η,							605							666						
	160								365	n N				÷.,			_ 610				B			805 .						
Dir Colorin di Colorin di Colorin di C							and the second second		3%0 - 3%5 *	12	4	704 11 - F		2		are in the second	615 620							-840 1 845						
	75 75								400	Ŋ	$\dot{\varphi}$						- 625							850				r F.		
	160 160								405 I	З.	9		2	Ø			630		ЭÚ				F RE	855				t di		
	185							ίά.	-410	2,	7					Ľ.	. 635			A			# * **	860						
	190								415 -	24	$\frac{2}{2}$			2			640 -							865						
									- 100 - 1115	Ϋ́	7			Å			645 650		a di cara ca di cara					, 870 . 875						
										?	2						655													
	869 710									Ŋ	5	7		ſŊ			- 660													
	215								40	2	Q			ЦФ.			- 665							- 20 0						
	220		-er-, -er: 12	1.1		- State Lei			, 45	2	Ç						670													
		18. 3 		<u>()23</u> minesi						2					1000	anist. Jana							ú l R							

	147				han i Salan Africa a An Angelan Africa An Angelan Angelan An Angelan Ang Angelan Ang Angelan Ang Angelan Ang A	P. O. B AZTEC DRILL	Corrosion DX 1359 , NEN NEXI ING AND LO	X) 87410	6					
	NUMBER 197	510	4.	#10		HETER 674		FINA	nia da Ligaziano da				nps.	191
DIPAN	V NRE Merid	ian	影响		NLM OF A	WODES		FINA	(READ)	NG	ANPS	C C		
	DESCRIPTION 1/4		1	ITAL FINAL	- 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14	DEPTH 22-		A	l Repui	HOLE	SOIL		INITA	L FINAL
EPTH	TYPE	AAPS	A	ips: Ands	DEPTH	TYPE	AMPS	AMPS	ANPS	DEPTH	TYPE	ANPS	AMPS	APS
S.1	SANA		e se e e e e e e e e e e e e e e e e e		245					1 485 1		國政改	131200	
10 I 15 I	The second s	436-54 377-6-			1 250 1		4			120 C	<u>際本日</u>	nit serving to skill	1 - Ser 14 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	
20 1		The second		and the second secon	1 255 1 1 1 260 2 1	17 755 4			n in the second s	1 495 1	will is	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		
ଅା	Shalle	a and		19-14 d ^{al} t	[_ 265 ∋I∑	ands for	2e1-5-	Y MAR	外 次:3	1 505 1		<u> </u>		行和财
30 I	Sondstone			inter a star la seconda de br>Seconda de la seconda de la	270 1				<u>a secu</u> Ti <u>ar</u> ri	1 51041				
40 I	and the second division of the second divisio			and the state	275 <u> </u>	-1/10-10-1 -1/10-10-1		之時報	e stations A stations	515 520	st literation	n 1973 1974 - 1974		时。就会派
45 /1	sory 1% we have set	<u>kers</u> i			285					1 525 1		く、酸	Т. П	
50 55					290					******		an trini.	T Contraction	a finalest
	and the second and th	AL MENTER AN	321.3 2 4 34.3 34.5 4 34.5 4 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	a IN A . A AN A A	} 295 31 <u>67</u> - 300 41∋ 1	- <u>11</u> (1997)				the sea dist.				
65 st	Im le	i daniki i	۲ ۲		i⊴305∵i∑	ndi Sha	Ia		₹¥£	1 545 1				
	Sandstone				1 310 1	1/ 10 star	AND THE PARTY	B. Fridde.	F 24. 1	Base + Level =	and a second			4 Nover Constant
75 i 80 i		and the	1.2 . 10-5		315 I_ 320 I		State Parality	<u>18 (175.)</u> Se Mili		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	この うちょう かい うちょう ひょう ひょう ひょう ひょう ひょう ひょう ひょう ひょう ひょう ひ	and the state of t		
Service and the				(當)(1950)	325	1 4 7 9 5	"本"的"对	武備被		MAR				
· · · · ·				15.15	[, 330 ≦l <u>≛.</u>							4. 1	1 # 449 Doff 7 273 1	
55 I		A CONTRACT		표정 <u>35</u> 12년 - 11년 br>11년 - 11년	. 335 (<u>*</u> 340 (*	- <u> -579</u>] - -579]								
2 TO . LOTAR.	and I bear	17. 2. 68.6		55 ".N-1"		11000					源自己的			
GATHER.					350	11			- <u>1</u> 2-3	1 590 1	her - Sha			
115 120			<u>後</u> 高く込	nelectra a tota et	355 <u>`</u>] 360 <i> </i> []	andstan	<u>et la seconda de la seconda d</u>	(4) (1) (1) (4) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1		595 600				14 38 4 C A 18 18 4 19 19
	state of the state of a design of the state of the state	RAC		alin Circle	365	Shalle	新加,他等			605				
130 [MSSE			1_370 I	* U			(Jack Z	610				<u>i</u> setter
135 i 140 i	на 11 ст. с. Се и се ст.		影赏		375 I 380 I					615 620				
145	221/55525		驶 阀		385					1 625 1				
150 /					390 1	<u> </u>				1 630 1		<u>à</u> les		
155 160		Tring and			<u>395∛ ⊴_</u> _400≍	<u>- 178年。</u>	<u>- 3-4 (336)</u> - 3-4 (379)		19 2942 73 1	635 640			SI AN LOSS	
165 1					405	1/.+	1 - 2 - Ale Artic		<u>.</u> .	1 645		ar 198.3		
		and a state			410	·· 1/ + 3"2"	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1			I. 650 I	to the sector	F ALLA		
175 _ 180 _		調査法で	<u>國</u> 國		415	11:36	ante fridate		「大学学	1 655 1 1 660 1				
	Notersan J				425 I	11:3675		MELIN		665	KAN ASA			
90		No and			430 1	12			Text	1 670 1			<u>Najes</u>	
195 I	///	27.44 A			435 [<u></u>	· ···································	<u> </u>		1526- 1	1 675 1		Ma CPA		
05 I		387.995 387.995				4	Con and the	an arean		680 685				
10 1	vuler Sand	<u>Pus</u>		凝白的	450 1	(机合物	1 690 I				
215 i 20 i	Same 1 1 State Same Shade and	Listas Al Con		tiftifan fatan ara i. Margini inda	455 I	<u>第二部への</u> 構成		at 1974		1 695 I				
25 I		A CONTRACTOR			460 1					=700 =705				
230	A PARTY AND A TANK	1	55- A 1	ANT SAU FA	470 1	始新了 时 着马利的新兴	8.838 S	Add the Maria	7 (P), 64 X (P	1-710-1-	SPREASE STREET, STREET			46 2000



No report data available.

Basin/County Search: Basin: SJ

PLSS Search: Range: 06W Township: 25N Section: 31,32

* UTM location was derived from PLSS - see Help

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.

Page 26 of 151



No report data available.

Basin/County Search: Basin: SJ

PLSS Search: Range: 07W Township: 25N Section: 36

* UTM location was derived from PLSS - see Help

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.

Page 27 of 151



No report data available.

Basin/County Search: Basin: SJ

PLSS Search: Range: 06W Township: 24N Section: 5,6,7,8

* UTM location was derived from PLSS - see Help

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.

Page 28 of 151



No report data available.

Basin/County Search: Basin: SJ

PLSS Search: Range: 07W Township: 24N Section: 1,12

* UTM location was derived from PLSS - see Help

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.

Page 29 of 151



APPENDIX C

Executed C-138 Solid Waste Acceptance Form

District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, 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 Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-138 Revised 08/01/11

*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT S	SOLID WASTE
1. Generator Name and Address: Enterprise Field Services, LLC, 614 Reilly Ave, Farmington NM 87401	PayKey:AM14058 PM: Dwayne Dixon AFE: N74605
2. Originating Site: Lateral 2C-89	
3. Location of Material (Street Address, City, State or ULSTR): UL F Section 6 T24N R6W;36.345210, -107.513480	
4. Source and Description of Waste: Source: Remediation activities associated with a natural gas pipeline leak. Description: Hydrocerbon/Condensate impacted soil associated natural gas pipeline release. Estimated Volume 50 yd ³ / bbls Known Volume (to be entered by the operator at the end	
5. GENERATOR CERTIFICATION STATEMENT OF WA	STE STATUS
I, Thomas Long Generator Signature certify that according to the Resource Conservation and Recovery Act (RCRA) and the US En regulatory determination, the above described waste is: (Check the appropriate classification)	nvironmental Protection Agency's July 1988
RCRA Exempt: Oil field wastes generated from oil and gas exploration and product exempt waste. <i>Operator Use Only: Waste Acceptance Frequency</i> Monthly	ion operations and are not mixed with non- Weekly Per Load
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed th characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazard subpart D, as amended. The following documentation is attached to demonstrate the abo the appropriate items)	ous waste as defined in 40 CFR, part 261,
🗇 MSDS Information 🛛 RCRA Hazardous Waste Analysis 🕞 Process Knowledge	□ Other (Provide description in Box 4)
GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEM	IENT FOR LANDFARMS
I, Thomas Long 9-6-2024, representative for Enterprise Products Operating autho Generator Signature the required testing/sign the Generator Waste Testing Certification.	rizes <u>Envirotech, Inc.</u> to complete
I, <u>Grey Crabben</u> , representative for <u>Envirotech, Inc.</u> representative samples of the oil field waste have been subjected to the paint filter test and test have been found to conform to the specific requirements applicable to landfarms pursuant to a of the representative samples are attached to demonstrate the above-described waste conform 19.15.36 NMAC.	Section 15 of 19.15.36 NMAC. The results
5. Transporter: TBD	
OCD Permitted Surface Waste Management Facility Name and Facility Permit #: Envirotech Inc. Soil Remediation Facility * Permit #: NM Address of Facility: Hilltop, NM Method of Treatment and/or Disposal: Evaporation Injection Treating Plant Landfarm II	M 01-0011 Landfill 🔲 Other
PRINT NAME: Greg Crabber TITLE: Enviro MANA SIGNATURE: MANA TELEPHONE NO.:	(Must Be Maintained As Permanent Record) <u> <u> <u> </u> /u></u>



APPENDIX D

Photographic Documentation

SITE PHOTOGRAPHS

Closure Report Enterprise Field Services, LLC Angel Peak 2C-89 (09/05/24) Ensolum Project No. 05A1226340



Photograph 1 Photograph Description: View of the in- process excavation activities.	
Photograph 2 Photograph Description: View of the in- process excavation activities.	
Photograph 3 Photograph Description: View of the in- process excavation activities.	

Closure Report Enterprise Field Services, LLC Angel Peak 2C-89 (09/05/24) Ensolum Project No. 05A1226340



Photograph 2 Photograph Description: View of the final excavation (partially backfilled). Photograph 3 Photograph Description: View of the excavation final restoration and reseeding.



APPENDIX E

Regulatory Correspondence

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Thursday, September 12, 2024 12:05 PM
To: Long, Thomas <<u>tjlong@eprod.com</u>>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 383099
[Use caution with links/attachments]

To whom it may concern (c/o Thomas Long for Enterprise Field Services, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2424846665.

The sampling event is expected to take place:

When: 09/16/2024 @ 09:00 Where: F-06-24N-06W 0 FNL 0 FEL (36.34521,-107.51348)

Additional Information: Ensolum, LLC

Additional Instructions: 36.34521,-107.51348

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

• Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive Santa Fe, NM 87505

This message (including any attachments) is confidential and intended for a specific individual and purpose. If you are not the intended recipient, please notify the sender immediately and delete this message.

Incident # nAPP2424846665

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

This email is a notification and a variance request. Enterprise is requesting a variance for required 48 hour notification per 19.15.29.12D (1a) NMAC. Enterprise would like to collect soil samples for laboratory analysis today, September 17, 2024 at 9:00 a.m. at the Lateral 2C-89 excavation. Please acknowledge acceptance of this variance request. If you have any questions, please call or email.

Thomas J. Long Senior Environmental Scientist Enterprise Products Company 614 Reilly Ave. Farmington, New Mexico 87401 505-599-2286 (office) 505-215-4727 (Cell) tjlong@eprod.com



This message (including any attachments) is confidential and intended for a specific individual and purpose. If you are not the intended recipient, please notify the sender immediately and delete this message.

Received by OCD: 3/3/2025 7:32:59 AM

From: Velez, Nelson, EMNRD <<u>Nelson.Velez@emnrd.nm.gov</u>>
Sent: Tuesday, September 17, 2024 8:45 AM
To: Long, Thomas <<u>tilong@eprod.com</u>>
Cc: Stone, Brian <<u>bmstone@eprod.com</u>>
Subject: Re: [EXTERNAL] Lateral 2C-89 - UL F Section 6 T24N R6W;36.345210, -107.513480; NMOCD

Incident # nAPP2424846665

[Use caution with links/attachments]

Good morning Tom,

Thank you for the notice. Your variance request specifically addressing 19.15.29.12D (1a) NMAC is approved.

If an OCD representative is not on-site on the date &/or time given, please sample per 19.15.29 NMAC or from an OCD pre-approved sampling plan. For whatever reason, if the sampling timeframe is altered, please notify the OCD as soon as possible so we may adjust our schedule(s). Failure to notify the OCD of this change may result in the closure sample(s) not being accepted.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Regards,

Nelson Velez • Environmental Specialist - Adv Environmental Bureau | EMNRD - Oil Conservation Division 1000 Rio Brazos Road | Aztec, NM 87410 (505) 469-6146 | nelson.velez@emnrd.nm.gov http://www.emnrd.nm.gov/ocd_



From: Long, Thomas <tjlong@eprod.com>
Sent: Tuesday, September 17, 2024 8:39 AM
To: Velez, Nelson, EMNRD <<u>Nelson.Velez@emnrd.nm.gov</u>>
Cc: Stone, Brian <<u>bmstone@eprod.com</u>>
Subject: [EXTERNAL] Lateral 2C-89 - UL F Section 6 T24N R6W;36.345210, -107.513480; NMOCD

From:	OCDOnline@state.nm.us
To:	Long, Thomas
Subject:	[EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 386749
Date:	Wednesday, September 25, 2024 10:09:16 AM

[Use caution with links/attachments]

To whom it may concern (c/o Thomas Long for Enterprise Field Services, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2424846665.

The sampling event is expected to take place:

When: 09/26/2024 @ 12:00 **Where:** F-06-24N-06W 0 FNL 0 FEL (36.34521,-107.51348)

Additional Information: Ensolum, LLC

Additional Instructions: 36.34521,-107.51348

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

• Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Drive Santa Fe, NM 87505 Received by OCD: 3/3/2025 7:32:59 AM

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Thursday, January 16, 2025 2:00 PM

To: Long, Thomas <<u>tjlong@eprod.com</u>>

Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 421750

[Use caution with links/attachments]

To whom it may concern (c/o Thomas Long for Enterprise Field Services, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2424846665.

The sampling event is expected to take place:

When: 01/23/2025 @ 13:00 **Where:** F-06-24N-06W 0 FNL 0 FEL (36.34521,-107.51348)

Additional Information: Ensolum, LLC

Additional Instructions: 36.34521,-107.51348

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

• Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive Santa Fe, NM 87505

This message (including any attachments) is confidential and intended for a specific individual and purpose. If you are not the intended recipient, please notify the sender immediately and delete this message.

From: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Sent: Monday, December 2, 2024 9:11 AM
To: Long, Thomas <tjlong@eprod.com>
Cc: Stone, Brian <bmstone@eprod.com>; Bratcher, Michael, EMNRD
<mike.bratcher@emnrd.nm.gov>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; Wells,
Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Subject: [EXTERNAL] (Extension Approval) - Lateral 2C-89 -UL F Section 6 T24N R6W;36.345210,
-107.513480; 36.85498,-108.11931; NMOCD Incident # nAPP2424846665

[Use caution with links/attachments]

RE: Incident #NAPP2424846665

Thomas,

OCD Permitting has been revamped recently and automatically defaults to 90 days for a Remediation Closure Report Extension, which this appears to be. An extension to **March 3rd, 2025** is approved. Please include this e-mail correspondence in the Remediation Closure Report.

Robert Hamlet • Environmental Specialist - Advanced Environmental Bureau

EMNRD - Oil Conservation Division 506 W. Texas Ave.| Artesia, NM 88210 575.909.0302 | robert.hamlet@emnrd.nm.gov http://www.emnrd.state.nm.us/OCD/



From: Long, Thomas <<u>tjlong@eprod.com</u>>

Sent: Monday, December 2, 2024 8:45 AM

To: Velez, Nelson, EMNRD <<u>Nelson.Velez@emnrd.nm.gov</u>>; Hamlet, Robert, EMNRD

<<u>Robert.Hamlet@emnrd.nm.gov</u>>

Cc: Stone, Brian <<u>bmstone@eprod.com</u>>

Subject: [EXTERNAL] Lateral 2C-89 -UL F Section 6 T24N R6W;36.345210, -107.513480; 36.85498,-108.11931; NMOCD Incident # nAPP2424846665

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

Nelson/Robert,

This email is a variance request for the 90-day closure report requirement submittal for the <u>Lateral</u> <u>2C-89</u> - UL F Section 6 T24N R6W;36.345210, -107.513480; NMOCD Incident # nAPP2424846665 release. The original due date for the closure report submittal is <u>December 5, 2024</u>. Enterprise requests time extension of an additional **30 days** for a new submittal due date of <u>January 5, 2025</u>. The reason for the time extension request is that third party contractor preparing the report does not have all the disposal documentation from the land farm facility and Enterprise internal review is required. Please acknowledge acceptance of this request.

Thomas J. Long Senior Environmental Scientist Enterprise Products Company 614 Reilly Ave. Farmington, New Mexico 87401 505-599-2286 (office) 505-215-4727 (Cell) tjlong@eprod.com



This message (including any attachments) is confidential and intended for a specific individual and purpose. If you are not the intended recipient, please notify the sender immediately and delete this message.



APPENDIX F

Table 1 – Soil Analytical Summary

Released to Imaging: 3/4/2025 8:55:21 AM

ENSOLUM

Sample I.D.	Date	Comple Tune				SOIL AN	2C-89 (09/05) ALYTICAL SUM						
		C- Composite G - Grab	Sample Depth (feet)	Benzene (mg/kg)	Ethylbenzene (mg/kg)	Toluene (mg/kg)	Xylenes (mg/kg)	Total BTEX ¹ (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total Combined TPH (GRO/DRO/MRO) ¹ (mg/kg)	Chloride (mg/kg)
	Depar	ision Closure C		10	NE	NE	NE	50	NE	NE	NE	100	600
					Co	mposite Soil Sa	mples Remove	d by Excavation					
S-1	09.16.24	С	6	140	380	1,200	1,100	2,800	16,000	5,100	7,400	29,000	110
S-2	09.16.24	С	6	130	380	1,100	1,100	2,700	15,000	4,000	4,500	24,000	83
S-3	09.16.24	С	0 to 6	6.2	100	170	310	590	2,700	370	520	3,600	<60
S-4	09.16.24	С	0 to 6	<0.99	8.4	14	25	47	240	36	<48	280	<60
S-5	09.16.24	С	0 to 6	<0.97	9.0	15	27	51	220	91	76	390	<60
						Excavation 0	Composite Soil	Samples					
S-6	09.17.24	С	11	<0.020	<0.039	<0.039	<0.079	ND	<3.9	<9.6	<48	ND	<60
S-7	09.17.24	С	11	<0.019	<0.038	<0.038	<0.075	ND	<3.8	<9.6	<48	ND	<60
S-8	09.17.24	С	11	<0.026	<0.052	<0.052	<0.10	ND	<5.2	<9.7	<48	ND	<60
S-9	09.17.24	С	8	<0.021	<0.042	<0.042	<0.084	ND	<4.2	<9.8	<49	ND	<60
S-10	09.17.24	С	8	<0.019	<0.039	<0.039	<0.077	ND	<3.9	<9.3	<47	ND	<60
S-11	09.17.24	С	0 to 11	<0.025	<0.050	<0.050	<0.10	ND	<5.0	<9.4	<47	ND	<60
S-12	09.17.24	С	0 to 11	<0.018	<0.036	<0.036	<0.072	ND	<3.6	<9.5	<48	ND	<60
S-13	09.17.24	С	0 to 8	<0.018	<0.036	<0.036	<0.072	ND	<3.6	<9.7	<49	ND	<60
S-14	09.17.24	С	0 to 8	<0.023	<0.046	<0.046	<0.092	ND	<4.6	<9.5	<47	ND	<60
S-15	09.17.24	С	0 to 8	<0.022	<0.043	<0.043	<0.087	ND	<4.3	<9.2	<46	ND	<60
S-16	09.17.24	С	0 to 11	<0.018	<0.035	<0.035	<0.070	ND	<3.5	<9.5	<48	ND	<60
S-17	09.17.24	С	0 to 11	<0.023	<0.046	<0.046	<0.091	ND	<4.6	<9.5	<48	ND	<60
S-18	09.26.24	С	12	<0.016	<0.032	<0.032	<0.063	ND	<3.2	<9.8	<49	ND	<60
S-19	09.26.24	С	12	<0.017	<0.033	<0.033	<0.067	ND	<3.3	<9.5	<47	ND	<60
S-20	09.26.24	С	0 to 12	<0.020	<0.041	<0.041	<0.081	ND	<4.1	<9.6	<48	ND	<60
S-21	09.26.24	С	0 to 12	<0.016	<0.031	<0.031	<0.062	ND	<3.1	<9.4	<47	ND	<60
S-22	09.26.24	С	0 to 12	<0.021	<0.042	<0.042	<0.084	ND	<4.2	<9.6	<48	ND	<60
S-23	09.26.24	С	0 to 12	<0.018	<0.037	<0.037	<0.074	ND	<3.7	<9.8	<49	ND	<60
S-24	09.26.24	С	0 to 12	<0.019	<0.039	<0.039	<0.078	ND	<3.9	<9.3	<47	ND	<60
S-25	09.26.24	С	0 to 12	<0.022	<0.043	<0.043	<0.087	ND	<4.3	<10	<50	ND	<60
						Backfill Co	omposite Soil S	ample					
BF-1	01.23.25	С	BF	<0.019	<0.039	<0.039	<0.077	ND	<3.9	<9.8	<49	ND	<60

Note: Concentrations in **bold** and yellow exceed the applicable NM EMNRD Closure Criteria

¹ = Total combined concentrations are rounded to two (2) significant figures to match the laboratory resolution of the individual constituents.

ND = Not Detected above the Practical Quantitation Limits (PQLs) or Reporting Limits (RLs)

NE = Not established

NS = Not sampled

mg/kg = milligrams per kilogram

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes

TPH = Total Petroleum Hydrocarbons

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

MRO = Motor Oil/Lube Oil Range Organics

BF = Backfilled sample



APPENDIX G

Laboratory Data Sheets & Chain of Custody Documentation

Released to Imaging: 3/4/2025 8:55:21 AM

Received by OCD: 3/3/2025 7:32:59 AM



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Kyle Summers Ensolum 606 S Rio Grande Suite A Aztec, New Mexico 87410 Generated 9/23/2024 1:29:24 PM

JOB DESCRIPTION

Angel Peak 2C-89

JOB NUMBER

885-11897-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109





Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization

urel

Authorized for release by John Caldwell, Project Manager john.caldwell@et.eurofinsus.com (505)345-3975 Generated 9/23/2024 1:29:24 PM

Laboratory Job ID: 885-11897-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	11
QC Association Summary	14
Lab Chronicle	16
Certification Summary	18
Chain of Custody	19
Receipt Checklists	20

Percent Recovery

Contains Free Liquid

Colony Forming Unit

Dilution Factor

Contains No Free Liquid

Detection Limit (DoD/DOE)

Estimated Detection Limit (Dioxin)

Limit of Detection (DoD/DOE)

Method Detection Limit

Minimum Level (Dioxin)

Most Probable Number

Not Calculated

Negative / Absent

Positive / Present Practical Quantitation Limit

Presumptive

Quality Control

Method Quantitation Limit

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

Limit of Quantitation (DoD/DOE)

Duplicate Error Ratio (normalized absolute difference)

Decision Level Concentration (Radiochemistry)

EPA recommended "Maximum Contaminant Level"

Minimum Detectable Concentration (Radiochemistry)

Not Detected at the reporting limit (or MDL or EDL if shown)

Minimum Detectable Activity (Radiochemistry)

Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

%R

CFL

CFU

CNF

DER

DL

DLC

EDL

LOD

LOQ

MCL MDA

MDC

MDL

MPN

MQL

NC

ND

NEG

POS

PQL PRES

OC

RER

RPD

TEF

TEQ

TNTC

RL

ML

Dil Fac

DL, RA, RE, IN

Client: Ensolu	ım Job ID: 885-11897-1	
Project/Site: A	Angel Peak 2C-89	
Qualifiers		3
GC VOA		
Qualifier	Qualifier Description	
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not	
	applicable.	5
S1+	Surrogate recovery exceeds control limits, high biased.	
GC Semi VO	A	
Qualifier	Qualifier Description	
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a	
	dilution may be flagged with a D.	
S1-	Surrogate recovery exceeds control limits, low biased.	0
HPLC/IC		Ō
Qualifier	Qualifier Description	
F1	MS and/or MSD recovery exceeds control limits.	9
Glossary		
Abbreviation	These commonly used abbreviations may or may not be present in this report.	
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis	

Case Narrative

Job ID: 885-11897-1

Eurofins Albuquerque

Page 54 of 151

Job Narrative 885-11897-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 9/17/2024 7:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.1°C.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

Method 8015D DRO: The following samples required a dilution due to the nature of the sample matrix: S-1 (885-11897-1) and S-2 (885-11897-2). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

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

HPLC/IC

Method 300_OF_28D_PREC: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-12383 and analytical batch 885-12410 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Eurofins Albuquerque

5

Job ID: 885-11897-1

Lab Sample ID: 885-11897-1 Matrix: Solid

Date Collected: 09/16/24 09:00 Date Received: 09/17/24 07:15

Client Sample ID: S-1

Project/Site: Angel Peak 2C-89

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 -	16000		1500	mg/Kg		09/17/24 09:31	09/17/24 14:15	500
C10]								
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145		35 - 166			09/17/24 09:31	09/17/24 14:15	500
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)	l.					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	140		7.4	mg/Kg		09/17/24 09:31	09/17/24 14:15	500
Ethylbenzene	380		15	mg/Kg		09/17/24 09:31	09/17/24 14:15	500
Toluene	1200		15	mg/Kg		09/17/24 09:31	09/17/24 14:15	500
Xylenes, Total	1100		29	mg/Kg		09/17/24 09:31	09/17/24 14:15	500
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		48 - 145			09/17/24 09:31	09/17/24 14:15	500
Method: SW846 8015M/D - Diese	I Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	5100		90	mg/Kg		09/17/24 09:02	09/17/24 10:54	10
Motor Oil Range Organics [C28-C40]	7400		450	mg/Kg		09/17/24 09:02	09/17/24 10:54	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	0	S1- D	62 - 134			09/17/24 09:02	09/17/24 10:54	10
Method: EPA 300.0 - Anions, Ion	Chromatograp	ohy						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110	E4	60	mg/Kg		09/17/24 10:01	09/17/24 11:39	20

Released to Imaging: 3/4/2025 8:55:21 AM

Job ID: 885-11897-1

Lab Sample ID: 885-11897-2 Matrix: Solid

Date Collected: 09/16/24 09:05 Date Received: 09/17/24 07:15

Client Sample ID: S-2

Project/Site: Angel Peak 2C-89

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 -	15000		1500	mg/Kg		09/17/24 09:31	09/17/24 14:37	500
C10]								
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147		35 - 166			09/17/24 09:31	09/17/24 14:37	500
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC))					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	130		7.5	mg/Kg		09/17/24 09:31	09/17/24 14:37	500
Ethylbenzene	380		15	mg/Kg		09/17/24 09:31	09/17/24 14:37	500
Toluene	1100		15	mg/Kg		09/17/24 09:31	09/17/24 14:37	500
Xylenes, Total	1100		30	mg/Kg		09/17/24 09:31	09/17/24 14:37	500
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		48 - 145			09/17/24 09:31	09/17/24 14:37	500
Method: SW846 8015M/D - Diese	I Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	4000		96	mg/Kg		09/17/24 09:02	09/17/24 11:35	10
Motor Oil Range Organics [C28-C40]	4500		480	mg/Kg		09/17/24 09:02	09/17/24 11:35	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	0	S1- D	62 - 134			09/17/24 09:02	09/17/24 11:35	10
Method: EPA 300.0 - Anions, Ion	Chromatograp	ohy						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83		60	mg/Kg		09/17/24 10:01	09/17/24 11:54	20

Job ID: 885-11897-1

Matrix: Solid

Lab Sample ID: 885-11897-3

Client Sample ID: S-3 Date Collected: 09/16/24 09:10

Project/Site: Angel Peak 2C-89

Client: Ensolum

Date Received: 09/17/24 07:15

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 -	2700		170	mg/Kg		09/17/24 09:31	09/17/24 12:48	50
C10]								
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	245	S1+	35 - 166			09/17/24 09:31	09/17/24 12:48	50
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC))					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	6.2		0.85	mg/Kg		09/17/24 09:31	09/17/24 12:48	50
Ethylbenzene	100		1.7	mg/Kg		09/17/24 09:31	09/17/24 12:48	50
Toluene	170		1.7	mg/Kg		09/17/24 09:31	09/17/24 12:48	50
Xylenes, Total	310		3.4	mg/Kg		09/17/24 09:31	09/17/24 12:48	50
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	154	S1+	48 - 145			09/17/24 09:31	09/17/24 12:48	50
- Method: SW846 8015M/D - Diese	el Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	370		9.7	mg/Kg		09/17/24 09:02	09/17/24 12:27	1
Motor Oil Range Organics	520		48	mg/Kg		09/17/24 09:02	09/17/24 12:27	1
[C28-C40]								
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	95		62 - 134			09/17/24 09:02	09/17/24 12:27	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	ony						
- Method: EPA 300.0 - Anions, Ion Analyte	· · ·	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

Job ID: 885-11897-1

Lab Sample ID: 885-11897-4 Matrix: Solid

Date Collected: 09/16/24 09:15 Date Received: 09/17/24 07:15

Client Sample ID: S-4

Project/Site: Angel Peak 2C-89

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	240		200	mg/Kg		09/17/24 09:31	09/17/24 13:09	50
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			35 - 166			09/17/24 09:31	09/17/24 13:09	50
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC))					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.99	mg/Kg		09/17/24 09:31	09/17/24 13:09	50
Ethylbenzene	8.4		2.0	mg/Kg		09/17/24 09:31	09/17/24 13:09	50
Toluene	14		2.0	mg/Kg		09/17/24 09:31	09/17/24 13:09	50
Xylenes, Total	25		4.0	mg/Kg		09/17/24 09:31	09/17/24 13:09	50
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		48 - 145			09/17/24 09:31	09/17/24 13:09	50
Method: SW846 8015M/D - Diese	l Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	36		9.6	mg/Kg		09/17/24 09:02	09/17/24 13:09	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		09/17/24 09:02	09/17/24 13:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	96		62 - 134			09/17/24 09:02	09/17/24 13:09	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	ohy						
	Desult	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	Result	Quaimer	RL	Unit	U	Flepaleu	Analyzeu	DIFAC

Job ID: 885-11897-1

Lab Sample ID: 885-11897-5 Matrix: Solid

Date Collected: 09/16/24 09:20 Date Received: 09/17/24 07:15

Client Sample ID: S-5

Project/Site: Angel Peak 2C-89

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 -	220		190	mg/Kg		09/17/24 09:31	09/17/24 13:31	50
C10]								
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		35 - 166			09/17/24 09:31	09/17/24 13:31	50
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)	l.					
Analyte	• •	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.97	mg/Kg		09/17/24 09:31	09/17/24 13:31	50
Ethylbenzene	9.0		1.9	mg/Kg		09/17/24 09:31	09/17/24 13:31	50
Toluene	15		1.9	mg/Kg		09/17/24 09:31	09/17/24 13:31	50
Xylenes, Total	27		3.9	mg/Kg		09/17/24 09:31	09/17/24 13:31	50
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		48 - 145			09/17/24 09:31	09/17/24 13:31	50
Method: SW846 8015M/D - Diese	l Range Organ	ics (DRO) (GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	91		9.8	mg/Kg		09/17/24 09:02	09/17/24 13:30	1
Motor Oil Range Organics	76		49	mg/Kg		09/17/24 09:02	09/17/24 13:30	1
[C28-C40]								
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134			09/17/24 09:02	09/17/24 13:30	1
()								
	Chromatograp	ohy						
Method: EPA 300.0 - Anions, Ion Analyte	• •	o <mark>hy</mark> Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

Released to Imaging: 3/4/2025 8:55:21 AM

QC Sample Results

Job ID: 885-11897-1

Client: Ensolum Project/Site: Angel Peak 2C-89

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-12359/1	I-A								Client Sa	mple ID: Metho	
Matrix: Solid										Prep Type:	Fotal/N
Analysis Batch: 12418										Prep Batc	h: 1235
	MB	MB									
Analyte	Result	Qualifier	RL		Unit		D	Pi	repared	Analyzed	Dil Fa
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/K	g		09/1	7/24 09:31	09/17/24 11:20	
	МВ	МВ									
Surrogate	%Recovery	Qualifier	Limits					PI	repared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	108		35 - 166					09/1	7/24 09:31	09/17/24 11:20	
Lab Sample ID: LCS 885-12359/	/2-A						С	lient	Sample I	D: Lab Control	Sampl
Matrix: Solid										Prep Type:	
Analysis Batch: 12418										Prep Batc	
			Spike	LCS	LCS					• %Rec	
Analyte			Added	Result	Qualifier	Unit		D	%Rec	Limits	
Gasoline Range Organics [C6 -			25.0	26.3		mg/Kg		_	105	70 - 130	
C10]						5.5					
	LCS LCS	;									
Surrogate	%Recovery Qua	lifier	Limits								
	000		35 - 166								
lethod: 8021B - Volatile Or Lab Sample ID: MB 885-12359/1		ounds (C							Client Sa	mple ID: Metho Prep Type: ⁻	
lethod: 8021B - Volatile Or Lab Sample ID: MB 885-12359/1 Matrix: Solid	rganic Compo I-A								Client Sa		Fotal/N
4-Bromofluorobenzene (Surr) lethod: 8021B - Volatile Or Lab Sample ID: MB 885-12359/1 Matrix: Solid Analysis Batch: 12419	rganic Compo I-A MB	МВ	GC)		Unit					Prep Type: Prep Batcl	Total/N h: 1235
lethod: 8021B - Volatile Or Lab Sample ID: MB 885-12359/1 Matrix: Solid Analysis Batch: 12419 Analyte	rganic Compo I-A MB Result	MB Qualifier	GC)		Unit ma/K		D	Pi	repared	Prep Type: Prep Batc Analyzed	Total/N h: 1235 Dil Fa
lethod: 8021B - Volatile Or Lab Sample ID: MB 885-12359/1 Matrix: Solid Analysis Batch: 12419 Analyte Benzene	rganic Compo I-A MB Result ND	MB Qualifier	GC) 		mg/K	-	<u>D</u>	P i 09/1	repared 7/24 09:31	Prep Type: Prep Batch Analyzed 09/17/24 11:20	Total/N/ h: 1235 Dil Fa
lethod: 8021B - Volatile Or Lab Sample ID: MB 885-12359/1 Matrix: Solid Analysis Batch: 12419 Analyte Benzene Ethylbenzene	rganic Compo I-A 	MB Qualifier	GC) RL 0.025 0.050		mg/Kg mg/Kg	g	<u>D</u>	P r 09/1 09/1	repared 7/24 09:31 7/24 09:31	Analyzed 09/17/24 11:20 09/17/24 11:20	Total/N/ h: 1235 Dil Fa
lethod: 8021B - Volatile Or Lab Sample ID: MB 885-12359/1 Matrix: Solid Analysis Batch: 12419 Analyte Benzene	rganic Compo I-A MB Result ND	MB Qualifier	GC) 		mg/K	- g g	<u>D</u>	P 1 09/1 09/1 09/1	repared 7/24 09:31	Prep Type: Prep Batch Analyzed 09/17/24 11:20	Total/N h: 1235 Dil Fa
Iethod: 8021B - Volatile Or Lab Sample ID: MB 885-12359/1 Matrix: Solid Analysis Batch: 12419 Analyte Benzene Ethylbenzene Toluene	rganic Compo I-A 	MB Qualifier	BC) 		mg/Ky mg/Ky mg/Ky	- g g	<u>D</u>	P 1 09/1 09/1 09/1	repared 7/24 09:31 7/24 09:31 7/24 09:31	Analyzed 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20	Total/N h: 1235 Dil Fa
Iethod: 8021B - Volatile Or Lab Sample ID: MB 885-12359/1 Matrix: Solid Analysis Batch: 12419 Analyte Benzene Ethylbenzene Toluene Xylenes, Total	rganic Compo I-A MB Result ND ND ND ND ND ND ND	MB Qualifier MB	BC) 		mg/Ky mg/Ky mg/Ky	- g g	<u>D</u>	P 1 09/1 09/1 09/1 09/1	repared 7/24 09:31 7/24 09:31 7/24 09:31 7/24 09:31	Prep Type: Prep Batcl 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20	Total/N/ h: 1235
Iethod: 8021B - Volatile Or Lab Sample ID: MB 885-12359/1 Matrix: Solid Analysis Batch: 12419 Analyte Benzene Ethylbenzene Toluene	rganic Compo I-A 	MB Qualifier MB Qualifier	BC) 		mg/Ky mg/Ky mg/Ky	- g g	<u>D</u>	P i 09/1 09/1 09/1 09/1 P i	repared 7/24 09:31 7/24 09:31 7/24 09:31	Analyzed 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20	Total/N. h: 1235
Iethod: 8021B - Volatile Or Lab Sample ID: MB 885-12359/1 Matrix: Solid Analysis Batch: 12419 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr)	rganic Compo I-A MB Result ND ND ND ND ND ND ND ND ND ND ND ND	MB Qualifier MB Qualifier	BC) RL 0.025 0.050 0.050 0.10 Limits		mg/Ky mg/Ky mg/Ky	- g g	_	Pi 09/1 09/1 09/1 09/1 Pi 09/1	repared 7/24 09:31 7/24 09:31 7/24 09:31 7/24 09:31 repared 7/24 09:31	Analyzed 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20	Total/N h: 1235
Iethod: 8021B - Volatile Or Lab Sample ID: MB 885-12359/1 Matrix: Solid Analysis Batch: 12419 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate	rganic Compo I-A MB Result ND ND ND ND ND ND ND ND ND ND ND ND	MB Qualifier MB Qualifier	BC) RL 0.025 0.050 0.050 0.10 Limits		mg/Ky mg/Ky mg/Ky	- g g	_	Pi 09/1 09/1 09/1 09/1 Pi 09/1	repared 7/24 09:31 7/24 09:31 7/24 09:31 7/24 09:31 repared 7/24 09:31	Prep Type: Prep Batcl 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 Analyzed 09/17/24 11:20 Columnation	Total/N/ h: 1235 Dil Fa Sampl
Iethod: 8021B - Volatile Or Lab Sample ID: MB 885-12359/1 Matrix: Solid Analysis Batch: 12419 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) Lab Sample ID: LCS 885-12359/	rganic Compo I-A MB Result ND ND ND ND ND ND ND ND ND ND ND ND	MB Qualifier MB Qualifier	BC) RL 0.025 0.050 0.050 0.10 Limits		mg/Ky mg/Ky mg/Ky	- g g	_	Pi 09/1 09/1 09/1 09/1 Pi 09/1	repared 7/24 09:31 7/24 09:31 7/24 09:31 7/24 09:31 repared 7/24 09:31	Analyzed 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20	Total/N/ h: 1235
Iethod: 8021B - Volatile Or Lab Sample ID: MB 885-12359/1 Matrix: Solid Analysis Batch: 12419 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) Lab Sample ID: LCS 885-12359/ Matrix: Solid	rganic Compo I-A MB Result ND ND ND ND ND ND ND ND ND ND ND ND	MB Qualifier MB Qualifier	BC) RL 0.025 0.050 0.050 0.10 Limits	LCS	mg/Ky mg/Ky mg/Ky	- g g	_	Pi 09/1 09/1 09/1 09/1 Pi 09/1	repared 7/24 09:31 7/24 09:31 7/24 09:31 7/24 09:31 repared 7/24 09:31	Analyzed 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 D: Lab Control Prep Type:	Total/N/ h: 1235
Iethod: 8021B - Volatile Or Lab Sample ID: MB 885-12359/1 Matrix: Solid Analysis Batch: 12419 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) Lab Sample ID: LCS 885-12359/ Matrix: Solid	rganic Compo I-A MB Result ND ND ND ND ND ND ND ND ND ND ND ND	MB Qualifier MB Qualifier	BC) RL 0.025 0.050 0.050 0.10 Limits 48 - 145		mg/K mg/K mg/K	- g g	_	Pi 09/1 09/1 09/1 09/1 Pi 09/1	repared 7/24 09:31 7/24 09:31 7/24 09:31 7/24 09:31 repared 7/24 09:31	Analyzed 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 Prep Type: Prep Type: Prep Batc	Total/N. h: 1235
Iethod: 8021B - Volatile Or Lab Sample ID: MB 885-12359/1 Matrix: Solid Analysis Batch: 12419 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) Lab Sample ID: LCS 885-12359/ Matrix: Solid Analysis Batch: 12419	rganic Compo I-A MB Result ND ND ND ND ND ND ND ND ND ND ND ND	MB Qualifier MB Qualifier	C) RL 0.025 0.050 0.050 0.10 Limits 48 - 145 Spike		mg/K mg/K mg/K mg/K	9	_	Pi 09/1 09/1 09/1 09/1 <i>Pi</i> 09/1	repared 7/24 09:31 7/24 09:31 7/24 09:31 7/24 09:31 repared 7/24 09:31 Sample I	Analyzed 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 D: Lab Control Prep Type: Prep Batcl %Rec	Total/N/ h: 1235
Iethod: 8021B - Volatile Or Lab Sample ID: MB 885-12359/1 Matrix: Solid Analysis Batch: 12419 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) Lab Sample ID: LCS 885-12359/ Matrix: Solid Analysis Batch: 12419 Analyte	rganic Compo I-A MB Result ND ND ND ND ND ND ND ND ND ND ND ND	MB Qualifier MB Qualifier	C) RL 0.025 0.050 0.050 0.10 Limits 48 - 145 Spike Added	Result	mg/K mg/K mg/K mg/K	Unit mg/Kg	_	Pi 09/1 09/1 09/1 09/1 <i>Pi</i> 09/1	repared 7/24 09:31 7/24 09:31 7/24 09:31 7/24 09:31 7/24 09:31 7/24 09:31 Sample I %Rec	Analyzed 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 D: Lab Control Prep Type: Prep Batcl %Rec Limits	Total/N/ h: 1235
Iethod: 8021B - Volatile Or Lab Sample ID: MB 885-12359/1 Matrix: Solid Analysis Batch: 12419 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) Lab Sample ID: LCS 885-12359/ Matrix: Solid Analysis Batch: 12419 Analyte Benzene	rganic Compo I-A MB Result ND ND ND ND ND ND ND ND ND ND ND ND	MB Qualifier MB Qualifier	BC) RL 0.025 0.050 0.050 0.10 Limits 48 - 145 Spike Added 1.00	Result 1.01	mg/K mg/K mg/K mg/K	Unit	_	Pi 09/1 09/1 09/1 09/1 <i>Pi</i> 09/1	repared 7/24 09:31 7/24 09:31 7/24 09:31 7/24 09:31 repared 7/24 09:31 Sample I %Rec 101	Analyzed 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 09/17/24 11:20 Description 09/17/24 11:20 09/17/24 11:20 Description 09/17/24 11:20 Description Prep Type: Prep Batch %Rec Limits 70 - 130	Total/N/ h: 12355

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		48 _ 145

QC Sample Results

Client: Ensolum Project/Site: Angel Peak 2C-89

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

ab Sample ID: 885-11897-1	MS								Client S	ample I	D: S-1
Matrix: Solid										ype: To	
Analysis Batch: 12419										Batch:	12359
		Sample	Spike		MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	140		0.590	409	4	mg/Kg		45325	70 - 130		
Ethylbenzene	380		0.590	606	4	mg/Kg		38550	70 - 130		
Toluene	1200		0.590	1250	4	mg/Kg		14800	70 - 130		
Kylenes, Total	1100		1.77	1770	4	mg/Kg		38783	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)			48 - 145								
Lab Cample ID: 005 44007 4	MOD								Oliont O		D. 0.4
Lab Sample ID: 885-11897-1	MSD								Client S		
Matrix: Solid										ype: To	
Analysis Batch: 12419										Batch:	
		Sample	Spike		MSD				%Rec		RPD
Analyte		Qualifier	Added		Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	140		0.590	407	4	mg/Kg		45050	70 - 130	0	20
Ethylbenzene	380		0.590	605	4	mg/Kg		38350	70 - 130	0	20
Toluene	1200		0.590	1250	4	mg/Kg		14500	70 - 130	0	20
Xylenes, Total	1100		1.77	1770	4	mg/Kg		38758	70 - 130	0	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	114		48 - 145								

Metho

Lab Sample ID: MB 885-12356/1-A Matrix: Solid Analysis Batch: 12346								Clier	nt Sa	mple ID: Metho Prep Type: ⁻ Prep Batcl	Fotal/NA
Australia	-	AB MB			11			D		A	D!! 5
Analyte		ult Qualifi			Unit		D	Prepare		Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	I	ND	10)	mg/K	g	(09/17/24 09	9:02	09/17/24 10:33	1
Motor Oil Range Organics [C28-C40]	I	ND	50)	mg/K	g	(09/17/24 09	9:02	09/17/24 10:33	1
	I	IB MB									
Surrogate	%Recov	ery Qualifi	er Limits					Prepare	d	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)		85	62 - 134	-				09/17/24 0	9:02	09/17/24 10:33	1
	x						Cli	ent Sam	ple I	D: Lab Control	Sample
Matrix: Solid										Prep Type: ⁻	Total/NA
Analysis Batch: 12346										Prep Batcl	
			Spike	LCS	LCS					%Rec	
Analyte			Added	Result	Qualifier	Unit		D %Re	C	Limits	
Diesel Range Organics			50.0	43.7		mg/Kg		8	7	60 - 135	
[C10-C28]											
	LCS L	cs									
Surrogate %	Recovery (ualifier	Limits								
Di-n-octyl phthalate (Surr)	94		62 - 134								

Page 61 of 151

Eurofins Albuquerque

QC Sample Results

Job ID: 885-11897-1

Client: Ensolum Project/Site: Angel Peak 2C-89

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-12383/1-A Matrix: Solid									Client S	Sample ID: Met Prep Type		
Analysis Batch: 12410										Prep Ba	tcn:	12303
	_	MB MB						_				
Analyte	R	esult Qualifier		RL		Unit		<u>D</u>	Prepared	Analyzed		Dil Fa
Chloride		ND		3.0		mg/Kg		09	9/17/24 10:0	1 09/17/24 10:3	9	
Lab Sample ID: LCS 885-12383/2-A								Clie	nt Sample	e ID: Lab Contr	ol Sa	ample
Matrix: Solid										Ргер Туре	: Tot	tal/N/
Analysis Batch: 12410										Prep Ba		
-			Spike	LC	S LCS					• %Rec		
Analyte			Added	Resu	lt Quali	ifier	Unit	0	0 %Rec	Limits		
Chloride			30.0	29.	7		mg/Kg		99	90 - 110		
Lab Sample ID: 885-11897-1 MS										Client Sam	ple II	D: S-'
Matrix: Solid										Prep Type		
Analysis Batch: 12410										Prep Ba		
	Sample	Sample	Spike	м	S MS					%Rec		
Analyte	Result	Qualifier	Added	Resu	lt Quali	ifier	Unit	0	0 %Rec	Limits		
Chloride	110	F1	30.1	11	9 F1		mg/Kg		36	50 _ 150		
Lab Sample ID: 885-11897-1 MSD										Client Sam	ple II	D: S-
Matrix: Solid										Prep Type		
Analysis Batch: 12410										Prep Ba		
-	Sample	Sample	Spike	MS	D MSD					%Rec		RPI
Analyte	Result	Qualifier	Added	Resu	it Quali	ifier	Unit	0	0 %Rec	Limits F	RPD	Limi
Chloride	110	F1	30.1	13	0		mg/Kg		70	50 - 150	8	2

Eurofins Albuquerque

Client Sample ID

S-1

S-2

S-3

S-4

S-5

S-1

S-1

Method Blank

Lab Control Sample

Lab Control Sample

QC Association Summary

Prep Type

Total/NA

Client: Ensolum Project/Site: Angel Peak 2C-89

GC VOA

885-11897-1

885-11897-2

885-11897-3

885-11897-4

885-11897-5

MB 885-12359/1-A

LCS 885-12359/2-A

LCS 885-12359/3-A

885-11897-1 MS

885-11897-1 MSD

Prep Batch: 12359

Prep Batch

Job ID: 885-11897-1

Method

5035

5035

5035

5035

5035

5035

5035

5035

5035

5035

Matrix

Solid

_	
	5
	7
	8

9 10

Analysis Batch: 12418

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
885-11897-1	S-1	Total/NA	Solid	8015M/D	12359
885-11897-2	S-2	Total/NA	Solid	8015M/D	12359
885-11897-3	S-3	Total/NA	Solid	8015M/D	12359
885-11897-4	S-4	Total/NA	Solid	8015M/D	12359
885-11897-5	S-5	Total/NA	Solid	8015M/D	12359
MB 885-12359/1-A	Method Blank	Total/NA	Solid	8015M/D	12359
LCS 885-12359/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	12359

Analysis Batch: 12419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11897-1	S-1	Total/NA	Solid	8021B	12359
885-11897-2	S-2	Total/NA	Solid	8021B	12359
885-11897-3	S-3	Total/NA	Solid	8021B	12359
885-11897-4	S-4	Total/NA	Solid	8021B	12359
885-11897-5	S-5	Total/NA	Solid	8021B	12359
MB 885-12359/1-A	Method Blank	Total/NA	Solid	8021B	12359
LCS 885-12359/3-A	Lab Control Sample	Total/NA	Solid	8021B	12359
885-11897-1 MS	S-1	Total/NA	Solid	8021B	12359
885-11897-1 MSD	S-1	Total/NA	Solid	8021B	12359

GC Semi VOA

Analysis Batch: 12346

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
885-11897-1	S-1	Total/NA	Solid	8015M/D	12356
885-11897-2	S-2	Total/NA	Solid	8015M/D	12356
885-11897-3	S-3	Total/NA	Solid	8015M/D	12356
885-11897-4	S-4	Total/NA	Solid	8015M/D	12356
885-11897-5	S-5	Total/NA	Solid	8015M/D	12356
MB 885-12356/1-A	Method Blank	Total/NA	Solid	8015M/D	12356
LCS 885-12356/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	12356

Prep Batch: 12356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep Batch	
885-11897-1	S-1	Total/NA	Solid	SHAKE	
885-11897-2	S-2	Total/NA	Solid	SHAKE	
885-11897-3	S-3	Total/NA	Solid	SHAKE	
885-11897-4	S-4	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

Released to Imaging: 3/4/2025 8:55:21 AM

Client Sample ID

Lab Control Sample

Method Blank

S-5

Project/Site: Angel Peak 2C-89 GC Semi VOA (Continued) Prep Batch: 12356 (Continued)

QC Association Summary

Prep Type

Total/NA

Total/NA

Total/NA

Matrix

Solid

Solid

Solid

Page 64 of 151

Job ID: 885-11897-1

1 2 3 4 5 6 7 8 9 10 11

Method Prep Batch
SHAKE
SHAKE
SHAKE

HPLC/IC

Lab Sample ID

MB 885-12356/1-A

LCS 885-12356/2-A

885-11897-5

Client: Ensolum

Prep	Bato	:h: 1	2383

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch	
885-11897-1	S-1	Total/NA	Solid	300_Prep		
885-11897-2	S-2	Total/NA	Solid	300_Prep		
885-11897-3	S-3	Total/NA	Solid	300_Prep		
885-11897-4	S-4	Total/NA	Solid	300_Prep		
885-11897-5	S-5	Total/NA	Solid	300_Prep		
MB 885-12383/1-A	Method Blank	Total/NA	Solid	300_Prep		
LCS 885-12383/2-A	Lab Control Sample	Total/NA	Solid	300_Prep		
885-11897-1 MS	S-1	Total/NA	Solid	300_Prep		
885-11897-1 MSD	S-1	Total/NA	Solid	300_Prep		

Analysis Batch: 12410

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
885-11897-1	S-1	Total/NA	Solid	300.0	12383
885-11897-2	S-2	Total/NA	Solid	300.0	12383
885-11897-3	S-3	Total/NA	Solid	300.0	12383
885-11897-4	S-4	Total/NA	Solid	300.0	12383
885-11897-5	S-5	Total/NA	Solid	300.0	12383
MB 885-12383/1-A	Method Blank	Total/NA	Solid	300.0	12383
LCS 885-12383/2-A	Lab Control Sample	Total/NA	Solid	300.0	12383
885-11897-1 MS	S-1	Total/NA	Solid	300.0	12383
885-11897-1 MSD	S-1	Total/NA	Solid	300.0	12383

Job ID: 885-11897-1

Lab Sample ID: 885-11897-1

Client Sample ID: S-1 Date Collected: 09/16/24 09:00 Date Received: 09/17/24 07:15

Project/Site: Angel Peak 2C-89

Client: Ensolum

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			12359	AT	EET ALB	09/17/24 09:31
Total/NA	Analysis	8015M/D		500	12418	AT	EET ALB	09/17/24 14:15
Total/NA	Prep	5035			12359	AT	EET ALB	09/17/24 09:31
Total/NA	Analysis	8021B		500	12419	AT	EET ALB	09/17/24 14:15
Total/NA	Prep	SHAKE			12356	EM	EET ALB	09/17/24 09:02
Total/NA	Analysis	8015M/D		10	12346	EM	EET ALB	09/17/24 10:54
Total/NA	Prep	300_Prep			12383	EH	EET ALB	09/17/24 10:01
Total/NA	Analysis	300.0		20	12410	EH	EET ALB	09/17/24 11:39

Lab Sample ID: 885-11897-2

Lab Sample ID: 885-11897-3

Lab Sample ID: 885-11897-4

Matrix: Solid

Matrix: Solid

Client Sample ID: S-2

Date Collected: 09/16/24 09:05 Date Received: 09/17/24 07:15

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			12359	AT	EET ALB	09/17/24 09:31
Total/NA	Analysis	8015M/D		500	12418	AT	EET ALB	09/17/24 14:37
Total/NA	Prep	5035			12359	AT	EET ALB	09/17/24 09:31
Total/NA	Analysis	8021B		500	12419	AT	EET ALB	09/17/24 14:37
Total/NA	Prep	SHAKE			12356	EM	EET ALB	09/17/24 09:02
Total/NA	Analysis	8015M/D		10	12346	EM	EET ALB	09/17/24 11:35
Total/NA	Prep	300_Prep			12383	EH	EET ALB	09/17/24 10:01
Total/NA	Analysis	300.0		20	12410	EH	EET ALB	09/17/24 11:54

Client Sample ID: S-3 Date Collected: 09/16/24 09:10

Date Received: 09/17/24 07:15

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			12359	AT	EET ALB	09/17/24 09:31
Total/NA	Analysis	8015M/D		50	12418	AT	EET ALB	09/17/24 12:48
Total/NA	Prep	5035			12359	AT	EET ALB	09/17/24 09:31
Total/NA	Analysis	8021B		50	12419	AT	EET ALB	09/17/24 12:48
Total/NA	Prep	SHAKE			12356	EM	EET ALB	09/17/24 09:02
Total/NA	Analysis	8015M/D		1	12346	EM	EET ALB	09/17/24 12:27
Total/NA	Prep	300_Prep			12383	EH	EET ALB	09/17/24 10:01
Total/NA	Analysis	300.0		20	12410	EH	EET ALB	09/17/24 12:09

Client Sample ID: S-4 Date Collected: 09/16/24 09:15 . .

Date Received: 09/1//24 0/:	15	
_		
Batch	Batch	

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			12359	AT	EET ALB	09/17/24 09:31
Total/NA	Analysis	8015M/D		50	12418	AT	EET ALB	09/17/24 13:09

Eurofins Albuquerque

Matrix: Solid

5

8

Matrix: Solid

Lab Sample ID: 885-11897-4

Matrix: Solid

Date Collected: 09/16/24 09:15 Date Received: 09/17/24 07:15

Client Sample ID: S-4

Project/Site: Angel Peak 2C-89

Client: Ensolum

	Batch	Batch		Dilution	Batch			Prepared
Ргер Туре	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			12359	AT	EET ALB	09/17/24 09:31
Total/NA	Analysis	8021B		50	12419	AT	EET ALB	09/17/24 13:09
Total/NA	Prep	SHAKE			12356	EM	EET ALB	09/17/24 09:02
Total/NA	Analysis	8015M/D		1	12346	EM	EET ALB	09/17/24 13:09
Total/NA	Prep	300_Prep			12383	EH	EET ALB	09/17/24 10:01
Total/NA	Analysis	300.0		20	12410	EH	EET ALB	09/17/24 12:55

Client Sample ID: S-5 Date Collected: 09/16/24 09:20 Date Received: 09/17/24 07:15

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			12359	AT	EET ALB	09/17/24 09:31
Total/NA	Analysis	8015M/D		50	12418	AT	EET ALB	09/17/24 13:31
Total/NA	Prep	5035			12359	AT	EET ALB	09/17/24 09:31
Total/NA	Analysis	8021B		50	12419	AT	EET ALB	09/17/24 13:31
Total/NA	Prep	SHAKE			12356	EM	EET ALB	09/17/24 09:02
Total/NA	Analysis	8015M/D		1	12346	EM	EET ALB	09/17/24 13:30
Total/NA	Prep	300_Prep			12383	EH	EET ALB	09/17/24 10:01
Total/NA	Analysis	300.0		20	12410	EH	EET ALB	09/17/24 13:10

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

5 6 8

Lab Sample ID: 885-11897-5

Matrix: Solid

Job ID: 885-11897-1

Accreditation/Certification Summary

Client: Enso	um
Project/Site:	Angel Peak 2C-89

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority Program Identification Number Expiration Date Oregon NELAP NM100001 02-26-25

885-11897 COC		Dere
LYSIS LABOR LYSIS LABOR allenvironmental.com - Albuquerque, NM 87109 Fax 505-345-4107 Analwsis Redutest	RCRA 8 Metals RCRA 8 Metals R260 (VOA) R260 (VOA) R270 (Semi-VOA) R270 (Semi-VOA)	Long Ser S
ANAL ANAL ANAL ANAL ANW.ha 4901 Hawkins NE Tel. 505-345-3975	BTEX / MHSE / TMB's (8021)	Remarks: Jom Am 14
42-11-2 4s	MERSING PONTIN DNO CHUCH Ve HEALNO.	Date Time 525 Date Time Date Time
Turn-Around Time: Standard ひRush Project Name: Angel Peak	Project Manager: <i>K Summe</i> Sampler: <i>C D AD</i> Sampler: <i>C D AD</i> On lce: <i>D AD</i> <i>Cooler Temp(natuding CF)</i> : <i>C</i> Cooler Temp(natuding CF): <i>C</i> <i>Cooler Temp(natuding CF)</i> : <i>C</i>	v: Viat
Turn-Around T		Received by:
Chain-of-Custody Record The north LLC ng Address: 6 06 5 Rie Cical wit A 872/18	□ Level 4 (Full Validation) □ Az Compliance □ Other Natrix Sample Name	ished by:
ain-of-Cust		Relinqu
Client: Client: Mailing Address: Suit A	advac Pax#: avac Paxese: avac Package: avac Package: </td <td>Date: Time: 2014 June: Date: Time: Date:</td>	Date: Time: 2014 June: Date: Time: Date:

Received by OCD: 3/3/2025 7:32:59 AM

Login Sample Receipt Checklist

Client: Ensolum

Login Number: 11897 List Number: 1 Creator: McQuiston, Steven

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	True	

Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").

Job Number: 885-11897-1

List Source: Eurofins Albuquerque

Received by OCD: 3/3/2025 7:32:59 AM



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Kyle Summers Ensolum 606 S Rio Grande Suite A Aztec, New Mexico 87410 Generated 9/30/2024 3:49:12 PM

JOB DESCRIPTION

Angel Peak 2C-89

JOB NUMBER

885-12020-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109



Page 70 of 151



Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization

urel

Authorized for release by John Caldwell, Project Manager john.caldwell@et.eurofinsus.com (505)345-3975 Generated 9/30/2024 3:49:12 PM

Laboratory Job ID: 885-12020-1

2 3

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	18
QC Association Summary	24
Lab Chronicle	28
Certification Summary	32
Chain of Custody	33
Receipt Checklists	34
Percent Recovery

Contains Free Liquid

Colony Forming Unit

Definitions/Glossary

Client: Ensolum Project/Site: Angel Peak 2C-89

Glossary Abbreviation

¤ %R

CFL

CFU

Job ID: 885-	12020-1	2
		3
		4
		5
		6
		7
he sample		8
		9
		10

Eurofins Albuquerque

0.0	
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

These commonly used abbreviations may or may not be present in this report. Listed under the "D" column to designate that the result is reported on a dry weight basis

Case Narrative

Job ID: 885-12020-1

Client: Ensolum Project: Angel Peak 2C-89

Job ID: 885-12020-1

Eurofins Albuquerque

Page 74 of 151

Job Narrative 885-12020-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 9/18/2024 7:25 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.8°C and 3.2°C.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

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

HPLC/IC

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

5

Job ID: 885-12020-1

Lab Sample ID: 885-12020-1 Matrix: Solid

Date Collected: 09/17/24 09:00 Date Received: 09/18/24 07:25

Client Sample ID: S-6

Project/Site: Angel Peak 2C-89

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.9	mg/Kg		09/18/24 08:47	09/18/24 12:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		35 - 166			09/18/24 08:47	09/18/24 12:17	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020	mg/Kg		09/18/24 08:47	09/18/24 12:17	1
Ethylbenzene	ND		0.039	mg/Kg		09/18/24 08:47	09/18/24 12:17	1
Toluene	ND		0.039	mg/Kg		09/18/24 08:47	09/18/24 12:17	1
Xylenes, Total	ND		0.079	mg/Kg		09/18/24 08:47	09/18/24 12:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
	/anecovery	Quanner	LIIIIIIS			Prepareu	Analyzeu	Dirrac
•	<u>83</u>	Quaimer	<u>48 - 145</u>			09/18/24 08:47	09/18/24 12:17	1
4-Bromofluorobenzene (Surr)	83		48 - 145			<u> </u>		1
4-Bromofluorobenzene (Surr) Method: SW846 8015M/D - Diese	83 Range Organ		48 - 145	Unit	D	<u> </u>		Dil Fac
4-Bromofluorobenzene (Surr) Method: SW846 8015M/D - Diese Analyte	83 Range Organ	ics (DRO) (0	48 - 145 GC)	Unit mg/Kg	<u>D</u>	09/18/24 08:47	09/18/24 12:17	1
4-Bromofluorobenzene (Surr) Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28]	Range Organ Result	ics (DRO) (0	48 - 145 GC) RL		<u>D</u>	09/18/24 08:47 Prepared	09/18/24 12:17 Analyzed	1
4-Bromofluorobenzene (Surr) Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	I Range Organ Result	<mark>ics (DRO) ((</mark> Qualifier	48 - 145 GC) 	mg/Kg	<u> </u>	09/18/24 08:47 Prepared 09/18/24 08:35	09/18/24 12:17 Analyzed 09/18/24 10:16	1 Dil Fac 1 1
4-Bromofluorobenzene (Surr) Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate	I Range Organ Result ND ND	<mark>ics (DRO) ((</mark> Qualifier	48 - 145 GC) 	mg/Kg	<u>D</u>	09/18/24 08:47 Prepared 09/18/24 08:35 09/18/24 08:35	09/18/24 12:17 Analyzed 09/18/24 10:16 09/18/24 10:16	1 Dil Fac 1 1
4-Bromofluorobenzene (Surr) Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	I Range Organ Result ND ND %Recovery 95	ics (DRO) (C Qualifier Qualifier	48 - 145 GC) <u>RL</u> 9.6 48 <i>Limits</i>	mg/Kg	D	09/18/24 08:47 Prepared 09/18/24 08:35 09/18/24 08:35 Prepared	09/18/24 12:17 Analyzed 09/18/24 10:16 09/18/24 10:16 Analyzed	1 Dil Fac 1 1
4-Bromofluorobenzene (Surr) Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, Ion Analyte	I Range Organ Result ND %Recovery 95 Chromatograp	ics (DRO) (C Qualifier Qualifier	48 - 145 GC) <u>RL</u> 9.6 48 <i>Limits</i>	mg/Kg	D	09/18/24 08:47 Prepared 09/18/24 08:35 09/18/24 08:35 Prepared	09/18/24 12:17 Analyzed 09/18/24 10:16 09/18/24 10:16 Analyzed	1

5

Job ID: 885-12020-1

Lab Sample ID: 885-12020-2 Matrix: Solid

Date Collected: 09/17/24 09:05 Date Received: 09/18/24 07:25

Client Sample ID: S-7

Project/Site: Angel Peak 2C-89

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.8	mg/Kg		09/18/24 08:47	09/18/24 12:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		35 - 166			09/18/24 08:47	09/18/24 12:40	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)	l.					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019	mg/Kg		09/18/24 08:47	09/18/24 12:40	1
Ethylbenzene	ND		0.038	mg/Kg		09/18/24 08:47	09/18/24 12:40	1
Toluene	ND		0.038	mg/Kg		09/18/24 08:47	09/18/24 12:40	1
Xylenes, Total	ND		0.075	mg/Kg		09/18/24 08:47	09/18/24 12:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		48 - 145			09/18/24 08:47	09/18/24 12:40	1
Method: SW846 8015M/D - Diese	l Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		09/18/24 08:35	09/18/24 10:27	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		09/18/24 08:35	09/18/24 10:27	1
						Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits			Frepareu	<i>Finaly</i> Loa	Dirra
	% Recovery 98	Qualifier	Limits 62 - 134			09/18/24 08:35	09/18/24 10:27	1
Di-n-octyl phthalate (Surr)	98							
Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, Ion Analyte	98 Chromatograp			Unit	D			

Lab Sam

Released to Imaging: 3/4/2025 8:55:21 AM

5

Job ID: 885-12020-1

Lab Sample ID: 885-12020-3 Matrix: Solid

Date Collected: 09/17/24 09:10 Date Received: 09/18/24 07:25

Client Sample ID: S-8

Project/Site: Angel Peak 2C-89

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.2	mg/Kg		09/18/24 08:47	09/18/24 13:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		35 - 166			09/18/24 08:47	09/18/24 13:04	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.026	mg/Kg		09/18/24 08:47	09/18/24 13:04	1
Ethylbenzene	ND		0.052	mg/Kg		09/18/24 08:47	09/18/24 13:04	1
Toluene	ND		0.052	mg/Kg		09/18/24 08:47	09/18/24 13:04	1
Xylenes, Total	ND		0.10	mg/Kg		09/18/24 08:47	09/18/24 13:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		48 - 145			09/18/24 08:47	09/18/24 13:04	1
Method: SW846 8015M/D - Diese	I Range Organ	ics (DRO) (GC)					
	• •	<mark>ics (DRO) ((</mark> Qualifier	GC) RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	• •		· ·	<mark>Unit</mark> mg/Kg	D	Prepared	Analyzed	Dil Fac
Analyte Diesel Range Organics [C10-C28]	Result				<u>D</u>	· · ·		
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	_ ResultND	Qualifier		mg/Kg	<u>D</u>	09/18/24 08:35	09/18/24 10:37	
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate	Result	Qualifier	RL 9.7 48	mg/Kg	<u> </u>	09/18/24 08:35 09/18/24 08:35	09/18/24 10:37 09/18/24 10:37	1
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	Result ND ND %Recovery 101	Qualifier		mg/Kg	<u>D</u>	09/18/24 08:35 09/18/24 08:35 Prepared	09/18/24 10:37 09/18/24 10:37 Analyzed	1 1 Dil Fac
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, Ion Analyte	Result ND ND %Recovery 101 Chromatograp	Qualifier		mg/Kg	D	09/18/24 08:35 09/18/24 08:35 Prepared	09/18/24 10:37 09/18/24 10:37 Analyzed	1 1 Dil Fac

Job ID: 885-12020-1

Lab Sample ID: 885-12020-4 Matrix: Solid

Date Collected: 09/17/24 09:15 Date Received: 09/18/24 07:25

Client Sample ID: S-9

Project/Site: Angel Peak 2C-89

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.2	mg/Kg		09/18/24 08:47	09/18/24 13:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		35 - 166			09/18/24 08:47	09/18/24 13:27	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021	mg/Kg		09/18/24 08:47	09/18/24 13:27	1
Ethylbenzene	ND		0.042	mg/Kg		09/18/24 08:47	09/18/24 13:27	1
Toluene	ND		0.042	mg/Kg		09/18/24 08:47	09/18/24 13:27	1
Xylenes, Total	ND		0.084	mg/Kg		09/18/24 08:47	09/18/24 13:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)								
+ Biomonaoiosenzene (San)	83		48 - 145			09/18/24 08:47	09/18/24 13:27	1
		ics (DRO) (09/18/24 08:47	09/18/24 13:27	1
Method: SW846 8015M/D - Diese	I Range Organ	<mark>ics (DRO) (</mark> Qualifier		Unit	D	09/18/24 08:47 Prepared	09/18/24 13:27 Analyzed	Dil Fac
Method: SW846 8015M/D - Diese Analyte	I Range Organ		GC)	<mark>Unit</mark> mg/Kg	<u>D</u>			Dil Fac
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28]	I Range Organ Result		GC) RL		<u>D</u>	Prepared	Analyzed	
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	I Range Organ Result ND	Qualifier	GC)	mg/Kg	<u>D</u>	Prepared 09/18/24 08:35	Analyzed	
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate	I Range Organ Result ND ND	Qualifier	GC) <u>RL</u> <u>9.8</u> 49	mg/Kg	<u> </u>	Prepared 09/18/24 08:35 09/18/24 08:35	Analyzed 09/18/24 10:48 09/18/24 10:48	
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	I Range Organ Result ND ND %Recovery 102	Qualifier	GC) RL 9.8 49 Limits	mg/Kg	<u>D</u>	Prepared 09/18/24 08:35 09/18/24 08:35 Prepared	Analyzed 09/18/24 10:48 09/18/24 10:48 Analyzed	Dil Fa
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, Ion Analyte	I Range Organ Result ND ND %Recovery 102 Chromatograp	Qualifier	GC) RL 9.8 49 Limits	mg/Kg	D	Prepared 09/18/24 08:35 09/18/24 08:35 Prepared	Analyzed 09/18/24 10:48 09/18/24 10:48 Analyzed	Dil Fa

5

Job ID: 885-12020-1

Lab Sample ID: 885-12020-5 Matrix: Solid

Date Collected: 09/17/24 09:20 Date Received: 09/18/24 07:25

Client Sample ID: S-10

Project/Site: Angel Peak 2C-89

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.9	mg/Kg		09/18/24 08:47	09/18/24 13:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			09/18/24 08:47	09/18/24 13:50	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)						
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019	mg/Kg		09/18/24 08:47	09/18/24 13:50	1
Ethylbenzene	ND		0.039	mg/Kg		09/18/24 08:47	09/18/24 13:50	1
Toluene	ND		0.039	mg/Kg		09/18/24 08:47	09/18/24 13:50	1
Xylenes, Total	ND		0.077	mg/Kg		09/18/24 08:47	09/18/24 13:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		48 - 145			09/18/24 08:47	09/18/24 13:50	1
		ics (DRO) (09/18/24 08:47	09/18/24 13:50	1
Method: SW846 8015M/D - Diese	I Range Organ	<mark>ics (DRO) (</mark> Qualifier		Unit	D	09/18/24 08:47 Prepared	09/18/24 13:50 Analyzed	1 Dil Fac
Method: SW846 8015M/D - Diese Analyte	I Range Organ		GC)	Unit mg/Kg	<u>D</u>			1 Dil Fac
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28]	I Range Organ Result		GC) RL		<u>D</u>	Prepared	Analyzed	
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	I Range Organ Result ND		GC) <u> RL</u> 9.3 	mg/Kg	<u>D</u>	Prepared 09/18/24 08:35	Analyzed	1
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate	I Range Organ Result ND ND	Qualifier	GC) <u> RL</u> 9.3 47	mg/Kg	<u> </u>	Prepared 09/18/24 08:35 09/18/24 08:35	Analyzed 09/18/24 10:59 09/18/24 10:59	1
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	I Range Organ Result ND ND %Recovery 102	Qualifier	GC) <u>RL</u> 9.3 47 Limits	mg/Kg	<u>D</u>	Prepared 09/18/24 08:35 09/18/24 08:35 Prepared	Analyzed 09/18/24 10:59 09/18/24 10:59 Analyzed	1 1 Dil Fac
4-Bromofluorobenzene (Surr) Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, Ion Analyte	I Range Organ Result ND ND %Recovery 102 Chromatograp	Qualifier	GC) <u>RL</u> 9.3 47 Limits	mg/Kg	D	Prepared 09/18/24 08:35 09/18/24 08:35 Prepared	Analyzed 09/18/24 10:59 09/18/24 10:59 Analyzed	Dil Fac

5

Job ID: 885-12020-1

Lab Sample ID: 885-12020-6 Matrix: Solid

Date Collected: 09/17/24 09:25 Date Received: 09/18/24 07:25

Client Sample ID: S-11

Project/Site: Angel Peak 2C-89

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		09/18/24 08:47	09/18/24 14:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			09/18/24 08:47	09/18/24 14:14	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/18/24 08:47	09/18/24 14:14	1
Ethylbenzene	ND		0.050	mg/Kg		09/18/24 08:47	09/18/24 14:14	1
Toluene	ND		0.050	mg/Kg		09/18/24 08:47	09/18/24 14:14	1
Xylenes, Total	ND		0.10	mg/Kg		09/18/24 08:47	09/18/24 14:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			48 - 145			09/18/24 08:47		
			48 - 145			09/18/24 08:47	09/18/24 14:14	1
		ics (DRO) (09/18/24 08:47	09/18/24 14:14	1
Method: SW846 8015M/D - Diese	I Range Organ	<mark>ics (DRO) (</mark> Qualifier		Unit	D	09/18/24 08:47 Prepared	09/18/24 14:14 Analyzed	ז Dil Fac
Method: SW846 8015M/D - Diese Analyte	I Range Organ		GC)	<mark>Unit</mark>	<u>D</u>			7 1
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28]	I Range Organ Result		GC) RL		<u>D</u>	Prepared	Analyzed	
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	I Range Organ Result ND	Qualifier	GC) <u> RL</u> 9.4 	mg/Kg	<u> </u>	Prepared 09/18/24 08:35	Analyzed	
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate	I Range Organ Result ND ND	Qualifier	GC) <u>RL</u> <u>9.4</u> 47	mg/Kg	<u> </u>	Prepared 09/18/24 08:35 09/18/24 08:35	Analyzed 09/18/24 11:10 09/18/24 11:10	1
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	I Range Organ Result ND ND %Recovery 91	Qualifier	GC) <u> RL</u> 9.4 47 Limits	mg/Kg	<u>D</u>	Prepared 09/18/24 08:35 09/18/24 08:35 Prepared	Analyzed 09/18/24 11:10 09/18/24 11:10 Analyzed	1 1 Dil Fac
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, Ion Analyte	I Range Organ Result ND ND %Recovery 91 Chromatograp	Qualifier	GC) <u> RL</u> 9.4 47 Limits	mg/Kg	<u>D</u>	Prepared 09/18/24 08:35 09/18/24 08:35 Prepared	Analyzed 09/18/24 11:10 09/18/24 11:10 Analyzed	1 1 <i>Dil Fac</i>

5

Job ID: 885-12020-1

Lab Sample ID: 885-12020-7 Matrix: Solid

Date Collected: 09/17/24 09:30 Date Received: 09/18/24 07:25

Client Sample ID: S-12

Project/Site: Angel Peak 2C-89

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.6	mg/Kg		09/18/24 08:48	09/18/24 11:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		35 - 166			09/18/24 08:48	09/18/24 11:20	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		09/18/24 08:48	09/18/24 11:20	1
Ethylbenzene	ND		0.036	mg/Kg		09/18/24 08:48	09/18/24 11:20	1
Toluene	ND		0.036	mg/Kg		09/18/24 08:48	09/18/24 11:20	1
Xylenes, Total	ND		0.072	mg/Kg		09/18/24 08:48	09/18/24 11:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			09/18/24 08:48	09/18/24 11:20	1
Method: SW846 8015M/D - Diese	I Range Organ	ics (DRO) (GC)					
	•••	ics (DRO) (Qualifier	GC) RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	•••		· ·	<mark>Unit</mark>	<u>D</u>	Prepared 09/18/24 08:35	Analyzed	Dil Fac
Analyte Diesel Range Organics [C10-C28]	Result				<u>D</u>			
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	_ Result	Qualifier		mg/Kg	<u> </u>	09/18/24 08:35	09/18/24 11:20	1
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate	Result	Qualifier	RL 9.5 48	mg/Kg	<u> </u>	09/18/24 08:35 09/18/24 08:35	09/18/24 11:20 09/18/24 11:20	1
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	Result ND ND %Recovery 95	Qualifier		mg/Kg	<u> </u>	09/18/24 08:35 09/18/24 08:35 Prepared	09/18/24 11:20 09/18/24 11:20 Analyzed	1 1 Dil Fac
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, Ion Analyte	Result ND ND %Recovery 95 Chromatograp	Qualifier		mg/Kg	D	09/18/24 08:35 09/18/24 08:35 Prepared	09/18/24 11:20 09/18/24 11:20 Analyzed	1 1 Dil Fac

Job ID: 885-12020-1

Lab Sample ID: 885-12020-8 Matrix: Solid

Date Collected: 09/17/24 09:35 Date Received: 09/18/24 07:25

Client Sample ID: S-13

Project/Site: Angel Peak 2C-89

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.6	mg/Kg		09/18/24 08:48	09/18/24 11:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		35 - 166			09/18/24 08:48	09/18/24 11:41	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		09/18/24 08:48	09/18/24 11:41	1
Ethylbenzene	ND		0.036	mg/Kg		09/18/24 08:48	09/18/24 11:41	1
Toluene	ND		0.036	mg/Kg		09/18/24 08:48	09/18/24 11:41	1
Kylenes, Total	ND		0.072	mg/Kg		09/18/24 08:48	09/18/24 11:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		48 - 145			09/18/24 08:48	09/18/24 11:41	1
Method: SW846 8015M/D - Diese	I Range Organ	ics (DRO) (SC)					
	• •	ics (DRO) (C Qualifier	GC) RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	• •		· ·	<mark>Unit</mark>	<u>D</u>	Prepared 09/18/24 08:35	Analyzed 09/18/24 11:31	Dil Fac
Analyte Diesel Range Organics [C10-C28]	Result				<u>D</u>	· · ·		
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	_ ResultND	Qualifier		mg/Kg	<u> </u>	09/18/24 08:35	09/18/24 11:31	
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate	Result	Qualifier	RL 9.7 49	mg/Kg	<u> </u>	09/18/24 08:35 09/18/24 08:35	09/18/24 11:31 09/18/24 11:31	1
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	Result ND ND %Recovery 95	Qualifier		mg/Kg	<u> </u>	09/18/24 08:35 09/18/24 08:35 Prepared	09/18/24 11:31 09/18/24 11:31 Analyzed	1 1 Dil Fac
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, Ion Analyte	Result ND ND <i>%Recovery</i> 95 Chromatograp	Qualifier		mg/Kg	D	09/18/24 08:35 09/18/24 08:35 Prepared	09/18/24 11:31 09/18/24 11:31 Analyzed	1 1 Dil Fac

5

Job ID: 885-12020-1

Lab Sample ID: 885-12020-9 Matrix: Solid

Date Collected: 09/17/24 09:40 Date Received: 09/18/24 07:25

Client Sample ID: S-14

Project/Site: Angel Peak 2C-89

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.6	mg/Kg		09/18/24 08:48	09/18/24 12:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		35 - 166			09/18/24 08:48	09/18/24 12:03	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)	l.					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		09/18/24 08:48	09/18/24 12:03	1
Ethylbenzene	ND		0.046	mg/Kg		09/18/24 08:48	09/18/24 12:03	1
Toluene	ND		0.046	mg/Kg		09/18/24 08:48	09/18/24 12:03	1
Xylenes, Total	ND		0.092	mg/Kg		09/18/24 08:48	09/18/24 12:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145			09/18/24 08:48	09/18/24 12:03	1
Method: SW846 8015M/D - Diese	l Range Organ	ics (DRO) (GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		09/18/24 08:35	09/18/24 11:53	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		09/18/24 08:35	09/18/24 11:53	1
	6 / D = = = = = = = = = = = = = = = = = = =	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Surrogate	%Recovery							
-	<u>%Recovery</u> 94		62 - 134			09/18/24 08:35	09/18/24 11:53	1
Di-n-octyl phthalate (Surr)	94		62 - 134			09/18/24 08:35	09/18/24 11:53	1
Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, Ion Analyte	94 Chromatograp		62 - 134 RL	Unit	D	09/18/24 08:35 Prepared	09/18/24 11:53 Analyzed	1 Dil Fac

Released to Imaging: 3/4/2025 8:55:21 AM

5

Job ID: 885-12020-1

Lab Sample ID: 885-12020-10 Matrix: Solid

Date Collected: 09/17/24 09:45 Date Received: 09/18/24 07:25

Project/Site: Angel Peak 2C-89
Client Sample ID: S-15

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.3	mg/Kg		09/18/24 08:48	09/18/24 12:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		35 - 166			09/18/24 08:48	09/18/24 12:25	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.022	mg/Kg		09/18/24 08:48	09/18/24 12:25	1
Ethylbenzene	ND		0.043	mg/Kg		09/18/24 08:48	09/18/24 12:25	1
Toluene	ND		0.043	mg/Kg		09/18/24 08:48	09/18/24 12:25	1
Xylenes, Total	ND		0.087	mg/Kg		09/18/24 08:48	09/18/24 12:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		48 - 145			09/18/24 08:48	09/18/24 12:25	1
Method: SW846 8015M/D - Diese	I Range Organ	ics (DRO) (GC)					
	•••	ics (DRO) (Qualifier	GC) RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	•••		· ·	<mark>Unit</mark>	<u>D</u>	Prepared 09/18/24 08:35	Analyzed 09/18/24 12:03	Dil Fac
Analyte Diesel Range Organics [C10-C28]	Result				<u>D</u>			
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	_ ResultND	Qualifier		mg/Kg	<u>D</u>	09/18/24 08:35	09/18/24 12:03	
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate	Result	Qualifier	RL 9.2 46	mg/Kg	<u> </u>	09/18/24 08:35 09/18/24 08:35	09/18/24 12:03 09/18/24 12:03	1
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	Result ND ND %Recovery 95	Qualifier		mg/Kg	<u> </u>	09/18/24 08:35 09/18/24 08:35 Prepared	09/18/24 12:03 09/18/24 12:03 Analyzed	1 1 Dil Fac
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, Ion Analyte	Result ND ND %Recovery 95 Chromatograp	Qualifier		mg/Kg	D	09/18/24 08:35 09/18/24 08:35 Prepared	09/18/24 12:03 09/18/24 12:03 Analyzed	1 1 Dil Fac

Job ID: 885-12020-1

Lab Sample ID: 885-12020-11

Date Collected: 09/17/24 09:50 Date Received: 09/18/24 07:25

Project/Site: Angel Peak 2C-89 **Client Sample ID: S-16**

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.5	mg/Kg		09/18/24 08:48	09/18/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		35 - 166			09/18/24 08:48	09/18/24 12:47	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		09/18/24 08:48	09/18/24 12:47	1
Ethylbenzene	ND		0.035	mg/Kg		09/18/24 08:48	09/18/24 12:47	1
Toluene	ND		0.035	mg/Kg		09/18/24 08:48	09/18/24 12:47	1
Xylenes, Total	ND		0.070	mg/Kg		09/18/24 08:48	09/18/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)								
	104		48 - 145			09/18/24 08:48	09/18/24 12:47	1
		ics (DRO) (09/18/24 08:48	09/18/24 12:47	1
Method: SW846 8015M/D - Diese	I Range Organ	<mark>ics (DRO) ((</mark> Qualifier		Unit	D	09/18/24 08:48 Prepared	09/18/24 12:47 Analyzed	1 Dil Fac
Method: SW846 8015M/D - Diese Analyte	I Range Organ		GC)	<mark>Unit</mark> mg/Kg	<u>D</u>			
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28]	I Range Organ Result		GC) RL		<u>D</u>	Prepared	Analyzed	1
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	I Range Organ Result	Qualifier	GC) 	mg/Kg	<u>D</u>	Prepared 09/18/24 08:35	Analyzed	1
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate	el Range Organ Result ND ND	Qualifier	GC) <u>RL</u> 9.5 48	mg/Kg	<u> </u>	Prepared 09/18/24 08:35 09/18/24 08:35	Analyzed 09/18/24 12:14 09/18/24 12:14	
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	el Range Organ Result ND ND %Recovery 95	Qualifier	GC) <u>RL</u> 9.5 48 Limits	mg/Kg	D	Prepared 09/18/24 08:35 09/18/24 08:35 Prepared	Analyzed 09/18/24 12:14 09/18/24 12:14 Analyzed	1
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, Ion Analyte	el Range Organ Result ND ND %Recovery 95 Chromatograp	Qualifier	GC) <u>RL</u> 9.5 48 Limits	mg/Kg	D	Prepared 09/18/24 08:35 09/18/24 08:35 Prepared	Analyzed 09/18/24 12:14 09/18/24 12:14 Analyzed	Dil Fac

5

Matrix: Solid

5

Job ID: 885-12020-1

Lab Sample ID: 885-12020-12 Matrix: Solid

Date Collected: 09/17/24 09:55 Date Received: 09/18/24 07:25

Client Sample ID: S-17

Project/Site: Angel Peak 2C-89

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.6	mg/Kg		09/18/24 08:48	09/18/24 13:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		35 - 166			09/18/24 08:48	09/18/24 13:09	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	mg/Kg		09/18/24 08:48	09/18/24 13:09	1
Ethylbenzene	ND		0.046	mg/Kg		09/18/24 08:48	09/18/24 13:09	1
Toluene	ND		0.046	mg/Kg		09/18/24 08:48	09/18/24 13:09	1
Xylenes, Total	ND		0.091	mg/Kg		09/18/24 08:48	09/18/24 13:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145			09/18/24 08:48	09/18/24 13:09	1
Method: SW846 8015M/D - Diese	l Range Organ	ics (DRO) (GC)					
Analyte	• •	Qualifier	, RL	Unit	D	Prepared	Analyzed	Dil Fac
- nuly to	Result	quanner		Onit	-			DIFac
•	ND		9.5	mg/Kg		09/18/24 08:35	09/18/24 12:25	1
Diesel Range Organics [C10-C28]						09/18/24 08:35 09/18/24 08:35		1
Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	ND	Qualifier	9.5	mg/Kg			09/18/24 12:25	Dil Fac 1 Dil Fac
Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate	ND ND		9.5 48	mg/Kg		09/18/24 08:35	09/18/24 12:25 09/18/24 12:25	1
Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	ND ND <u>%Recovery</u> 96	Qualifier	9.5 48 <i>Limits</i>	mg/Kg		09/18/24 08:35 Prepared	09/18/24 12:25 09/18/24 12:25 Analyzed	1 1 Dil Fac
Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, Ion Analyte	ND ND <u>%Recovery</u> 96 Chromatograp	Qualifier	9.5 48 <i>Limits</i>	mg/Kg		09/18/24 08:35 Prepared	09/18/24 12:25 09/18/24 12:25 Analyzed	1 1 Dil Fac

- *0

Released to Imaging: 3/4/2025 8:55:21 AM

Client: Ensolum Project/Site: Angel Peak 2C-89

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Job ID: 885-12020-1

Lab Sample ID: MB 885-12440/1	I- A								Client Sa	ample ID: I	Nethod	Blank
Matrix: Solid											ype: To	
Analysis Batch: 12495											Batch:	
		MB MB										
Analyte	R	esult Qualifie	er RL		Unit		D	Р	repared	Analyz	ed	Dil Fac
Gasoline Range Organics [C6 - C10]		ND	5.0		mg/ł	ζg	_	09/1	8/24 08:47	09/18/24	11:53	1
		MB MB										
Surrogate	%Reco		er Limits					Р	repared	Analyz	ed	Dil Fac
-Bromofluorobenzene (Surr)		96	35 - 166					09/1	8/24 08:47	09/18/24	11:53	1
.ab Sample ID: LCS 885-12440/	12_∆						0	liont	Sample	ID: Lab Co	ntrol S	amnio
Matrix: Solid	2-8							ment	Jampie		ype: To	
Analysis Batch: 12495											Batch:	
			Spike	LCS	LCS					%Rec	Batom	12-1-0
nalyte			Added		Qualifier	Unit		D	%Rec	Limits		
Gasoline Range Organics [C6 -			25.0	24.2		mg/Kg			97	70 - 130		
C10]			_3.0						0.			
	LCS	LCS										
Surrogate	%Recovery		Limits									
1-Bromofluorobenzene (Surr)	200		35 - 166									
_ab Sample ID: 885-12020-1 MS	5									Client S	ample I	D: S-6
Matrix: Solid										Prep T	ype: To	tal/NA
Analysis Batch: 12495										Prep	Batch:	12440
	Sample	Sample	Spike	MS	MS					%Rec		
nalyte	Result	Qualifier	Added	Result	Qualifier	Unit		D	%Rec	Limits		
asoline Range Organics [C6 -	ND		19.7	19.2		mg/Kg			97	70 - 130		
urro goto		MS	Limito									
Surrogate 1-Bromofluorobenzene (Surr)	%Recovery 197	Qualifier	Limits 35 - 166									
	197		55 - 700									
ab Sample ID: 885-12020-1 MS	D									Client S	ample I	D: S-6
Matrix: Solid											ype: To	
Analysis Batch: 12495											Batch:	
-	Sample	Sample	Spike	MSD	MSD					%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit		D	%Rec	Limits	RPD	Limit
Gasoline Range Organics [C6 -	ND		19.7	20.3		mg/Kg			103	70 - 130	6	20
210]												
	MSD	MSD										
urrogate	%Recovery	Qualifier	Limits									
Bromofluorobenzene (Surr)	207		35 - 166									
_ab Sample ID: MB 885-12441/1	I-A								Client Sa	ample ID: I		
Aatrix: Solid											ype: To	
Analysis Batch: 12491										Prep	Batch:	12441
		MB MB										

	MB	МВ						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		09/18/24 08:48	09/18/24 10:15	1
	МВ	MB						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		35 - 166			09/18/24 08:48	09/18/24 10:15	1

Eurofins Albuquerque

lo Poculte

Job ID: 885-12020-1

Client: Ensolum Project/Site: Angel Peak 2C-89

Method: 8015M/D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: LCS 885-124	41/2-A						Client	Sample	ID: Lab C	ontrol Sa	ample
Matrix: Solid										Type: Tot	
Analysis Batch: 12491										Batch:	
			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics [C6 -			25.0	26.0		mg/Kg		104	70 - 130		
C10]											
	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	212		35 - 166								
- Lab Sample ID: 885-12020-7 I	NS								Client Sa	ample ID	: S-12
Matrix: Solid									Prep 1	Type: Tot	tal/NA
Analysis Batch: 12491									Prep	Batch:	12441
	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	<u>D</u>	%Rec	Limits		
Gasoline Range Organics [C6 -	ND		18.1	18.7		mg/Kg		103	70 - 130		
C10]											
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	209		35 - 166								
Lab Sample ID: 885-12020-7 I	NSD								Client Sa	ample ID	: S-12
Matrix: Solid									Prep 1	Type: Tot	tal/NA
Analysis Batch: 12491									Prep	Batch:	12441
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics [C6 -	ND		18.1	18.5		mg/Kg		102	70 - 130	1	20
C10]											
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	205		35 - 166								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-12440 Matrix: Solid Analysis Batch: 12497						Client Sa	mple ID: Metho Prep Type: 1 Prep Batch	Total/NA
		MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/18/24 08:47	09/18/24 11:53	1
Ethylbenzene	ND		0.050	mg/Kg		09/18/24 08:47	09/18/24 11:53	1
Toluene	ND		0.050	mg/Kg		09/18/24 08:47	09/18/24 11:53	1
Xylenes, Total	ND		0.10	mg/Kg		09/18/24 08:47	09/18/24 11:53	1
	МВ	МВ						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		48 - 145			09/18/24 08:47	09/18/24 11:53	1

Eurofins Albuquerque

Client: Ensolum Project/Site: Angel Peak 2C-89

Job ID: 885-12020-1

%Rec Limits

70 - 130

70 - 130 70 - 130

70 - 130

70 - 130

70 - 130

70 - 130

70 - 130

D

D

%Rec

92

84

86

84

%Rec

91

83

86

83

6

Prep Type: Tot	tal/NA
Prep Batch:	12440
%Rec	
Limits	

Lab Sample ID: LCS 885-12 Matrix: Solid Analysis Batch: 12497	440/3-A					
			Spike	LCS	LCS	
Analyte			Added	Result	Qualifier	Unit
Benzene			1.00	0.913		mg/Kg
Ethylbenzene			1.00	0.833		mg/Kg
Toluene			1.00	0.857		mg/Kg
Xylenes, Total			3.00	2.49		mg/Kg
	LCS	LCS				
Surrogate	%Recovery	Qualifier	Limits			
Surrogate 4-Bromofluorobenzene (Surr) Lab Sample ID: 885-12020-2 Matrix: Solid	85	Qualifier	Limits 48 - 145			
4-Bromofluorobenzene (Surr) Lab Sample ID: 885-12020-2	85 2 MS		48 - 145			
4-Bromofluorobenzene (Surr) Lab Sample ID: 885-12020-2 Matrix: Solid Analysis Batch: 12497	2 MS Sample	Sample	48 - 145 Spike		MS	
4-Bromofluorobenzene (Surr) Lab Sample ID: 885-12020-2 Matrix: Solid Analysis Batch: 12497 Analyte	85 2 MS Sample Result		48 - 145 Spike Added	Result	MS Qualifier	Unit
4-Bromofluorobenzene (Surr) Lab Sample ID: 885-12020-2 Matrix: Solid Analysis Batch: 12497 Analyte Benzene	2 MS Sample Result ND	Sample	48 - 145 Spike Added 0.752	Result 0.690		mg/Kg
4-Bromofluorobenzene (Surr) Lab Sample ID: 885-12020-2 Matrix: Solid Analysis Batch: 12497 Analyte Benzene Ethylbenzene	2 MS 2 MS 	Sample	48 - 145 Spike Added 0.752 0.752	Result 0.690 0.636		mg/Kg mg/Kg
4-Bromofluorobenzene (Surr) Lab Sample ID: 885-12020-2 Matrix: Solid Analysis Batch: 12497 Analyte Benzene Ethylbenzene	2 MS Sample Result ND	Sample	48 - 145 Spike Added 0.752	Result 0.690		mg/Kg mg/Kg
4-Bromofluorobenzene (Surr) Lab Sample ID: 885-12020-2 Matrix: Solid Analysis Batch: 12497 Analyte	2 MS 2 MS 	Sample	48 - 145 Spike Added 0.752 0.752	Result 0.690 0.636		mg/Kg mg/Kg mg/Kg
4-Bromofluorobenzene (Surr) Lab Sample ID: 885-12020-2 Matrix: Solid Analysis Batch: 12497 Analyte Benzene Ethylbenzene Toluene	85 2 MS Result ND ND ND ND	Sample	48 - 145 Spike Added 0.752 0.752 0.752	Result 0.690 0.636 0.649		Unit mg/Kg mg/Kg mg/Kg
4-Bromofluorobenzene (Surr) Lab Sample ID: 885-12020-2 Matrix: Solid Analysis Batch: 12497 Analyte Benzene Ethylbenzene Toluene	85 2 MS Result ND ND ND ND	Sample Qualifier MS	48 - 145 Spike Added 0.752 0.752 0.752	Result 0.690 0.636 0.649		mg/Kg mg/Kg mg/Kg

Analysis Batch: 12497

7 maryono Batom na ron										Batom	
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	ND		0.752	0.674		mg/Kg		90	70 - 130	2	20
Ethylbenzene	ND		0.752	0.623		mg/Kg		83	70 - 130	2	20
Toluene	ND		0.752	0.631		mg/Kg		84	70 - 130	3	20
Xylenes, Total	ND		2.26	1.86		mg/Kg		82	70 - 130	2	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		48 - 145

Lab Sample ID: MB 885-12441/1-A Matrix: Solid

Analysis Batch: 12493

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		09/18/24 08:48	09/18/24 10:15	1
Ethylbenzene	ND		0.050	mg/Kg		09/18/24 08:48	09/18/24 10:15	1
Toluene	ND		0.050	mg/Kg		09/18/24 08:48	09/18/24 10:15	1
Xylenes, Total	ND		0.10	mg/Kg		09/18/24 08:48	09/18/24 10:15	1
	MB	МВ						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			09/18/24 08:48	09/18/24 10:15	1

Eurofins Albuquerque

Client Sample ID: Lab Control Sample Prep Type: Total/NA Prep Batch: 12440

> **Client Sample ID: S-7** 4 0

Client Sample ID: S-7 Prep Type: Total/NA Prep Batch: 12440

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1244

Lab Sample ID: LCS 885-12441/3-A

QC Sample Results

LCS LCS

1.05

1.06

1.06

3.18

Result Qualifier

Unit

mg/Kg

mg/Kg

mg/Kg

mg/Kg

Client: Ensolum Project/Site: Angel Peak 2C-89

Matrix: Solid

Analyte

Benzene

Toluene

Ethylbenzene

Xylenes, Total

Surrogate

Matrix: Solid

Analysis Batch: 12493

4-Bromofluorobenzene (Surr)

Analysis Batch: 12493

Lab Sample ID: 885-12020-8 MS

Spike

Added

1.00

1.00

1.00

3.00

Limits

48 - 145

Page 90 of 151

70 - 130 70 - 130 70 - 130

Prep Type: Total/NA

Prep Batch: 12441

Client Sample ID: Lab Control Sample

%Rec

Limits

70 - 130

%Rec

105

106

106

106

D

Client Sample ID: S-13									
Prep Type: Total/NA									
Prep Batch: 12441									
%Rec									

	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	ND		0.719	0.739		mg/Kg		103	70 - 130
Ethylbenzene	ND		0.719	0.737		mg/Kg		103	70 - 130
Toluene	ND		0.719	0.735		mg/Kg		102	70 - 130
Xylenes, Total	ND		2.16	2.20		mg/Kg		102	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		48 - 145

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

LCS LCS

%Recovery Qualifier

109

Lab Sample ID: 885-12020-8 MSD	
Matrix: Solid	
Analysis Batch: 12493	

Analysis Batch: 12493									Prep	Batch:	12441
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	ND		0.719	0.716		mg/Kg		100	70 - 130	3	20
Ethylbenzene	ND		0.719	0.718		mg/Kg		100	70 - 130	3	20
Toluene	ND		0.719	0.718		mg/Kg		100	70 - 130	2	20
Xylenes, Total	ND		2.16	2.13		mg/Kg		99	70 - 130	4	20
	MSD	MSD									
	nice	mob									

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	101	48 - 145

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-12436/1-A Matrix: Solid Analysis Batch: 12456	N					Client Sa	mple ID: Metho Prep Type: ⊺ Prep Batcł	fotal/NA
	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		09/18/24 08:35	09/18/24 09:55	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		09/18/24 08:35	09/18/24 09:55	1
	MB	МВ						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	89		62 - 134			09/18/24 08:35	09/18/24 09:55	1

Eurofins Albuquerque

Client Sample ID: S-13 Prep Type: Total/NA

Client: Ensolum Project/Site: Angel Peak 2C-89

Method: 8015M/D - Diesel Range Organics (DRO) (GC) (Continued)

- Lab Sample ID: LCS 885-1243	86/2-A						Client	Sample	D: Lab Co	ontrol Sa	ample
Matrix: Solid										ype: To	
Analysis Batch: 12456										Batch:	
			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Diesel Range Organics			50.0	40.4		mg/Kg		81	60 - 135		
[C10-C28]											
	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
Di-n-octyl phthalate (Surr)	87		62 - 134								
- Lab Sample ID: 885-12020-12	MS								Client Sa	mple ID	: S-17
Matrix: Solid									Prep 1	ype: To	tal/NA
Analysis Batch: 12456										Batch:	
-	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Diesel Range Organics	ND		49.0	40.9		mg/Kg		83	44 - 136		
[C10-C28]											
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
Di-n-octyl phthalate (Surr)	98		62 - 134								
- Lab Sample ID: 885-12020-12	MSD								Client Sa	mple ID	: S-17
Matrix: Solid									Prep 1	ype: To	tal/NA
Analysis Batch: 12456										Batch:	
-	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Diesel Range Organics	ND		48.4	41.3		mg/Kg		85	44 - 136	1	32
[C10-C28]											
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
Di-n-octyl phthalate (Surr)	95		62 - 134								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-12453/1-A Matrix: Solid Analysis Batch: 12529	МВ							Clie	nt Sa	mple ID: Metho Prep Type: 1 Prep Batch	Total/NA	
Analyte	MB Result	Qualifier		RL		Unit		D	Prepar	ed	Analyzed	Dil Fac
Chloride	ND			3.0		mg/K	g	- 09	9/18/24 (09:25	09/18/24 16:45	1
Lab Sample ID: LCS 885-12453/2-A								Clie	nt San	nple l	D: Lab Control	Sample
Matrix: Solid											Prep Type: 1	
Analysis Batch: 12529											Prep Batch	n: 12453
			Spike	L	CS LC	S					%Rec	
Analyte			Added	Res	ult Qu	alifier	Unit	0) %R	ec	Limits	
Chloride			30.0	2	7.4		mg/Kg			91	90 - 110	

5 6 7

Job ID: 885-12020-1

MS MS

ND

MSD MSD

ND

MS MS

Result

Qualifier

Result Qualifier

Unit

Unit

mg/Kg

mg/Kg

D

D

%Rec

%Rec

NC

NC

Spike

Added

30.1

Spike

Added

29.9

Spike

Client: Ensolum Project/Site: Angel Peak 2C-89

Lab Sample ID: 885-12020-1 MS

Lab Sample ID: 885-12020-1 MSD

Lab Sample ID: 885-12020-11 MS

Matrix: Solid

Matrix: Solid

Matrix: Solid

Analyte

Chloride

Analyte

Chloride

Analysis Batch: 12529

Analysis Batch: 12529

Analysis Batch: 12612

Method: 300.0 - Anions, Ion Chromatography (Continued)

Sample Sample

Sample Sample

Sample Sample

ND

Result Qualifier

ND

Result Qualifier

Client Sample ID: S-6

Prep Type: Total/NA									
Prep	Batch:	12453							
%Rec									
Limits									
50 - 150									
Client Sample ID: S-6 Prep Type: Total/NA									
Prep	Batch:	12453							
%Rec		RPD							
Limits	RPD	Limit							
50 - 150	NC	20							

Prep Type: Total/NA 3

	Prep Batch: 124	5
%R4	<u>а</u> с	

Analyte Chloride	Result ND	Qualifier	Added 29.9	Result	Qualifier	Unit mg/Kg	<u> </u>	%Rec NC	Limits 50 - 150		
Lab Sample ID: 885-12020-11 M Matrix: Solid Analysis Batch: 12612	ISD									ample ID Type: To Batch:	tal/NA
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	ND		29.9	ND		mg/Kg		NC	50 - 150	NC	20

Eurofins Albuquerque

Released to Imaging: 3/4/2025 8:55:21 AM

Client Sample ID

S-6

S-7

S-8

S-9

S-10

S-11

S-6

S-6

S-7

S-7

Method Blank

Lab Control Sample

Lab Control Sample

QC Association Summary

Prep Type

Total/NA

Client: Ensolum Project/Site: Angel Peak 2C-89

Prep Batch

Job ID: 885-12020-1

Method

5035

5035

5035

5035

5035

5035

5035

5035

5035

5035

5035

5035

5035

Matrix

Solid

7

885-12020-2 MSD Prep Batch: 12441

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
885-12020-7	S-12	Total/NA	Solid	5035	
885-12020-8	S-13	Total/NA	Solid	5035	
885-12020-9	S-14	Total/NA	Solid	5035	
885-12020-10	S-15	Total/NA	Solid	5035	
885-12020-11	S-16	Total/NA	Solid	5035	
885-12020-12	S-17	Total/NA	Solid	5035	
MB 885-12441/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-12441/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-12441/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-12020-7 MS	S-12	Total/NA	Solid	5035	
885-12020-7 MSD	S-12	Total/NA	Solid	5035	
885-12020-8 MS	S-13	Total/NA	Solid	5035	
885-12020-8 MSD	S-13	Total/NA	Solid	5035	

Analysis Batch: 12491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12020-7	S-12	Total/NA	Solid	8015M/D	12441
885-12020-8	S-13	Total/NA	Solid	8015M/D	12441
885-12020-9	S-14	Total/NA	Solid	8015M/D	12441
885-12020-10	S-15	Total/NA	Solid	8015M/D	12441
885-12020-11	S-16	Total/NA	Solid	8015M/D	12441
885-12020-12	S-17	Total/NA	Solid	8015M/D	12441
MB 885-12441/1-A	Method Blank	Total/NA	Solid	8015M/D	12441
LCS 885-12441/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	12441
885-12020-7 MS	S-12	Total/NA	Solid	8015M/D	12441
885-12020-7 MSD	S-12	Total/NA	Solid	8015M/D	12441

Analysis Batch: 12493

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
885-12020-7	S-12	Total/NA	Solid	8021B	12441
885-12020-8	S-13	Total/NA	Solid	8021B	12441
885-12020-9	S-14	Total/NA	Solid	8021B	12441
885-12020-10	S-15	Total/NA	Solid	8021B	12441
885-12020-11	S-16	Total/NA	Solid	8021B	12441
885-12020-12	S-17	Total/NA	Solid	8021B	12441

Eurofins Albuquerque

GC VOA Prep Batch: 12440

Lab Sample ID

885-12020-1

885-12020-2

885-12020-3

885-12020-4

885-12020-5

885-12020-6

MB 885-12440/1-A

LCS 885-12440/2-A

LCS 885-12440/3-A

885-12020-1 MS

885-12020-1 MSD

885-12020-2 MS

Released	to	Imaging:	3/4/202:	5 8:55	:21 AM

QC Association Summary

Client: Ensolum Project/Site: Angel Peak 2C-89 Job ID: 885-12020-1

Page 94 of 151

GC VOA (Continued)

Analysis Batch: 12493 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-12441/1-A	Method Blank	Total/NA	Solid	8021B	12441
LCS 885-12441/3-A	Lab Control Sample	Total/NA	Solid	8021B	12441
885-12020-8 MS	S-13	Total/NA	Solid	8021B	12441
885-12020-8 MSD	S-13	Total/NA	Solid	8021B	12441

Analysis Batch: 12495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12020-1	S-6	Total/NA	Solid	8015M/D	12440
885-12020-2	S-7	Total/NA	Solid	8015M/D	12440
885-12020-3	S-8	Total/NA	Solid	8015M/D	12440
885-12020-4	S-9	Total/NA	Solid	8015M/D	12440
885-12020-5	S-10	Total/NA	Solid	8015M/D	12440
885-12020-6	S-11	Total/NA	Solid	8015M/D	12440
MB 885-12440/1-A	Method Blank	Total/NA	Solid	8015M/D	12440
LCS 885-12440/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	12440
885-12020-1 MS	S-6	Total/NA	Solid	8015M/D	12440
885-12020-1 MSD	S-6	Total/NA	Solid	8015M/D	12440

Analysis Batch: 12497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12020-1	S-6	Total/NA	Solid	8021B	12440
885-12020-2	S-7	Total/NA	Solid	8021B	12440
885-12020-3	S-8	Total/NA	Solid	8021B	12440
885-12020-4	S-9	Total/NA	Solid	8021B	12440
885-12020-5	S-10	Total/NA	Solid	8021B	12440
885-12020-6	S-11	Total/NA	Solid	8021B	12440
MB 885-12440/1-A	Method Blank	Total/NA	Solid	8021B	12440
LCS 885-12440/3-A	Lab Control Sample	Total/NA	Solid	8021B	12440
885-12020-2 MS	S-7	Total/NA	Solid	8021B	12440
885-12020-2 MSD	S-7	Total/NA	Solid	8021B	12440

GC Semi VOA

Prep Batch: 12436

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
885-12020-1	S-6	Total/NA	Solid	SHAKE	
885-12020-2	S-7	Total/NA	Solid	SHAKE	
885-12020-3	S-8	Total/NA	Solid	SHAKE	
885-12020-4	S-9	Total/NA	Solid	SHAKE	
885-12020-5	S-10	Total/NA	Solid	SHAKE	
885-12020-6	S-11	Total/NA	Solid	SHAKE	
885-12020-7	S-12	Total/NA	Solid	SHAKE	
885-12020-8	S-13	Total/NA	Solid	SHAKE	
885-12020-9	S-14	Total/NA	Solid	SHAKE	
885-12020-10	S-15	Total/NA	Solid	SHAKE	
885-12020-11	S-16	Total/NA	Solid	SHAKE	
885-12020-12	S-17	Total/NA	Solid	SHAKE	
MB 885-12436/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-12436/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-12020-12 MS	S-17	Total/NA	Solid	SHAKE	
885-12020-12 MSD	S-17	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

QC Association Summary

Client: Ensolum Project/Site: Angel Peak 2C-89

GC Semi VOA

Analysis Batch: 12456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12020-1	S-6	Total/NA	Solid	8015M/D	12436
885-12020-2	S-7	Total/NA	Solid	8015M/D	12436
885-12020-3	S-8	Total/NA	Solid	8015M/D	12436
885-12020-4	S-9	Total/NA	Solid	8015M/D	12436
885-12020-5	S-10	Total/NA	Solid	8015M/D	12436
885-12020-6	S-11	Total/NA	Solid	8015M/D	12436
885-12020-7	S-12	Total/NA	Solid	8015M/D	12436
885-12020-8	S-13	Total/NA	Solid	8015M/D	12436
885-12020-9	S-14	Total/NA	Solid	8015M/D	12436
885-12020-10	S-15	Total/NA	Solid	8015M/D	12436
885-12020-11	S-16	Total/NA	Solid	8015M/D	12436
885-12020-12	S-17	Total/NA	Solid	8015M/D	12436
MB 885-12436/1-A	Method Blank	Total/NA	Solid	8015M/D	12436
LCS 885-12436/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	12436
885-12020-12 MS	S-17	Total/NA	Solid	8015M/D	12436
885-12020-12 MSD	S-17	Total/NA	Solid	8015M/D	12436

HPLC/IC

Prep Batch: 12453

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
885-12020-1	S-6	Total/NA	Solid	300_Prep	
885-12020-2	S-7	Total/NA	Solid	300_Prep	
885-12020-3	S-8	Total/NA	Solid	300_Prep	
885-12020-4	S-9	Total/NA	Solid	300_Prep	
885-12020-5	S-10	Total/NA	Solid	300_Prep	
885-12020-6	S-11	Total/NA	Solid	300_Prep	
885-12020-7	S-12	Total/NA	Solid	300_Prep	
885-12020-8	S-13	Total/NA	Solid	300_Prep	
885-12020-9	S-14	Total/NA	Solid	300_Prep	
885-12020-10	S-15	Total/NA	Solid	300_Prep	
885-12020-11	S-16	Total/NA	Solid	300_Prep	
885-12020-12	S-17	Total/NA	Solid	300_Prep	
MB 885-12453/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-12453/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-12020-1 MS	S-6	Total/NA	Solid	300_Prep	
885-12020-1 MSD	S-6	Total/NA	Solid	300_Prep	
885-12020-11 MS	S-16	Total/NA	Solid	300_Prep	
885-12020-11 MSD	S-16	Total/NA	Solid	300_Prep	

Analysis Batch: 12529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12020-1	S-6	Total/NA	Solid	300.0	12453
885-12020-2	S-7	Total/NA	Solid	300.0	12453
885-12020-3	S-8	Total/NA	Solid	300.0	12453
885-12020-4	S-9	Total/NA	Solid	300.0	12453
885-12020-5	S-10	Total/NA	Solid	300.0	12453
885-12020-6	S-11	Total/NA	Solid	300.0	12453
885-12020-7	S-12	Total/NA	Solid	300.0	12453
885-12020-8	S-13	Total/NA	Solid	300.0	12453
885-12020-9	S-14	Total/NA	Solid	300.0	12453

Eurofins Albuquerque

Job ID: 885-12020-1

QC Association Summary

Client: Ensolum

Project/Site: Angel Peak 2C-89

HPLC/IC (Continued)

885-12020-11 MS

885-12020-11 MSD

Analysis Batch: 12529 (Continued)

S-16

S-16

Analysis Batch: 1252	9 (Continued)					
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch	
885-12020-10	S-15	Total/NA	Solid	300.0	12453	
MB 885-12453/1-A	Method Blank	Total/NA	Solid	300.0	12453	5
LCS 885-12453/2-A	Lab Control Sample	Total/NA	Solid	300.0	12453	
885-12020-1 MS	S-6	Total/NA	Solid	300.0	12453	
885-12020-1 MSD	S-6	Total/NA	Solid	300.0	12453	7
Analysis Batch: 1261	2					-
Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch	8
885-12020-11	S-16	Total/NA	Solid	300.0	12453	_
885-12020-12	S-17	Total/NA	Solid	300.0	12453	Q

Total/NA

Total/NA

Solid

Solid

300.0

300.0

12453

12453

Job ID: 885-12020-1

Eurofins Albuquerque

5

8

Job ID: 885-12020-1

Lab Sample ID: 885-12020-1 Matrix: Solid

Lab Sample ID: 885-12020-2

Lab Sample ID: 885-12020-3

Lab Sample ID: 885-12020-4

Matrix: Solid

Matrix: Solid

Client Sample ID: S-6 Date Collected: 09/17/24 09:00 Date Received: 09/18/24 07:25

Project/Site: Angel Peak 2C-89

Client: Ensolum

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			12440	JP	EET ALB	09/18/24 08:47
Total/NA	Analysis	8015M/D		1	12495	JP	EET ALB	09/18/24 12:17
Total/NA	Prep	5035			12440	JP	EET ALB	09/18/24 08:47
Total/NA	Analysis	8021B		1	12497	JP	EET ALB	09/18/24 12:17
Total/NA	Prep	SHAKE			12436	EM	EET ALB	09/18/24 08:35
Total/NA	Analysis	8015M/D		1	12456	EM	EET ALB	09/18/24 10:16
Total/NA	Prep	300_Prep			12453	EH	EET ALB	09/18/24 09:25
Total/NA	Analysis	300.0		20	12529	EH	EET ALB	09/18/24 16:58

Client Sample ID: S-7

Date Collected: 09/17/24 09:05 Date Received: 09/18/24 07:25

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			12440	JP	EET ALB	09/18/24 08:47
Total/NA	Analysis	8015M/D		1	12495	JP	EET ALB	09/18/24 12:40
Total/NA	Prep	5035			12440	JP	EET ALB	09/18/24 08:47
Total/NA	Analysis	8021B		1	12497	JP	EET ALB	09/18/24 12:40
Total/NA	Prep	SHAKE			12436	EM	EET ALB	09/18/24 08:35
Total/NA	Analysis	8015M/D		1	12456	EM	EET ALB	09/18/24 10:27
Total/NA	Prep	300_Prep			12453	EH	EET ALB	09/18/24 09:25
Total/NA	Analysis	300.0		20	12529	EH	EET ALB	09/18/24 17:36

Client Sample ID: S-8

Date Collected: 09/17/24 09:10 Date Received: 09/18/24 07:25

	Batch	Batch		Dilution	Batch			Prepared
Ргер Туре	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			12440	JP	EET ALB	09/18/24 08:47
Total/NA	Analysis	8015M/D		1	12495	JP	EET ALB	09/18/24 13:04
Total/NA	Prep	5035			12440	JP	EET ALB	09/18/24 08:47
Total/NA	Analysis	8021B		1	12497	JP	EET ALB	09/18/24 13:04
Total/NA	Prep	SHAKE			12436	EM	EET ALB	09/18/24 08:35
Total/NA	Analysis	8015M/D		1	12456	EM	EET ALB	09/18/24 10:37
Total/NA	Prep	300_Prep			12453	EH	EET ALB	09/18/24 09:25
Total/NA	Analysis	300.0		20	12529	EH	EET ALB	09/18/24 17:49

Client Sample ID: S-9 Date Collected: 09/17/24 09:15

Date Received: 09/18/24 07:25

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			12440	JP	EET ALB	09/18/24 08:47
Total/NA	Analysis	8015M/D		1	12495	JP	EET ALB	09/18/24 13:27

Matrix: Solid

Eurofins Albuquerque

Page 97 of 151

Lab Chronicle

Job ID: 885-12020-1

Lab Sample ID: 885-12020-4 Matrix: Solid

Lab Sample ID: 885-12020-5

Date Collected: 09/17/24 09:15 Date Received: 09/18/24 07:25

Client Sample ID: S-9

Project/Site: Angel Peak 2C-89

Client: Ensolum

	Batch	Batch		Dilution	Batch			Prepared
Ргер Туре	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			12440	JP	EET ALB	09/18/24 08:47
Total/NA	Analysis	8021B		1	12497	JP	EET ALB	09/18/24 13:27
Total/NA	Prep	SHAKE			12436	EM	EET ALB	09/18/24 08:35
Total/NA	Analysis	8015M/D		1	12456	EM	EET ALB	09/18/24 10:48
Total/NA	Prep	300_Prep			12453	EH	EET ALB	09/18/24 09:25
Total/NA	Analysis	300.0		20	12529	EH	EET ALB	09/18/24 18:02

Client Sample ID: S-10 Date Collected: 09/17/24 09:20 Date Received: 09/18/24 07:25

	Batch	Batch		Dilution	Batch			Prepared
Ргер Туре	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			12440	JP	EET ALB	09/18/24 08:47
Total/NA	Analysis	8015M/D		1	12495	JP	EET ALB	09/18/24 13:50
Total/NA	Prep	5035			12440	JP	EET ALB	09/18/24 08:47
Total/NA	Analysis	8021B		1	12497	JP	EET ALB	09/18/24 13:50
Total/NA	Prep	SHAKE			12436	EM	EET ALB	09/18/24 08:35
Total/NA	Analysis	8015M/D		1	12456	EM	EET ALB	09/18/24 10:59
Total/NA	Prep	300_Prep			12453	EH	EET ALB	09/18/24 09:25
Total/NA	Analysis	300.0		20	12529	EH	EET ALB	09/18/24 18:15

Client Sample ID: S-11 Date Collected: 09/17/24 09:25 Date Received: 09/18/24 07:25

Lab Sample ID: 885-12020-6

Lab Sample ID: 885-12020-7

Matrix: Solid

Matrix: Solid

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Ргер Туре	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			12440	JP	EET ALB	09/18/24 08:47
Total/NA	Analysis	8015M/D		1	12495	JP	EET ALB	09/18/24 14:14
Total/NA	Prep	5035			12440	JP	EET ALB	09/18/24 08:47
Total/NA	Analysis	8021B		1	12497	JP	EET ALB	09/18/24 14:14
Total/NA	Prep	SHAKE			12436	EM	EET ALB	09/18/24 08:35
Total/NA	Analysis	8015M/D		1	12456	EM	EET ALB	09/18/24 11:10
Total/NA	Prep	300_Prep			12453	EH	EET ALB	09/18/24 09:25
Total/NA	Analysis	300.0		20	12529	EH	EET ALB	09/18/24 18:28

Client Sample ID: S-12 Date Collected: 09/17/24 09:30 Date Received: 09/18/24 07:25

_	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			12441	JP	EET ALB	09/18/24 08:48
Total/NA	Analysis	8015M/D		1	12491	AT	EET ALB	09/18/24 11:20
Total/NA	Prep	5035			12441	JP	EET ALB	09/18/24 08:48
Total/NA	Analysis	8021B		1	12493	AT	EET ALB	09/18/24 11:20

Eurofins Albuquerque

5

8

Lab Chronicle

Job ID: 885-12020-1

Matrix: Solid

Matrix: Solid

Lab Sample ID: 885-12020-7

Lab Sample ID: 885-12020-8

Project/Site: Angel Peak 2C-89 Client Sample ID: S-12

Client: Ensolum

Date Collected: 09/17/24 09:30 Date Received: 09/18/24 07:25

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	SHAKE			12436	EM	EET ALB	09/18/24 08:35
Total/NA	Analysis	8015M/D		1	12456	EM	EET ALB	09/18/24 11:20
Total/NA	Prep	300_Prep			12453	EH	EET ALB	09/18/24 09:25
Total/NA	Analysis	300.0		20	12529	EH	EET ALB	09/18/24 19:07

Client Sample ID: S-13 Date Collected: 09/17/24 09:35 Date Received: 09/18/24 07:25

	Batch	Batch		Dilution	Batch			Prepared
Ргер Туре	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			12441	JP	EET ALB	09/18/24 08:48
Total/NA	Analysis	8015M/D		1	12491	AT	EET ALB	09/18/24 11:41
Total/NA	Prep	5035			12441	JP	EET ALB	09/18/24 08:48
Total/NA	Analysis	8021B		1	12493	AT	EET ALB	09/18/24 11:41
Total/NA	Prep	SHAKE			12436	EM	EET ALB	09/18/24 08:35
Total/NA	Analysis	8015M/D		1	12456	EM	EET ALB	09/18/24 11:31
Total/NA	Prep	300_Prep			12453	EH	EET ALB	09/18/24 09:25
Total/NA	Analysis	300.0		20	12529	EH	EET ALB	09/18/24 19:19

Client Sample ID: S-14 Date Collected: 09/17/24 09:40 Date Received: 09/18/24 07:25

Batch Batch Dilution Batch Prepared Prep Type Туре Method Run Factor Number Analyst Lab or Analyzed Total/NA 5035 12441 JP EET ALB 09/18/24 08:48 Prep Total/NA Analysis 8015M/D 12491 AT EET ALB 09/18/24 12:03 1 Total/NA 5035 12441 JP EET ALB 09/18/24 08:48 Prep Total/NA 8021B EET ALB 09/18/24 12:03 Analysis 1 12493 AT Total/NA EET ALB 09/18/24 08:35 Prep SHAKE 12436 EM Total/NA 8015M/D 12456 EM EET ALB 09/18/24 11:53 Analysis 1 Total/NA 300 Prep EET ALB 09/18/24 09:25 Prep 12453 EH Total/NA EET ALB 09/18/24 19:32 Analysis 300.0 20 12529 EH

Client Sample ID: S-15 Date Collected: 09/17/24 09:45

Date Received: 09/18/24 07:25

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			12441	JP	EET ALB	09/18/24 08:48
Total/NA	Analysis	8015M/D		1	12491	AT	EET ALB	09/18/24 12:25
Total/NA	Prep	5035			12441	JP	EET ALB	09/18/24 08:48
Total/NA	Analysis	8021B		1	12493	AT	EET ALB	09/18/24 12:25
Total/NA	Prep	SHAKE			12436	EM	EET ALB	09/18/24 08:35
Total/NA	Analysis	8015M/D		1	12456	EM	EET ALB	09/18/24 12:03

Lab Sample ID: 885-12020-9 Matrix: Solid

Lab Sample ID: 885-12020-10 Matrix: Solid

Eurofins Albuquerque

st 77 0j 151

8

Released to Imaging: 3/4/2025 8:55:21 AM

Project/Site: Angel Peak 2C-89

Date Collected: 09/17/24 09:45

Date Received: 09/18/24 07:25

Batch

Туре Prep

Analysis

Batch

300.0

Method

300_Prep

Client Sample ID: S-15

Client Sample ID: S-16

Date Collected: 09/17/24 09:50

Client: Ensolum

Prep Type

Total/NA

Total/NA

Ргер Туре

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Matrix: Solid

Matrix: Solid

Matrix: Solid

Lab Chronicle

Dilution

Factor

20

Run

Job ID: 885-12020-1

Lab Sample ID: 885-12020-10

Lab Sample ID: 885-12020-11

Lab Sample ID: 885-12020-12

Prepared

or Analyzed

09/18/24 09:25

09/18/24 19:45

5 8

Date Received: 09/18/24 07:25 Batch Batch Dilution Batch Prepared Туре Method Run Factor Number Analyst Lab or Analyzed 5035 12441 JP EET ALB 09/18/24 08:48 Prep 8015M/D 09/18/24 12:47 Analysis 1 12491 AT EET ALB 5035 09/18/24 08:48 Prep 12441 JP EET ALB 8021B 12493 AT EET ALB 09/18/24 12:47 Analysis 1 Prep SHAKE 12436 ΕM EET ALB 09/18/24 08:35 8015M/D ΕM EET ALB 09/18/24 12:14 Analysis 1 12456 09/18/24 09:25 Prep 300 Prep 12453 EΗ EET ALB 12612 EH Analysis 300.0 20 EET ALB 09/19/24 09:48

Batch

Number

12453 EH

12529 EH

Analyst

Lab

EET ALB

EET ALB

Client Sample ID: S-17 Date Collected: 09/17/24 09:55 Date Received: 09/18/24 07:25

Batch Batch Dilution Batch Prepared Ргер Туре Туре Method Run Factor Number Analyst Lab or Analyzed Total/NA 5035 JP EET ALB 09/18/24 08:48 Prep 12441 Total/NA 09/18/24 13:09 Analysis 8015M/D 12491 AT EET ALB 1 Total/NA 5035 12441 JP EET ALB 09/18/24 08:48 Prep Total/NA 8021B 12493 AT EET ALB 09/18/24 13:09 Analysis 1 Total/NA SHAKE EET ALB 09/18/24 08:35 Prep 12436 ΕM Total/NA 8015M/D EET ALB 09/18/24 12:25 Analysis 1 12456 FM Total/NA 09/18/24 09:25 Prep 300 Prep 12453 ΕH EET ALB Total/NA 300.0 12612 EH EET ALB 09/19/24 10:26 Analysis 20

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Job ID: 885-12020-1

Accreditation/Certification Summary

Client: Ensolum	
Project/Site: Angel Peak 2C-89	9

Project/Site: Angel Peak 2C-89

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

AuthorityProgramIdentification NumberExpiration DateOregonNELAPNM10000102-26-25

HALLENVIRONME HALLENVIRONME ANALYSIS LABOR ANALYSIS LABOR www.hallenvironmental.com www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 Analysis Request	BTEX / MSE/ / THE's (8021) TPH:8015D(GRO / DRO / MRO) 8081 Pesticides/8082 PCB's BDB (Method 504.1) PAHs by 8310 or 8270SIMS RCRA 8 Metals RCRA 8 Metals RCRA 8 Metals CDF TBr, M93, MDF, PC, SC, 8260 (VOA) 8260 (VOA) Total Coliform (Present/Absent) Total Coliform (Present/Absent)					Date Time Remarks: Int/24 15/5 Date Time Pate Time Pate Time Phild 05 Phild 205 Phild 205
Turn-Around Time: Nrv名 Standard & Rush アー18-24 Project Name: Angel Peak 20-89 Project #:	Project Manager: f Sampler: f Summers Sampler: f Summers Sampler: f Summers On Ice: \Box Yes \Box No f of Coolers: Z No No ; $vto Cooler Temp(Including CF): 1; 1; 1; 0; 1; 1; 1; 0; 1; 1; 1; 0; 1; 1; 1; 0; 1; 1; 1; 0; 1; 1; 1; 0; 1; 1; 1; 1; 0; 1; 1; 1; 1; 1; 1; 1; 1$	Her Jay Coar 1 1		0 7 0	2 J J L	Via: Via: CUULIA C
Client: Ensolum Client: Ensolum Mailing Address: 6cd S Riv Grade Suit A 877/10 Phone #:	email or Fax#: QA/QC Package: Carloard Level 4 (Full Validation) Accreditation: Daz Compliance NELAC Other Carloard Carloard Date Time Matrix Sample Name	17 900 5 5-6 17 905 5 5-7	7/17 500 5 5-8 9/17 905 5 5-9 9/17 920 5 5-9 7.10	2 226 2 226 2 226	7 9500 7 9500 7 9500	Date: Time: Relinquished by: I SIS Relinquished by: Time: Relinquished by: Received by: If necessary, samdes submitted to Hall Environmental may be subcontracted to other

Page 102 of 151

Received by OCD: 3/3/2025 7:32:59 AM

Login Sample Receipt Checklist

Client: Ensolum

Login Number: 12020 List Number: 1 Creator: McQuiston, Steven

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	True	

Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").

11

Job Number: 885-12020-1

List Source: Eurofins Albuquerque

Received by OCD: 3/3/2025 7:32:59 AM



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Kyle Summers Ensolum 606 S Rio Grande Suite A Aztec, New Mexico 87410 Generated 10/4/2024 12:09:59 PM

JOB DESCRIPTION

Angel Peak 2C-89

JOB NUMBER

885-12706-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109





Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization

Authorized for release by John Caldwell, Project Manager john.caldwell@et.eurofinsus.com (505)345-3975 Generated 10/4/2024 12:09:59 PM

2 3

Table of Contents

1
3
4
5
6
14
17
20
23
24
25

Definitions/Glossary

Client: Ensolum Project/Site: Angel Peak 2C-89

Glossary Abbreviation

¤

Job ID: 885-12706-1

3
5
8
9

Eurofins Albuquerque

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

These commonly used abbreviations may or may not be present in this report. Listed under the "D" column to designate that the result is reported on a dry weight basis

Case Narrative

Client: Ensolum Project: Angel Peak 2C-89

Eurofins Albuquerque

1 2 3 4 5 6 7 8 9 10

Page 108 of 151

Job ID: 885-12706-1

Eurofins Albu

Job Narrative 885-12706-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these
 situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise
 specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 9/27/2024 7:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.2°C.

Receipt Exceptions

The Field Sampler was not listed on the Chain of Custody.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

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

HPLC/IC

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

Eurofins Albuquerque
5

Job ID: 885-12706-1

Lab Sample ID: 885-12706-1 Matrix: Solid

Client Sample ID: S-18 Date Collected: 09/26/24 12:00 Date Received: 09/27/24 07:10

Project/Site: Angel Peak 2C-89

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.2	mg/Kg		09/27/24 09:21	09/27/24 12:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		35 - 166			09/27/24 09:21	09/27/24 12:18	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016	mg/Kg		09/27/24 09:21	09/27/24 12:18	1
Ethylbenzene	ND		0.032	mg/Kg		09/27/24 09:21	09/27/24 12:18	1
Toluene	ND		0.032	mg/Kg		09/27/24 09:21	09/27/24 12:18	1
Xylenes, Total	ND		0.063	mg/Kg		09/27/24 09:21	09/27/24 12:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			09/27/24 09:21	09/27/24 12:18	1
Method: SW846 8015M/D - Diese	l Range Organ	ics (DRO) (GC)					
	• •	<mark>ics (DRO) (</mark> Qualifier	GC) RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	• •			<mark>Unit</mark> mg/Kg	<u>D</u>	Prepared 09/27/24 09:21	Analyzed	Dil Fac
Analyte Diesel Range Organics [C10-C28]	Result				<u>D</u>	· · ·		
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	_ ResultND	Qualifier		mg/Kg	<u>D</u>	09/27/24 09:21	09/27/24 11:26	1
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate	ResultND	Qualifier	RL 9.8 49	mg/Kg	<u> </u>	09/27/24 09:21 09/27/24 09:21	09/27/24 11:26 09/27/24 11:26	1 1 Dil Fac
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	Result ND ND %Recovery 95	Qualifier		mg/Kg	<u>D</u>	09/27/24 09:21 09/27/24 09:21 Prepared	09/27/24 11:26 09/27/24 11:26 Analyzed	1
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, Ion Analyte	Result ND ND <i>%Recovery</i> 95 Chromatograp	Qualifier		mg/Kg	D	09/27/24 09:21 09/27/24 09:21 Prepared	09/27/24 11:26 09/27/24 11:26 Analyzed	1 1 Dil Fac

5

Job ID: 885-12706-1

Lab Sample ID: 885-12706-2 Matrix: Solid

Date Collected: 09/26/24 12:05 Date Received: 09/27/24 07:10

Client Sample ID: S-19

Project/Site: Angel Peak 2C-89

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.3	mg/Kg		09/27/24 09:21	09/27/24 12:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		35 - 166			09/27/24 09:21	09/27/24 12:40	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.017	mg/Kg		09/27/24 09:21	09/27/24 12:40	1
Ethylbenzene	ND		0.033	mg/Kg		09/27/24 09:21	09/27/24 12:40	1
Toluene	ND		0.033	mg/Kg		09/27/24 09:21	09/27/24 12:40	1
Xylenes, Total	ND		0.067	mg/Kg		09/27/24 09:21	09/27/24 12:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		48 - 145			09/27/24 09:21	09/27/24 12:40	1
Method: SW846 8015M/D - Diese	l Range Organ	ics (DRO) (0	GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		09/27/24 09:21	09/27/24 11:37	1
	ND		47	mg/Kg		09/27/24 09:21	09/27/24 11:37	1
Motor Oil Range Organics [C28-C40]	ND							
	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Surrogate		Qualifier	Limits 62 - 134			Prepared 09/27/24 09:21	Analyzed 09/27/24 11:37	Dil Fac
Surrogate Di-n-octyl phthalate (Surr)	%Recovery 98					· · · · · · · · · · · · · · · · · · ·		Dil Fac
Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, Ion Analyte	%Recovery 98 Chromatograp			Unit	D	· · · · · · · · · · · · · · · · · · ·		Dil Fac

5

Job ID: 885-12706-1

Lab Sample ID: 885-12706-3 Matrix: Solid

Date Collected: 09/26/24 12:10 Date Received: 09/27/24 07:10

Client Sample ID: S-20

Project/Site: Angel Peak 2C-89

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.1	mg/Kg		09/27/24 09:21	09/27/24 13:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		35 - 166			09/27/24 09:21	09/27/24 13:02	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC))					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020	mg/Kg		09/27/24 09:21	09/27/24 13:02	1
Ethylbenzene	ND		0.041	mg/Kg		09/27/24 09:21	09/27/24 13:02	1
Toluene	ND		0.041	mg/Kg		09/27/24 09:21	09/27/24 13:02	1
Xylenes, Total	ND		0.081	mg/Kg		09/27/24 09:21	09/27/24 13:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		48 - 145			09/27/24 09:21	09/27/24 13:02	1
Method: SW846 8015M/D - Diese	l Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		09/27/24 09:21	09/27/24 11:48	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		09/27/24 09:21	09/27/24 11:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97	·	62 - 134			09/27/24 09:21	09/27/24 11:48	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	ohy						
Method: EPA 300.0 - Anions, Ion Analyte		ohy Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

Job ID: 885-12706-1

Lab Sample ID: 885-12706-4 Matrix: Solid

Date Collected: 09/26/24 12:20 Date Received: 09/27/24 07:10

Client Sample ID: S-21

Project/Site: Angel Peak 2C-89

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.1	mg/Kg		09/27/24 09:21	09/27/24 13:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		35 - 166			09/27/24 09:21	09/27/24 13:24	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016	mg/Kg		09/27/24 09:21	09/27/24 13:24	1
Ethylbenzene	ND		0.031	mg/Kg		09/27/24 09:21	09/27/24 13:24	1
Toluene	ND		0.031	mg/Kg		09/27/24 09:21	09/27/24 13:24	1
Xylenes, Total	ND		0.062	mg/Kg		09/27/24 09:21	09/27/24 13:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		48 - 145			09/27/24 09:21	09/27/24 13:24	1
Method: SW846 8015M/D - Diese	l Range Organ	ICS (DRU) (1	30)					
	• •	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	• •		· ·	Unit mg/Kg	D	Prepared 09/27/24 09:21	Analyzed 09/27/24 11:58	Dil Fac
Analyte Diesel Range Organics [C10-C28]	Result				<u>D</u>			
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	_ ResultND		RL 9.4	mg/Kg	<u> </u>	09/27/24 09:21	09/27/24 11:58	1
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate	Result	Qualifier	RL 9.4 47	mg/Kg	<u> </u>	09/27/24 09:21 09/27/24 09:21	09/27/24 11:58 09/27/24 11:58	1
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	Result ND ND %Recovery 101	Qualifier		mg/Kg	<u> </u>	09/27/24 09:21 09/27/24 09:21 Prepared	09/27/24 11:58 09/27/24 11:58 Analyzed	1 1 Dil Fac
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, Ion Analyte	Result ND ND <u>%Recovery</u> 101 Chromatograp	Qualifier		mg/Kg	<u>D</u>	09/27/24 09:21 09/27/24 09:21 Prepared	09/27/24 11:58 09/27/24 11:58 Analyzed	1 1 Dil Fac

5

Job ID: 885-12706-1

Lab Sample ID: 885-12706-5 Matrix: Solid

Client Sample ID: S-22 Date Collected: 09/26/24 12:30 Date Received: 09/27/24 07:10

Project/Site: Angel Peak 2C-89

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.2	mg/Kg		09/27/24 09:21	09/27/24 13:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		35 - 166			09/27/24 09:21	09/27/24 13:45	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC))					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021	mg/Kg		09/27/24 09:21	09/27/24 13:45	1
Ethylbenzene	ND		0.042	mg/Kg		09/27/24 09:21	09/27/24 13:45	1
Toluene	ND		0.042	mg/Kg		09/27/24 09:21	09/27/24 13:45	1
Xylenes, Total	ND		0.084	mg/Kg		09/27/24 09:21	09/27/24 13:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		48 - 145			09/27/24 09:21	09/27/24 13:45	1
Method: SW846 8015M/D - Diese	l Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	, RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6	mg/Kg		09/27/24 09:21	09/27/24 12:09	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		09/27/24 09:21	09/27/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
	%Recovery 96	Qualifier	Limits 62 - 134			Prepared 09/27/24 09:21	Analyzed 09/27/24 12:09	Dil Fac
Di-n-octyl phthalate (Surr)	96							Dil Fac
Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, Ion Analyte	96 Chromatograp			Unit	D			Dil Fac 1 Dil Fac

Released to Imaging: 3/4/2025 8:55:21 AM

5

Job ID: 885-12706-1

Lab Sample ID: 885-12706-6 Matrix: Solid

Client Sample ID: S-23 Date Collected: 09/26/24 12:40 Date Received: 09/27/24 07:10

Project/Site: Angel Peak 2C-89

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.7	mg/Kg		09/27/24 09:21	09/27/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			35 - 166			09/27/24 09:21	09/27/24 14:07	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	mg/Kg		09/27/24 09:21	09/27/24 14:07	1
Ethylbenzene	ND		0.037	mg/Kg		09/27/24 09:21	09/27/24 14:07	1
Toluene	ND		0.037	mg/Kg		09/27/24 09:21	09/27/24 14:07	1
Xylenes, Total	ND		0.074	mg/Kg		09/27/24 09:21	09/27/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		48 - 145			09/27/24 09:21	09/27/24 14:07	1
Method: SW846 8015M/D - Diese	l Range Organ	ics (DRO) (GC)					
			· ·			_		
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
•	_ Result	Qualifier	<u></u> 9.8	Unit mg/Kg	D	Prepared 09/27/24 09:21	Analyzed 09/27/24 12:20	Dil Fac
Diesel Range Organics [C10-C28]		Qualifier			<u> </u>			1
Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	ND	Qualifier	9.8	mg/Kg	<u>D</u>	09/27/24 09:21	09/27/24 12:20	1
Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate	ND ND		9.8 49	mg/Kg	<u> </u>	09/27/24 09:21 09/27/24 09:21	09/27/24 12:20 09/27/24 12:20	
Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	ND ND %Recovery 101	Qualifier	9.8 49 <i>Limits</i>	mg/Kg	<u> </u>	09/27/24 09:21 09/27/24 09:21 Prepared	09/27/24 12:20 09/27/24 12:20 Analyzed	1 Dil Fac
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, Ion Analyte	ND ND %Recovery 101 Chromatograp	Qualifier	9.8 49 <i>Limits</i>	mg/Kg	<u>D</u>	09/27/24 09:21 09/27/24 09:21 Prepared	09/27/24 12:20 09/27/24 12:20 Analyzed	1 1 Dil Fac

5

Job ID: 885-12706-1

Lab Sample ID: 885-12706-7 Matrix: Solid

Client Sample ID: S-24 Date Collected: 09/26/24 12:50 Date Received: 09/27/24 07:10

Project/Site: Angel Peak 2C-89

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.9	mg/Kg		09/27/24 09:21	09/27/24 14:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			09/27/24 09:21	09/27/24 14:29	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC))					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019	mg/Kg		09/27/24 09:21	09/27/24 14:29	1
Ethylbenzene	ND		0.039	mg/Kg		09/27/24 09:21	09/27/24 14:29	1
Toluene	ND		0.039	mg/Kg		09/27/24 09:21	09/27/24 14:29	1
Xylenes, Total	ND		0.078	mg/Kg		09/27/24 09:21	09/27/24 14:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		48 - 145			09/27/24 09:21	09/27/24 14:29	1
Method: SW846 8015M/D - Diese	l Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		09/27/24 09:21	09/27/24 12:31	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		09/27/24 09:21	09/27/24 12:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	104		62 - 134			09/27/24 09:21	09/27/24 12:31	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	ohy						
Method: EPA 300.0 - Anions, Ion Analyte		o <mark>hy</mark> Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

-

5

Job ID: 885-12706-1

Lab Sample ID: 885-12706-8 Matrix: Solid

Client Sample ID: S-25 Date Collected: 09/26/24 13:00 Date Received: 09/27/24 07:10

Project/Site: Angel Peak 2C-89

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.3	mg/Kg		09/27/24 09:21	09/27/24 14:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		35 - 166			09/27/24 09:21	09/27/24 14:50	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC))					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.022	mg/Kg		09/27/24 09:21	09/27/24 14:50	1
Ethylbenzene	ND		0.043	mg/Kg		09/27/24 09:21	09/27/24 14:50	1
Toluene	ND		0.043	mg/Kg		09/27/24 09:21	09/27/24 14:50	1
Xylenes, Total	ND		0.087	mg/Kg		09/27/24 09:21	09/27/24 14:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		48 - 145			09/27/24 09:21	09/27/24 14:50	1
Method: SW846 8015M/D - Diese	Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		09/27/24 09:21	09/27/24 12:41	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		09/27/24 09:21	09/27/24 12:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Surroyate			62 - 134			09/27/24 09:21	09/27/24 12:41	
-	104		02 - 134					·
Di-n-octyl phthalate (Surr)		ohy	62 - 134					
Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, Ion Analyte	Chromatograp	o <mark>hy</mark> Qualifier	62 - 734 RL	Unit	D	Prepared	Analyzed	Dil Fac

QC Sample Results

5 6

Job ID: 885-12706-1

Client: Ensolum Project/Site: Angel Peak 2C-89

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-13151/	/1- A							Client Sa	ample ID: Meth	nod Blanl
Matrix: Solid									Prep Type	: Total/N/
Analysis Batch: 13193									Prep Bat	ch: 1315 [,]
		MB MB								
Analyte	Re	sult Qu	alifier	RL	Unit	:	D F	Prepared	Analyzed	Dil Fa
Gasoline Range Organics [C6 - C10]		ND		5.0	mg/	Kg	09/2	27/24 09:21	09/27/24 11:56	
		MB MB								
Surrogate	%Reco			nits			F	Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)		108	35	- 166				27/24 09:21		;
-										
Lab Sample ID: LCS 885-13151	1/2-A						Clien	t Sample	ID: Lab Contro	
Matrix: Solid									Prep Type	
Analysis Batch: 13193			• "						Prep Bat	ch: 1315 [,]
			Spike		LCS		_		%Rec	
Analyte			Added		Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics [C6 - C10]			25.0	25.4		mg/Kg		102	10 - 130	
610]										
	LCS									
Surrogate		Qualifier		_						
4-Bromofluorobenzene (Surr) _	220		35 - 166							
Lab Sample ID: 885-12706-1 M	s								Client Sampl	e ID: S-18
Matrix: Solid	•								Prep Type	
Analysis Batch: 13193									Prep Bat	
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	-	Qualifier			Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics [C6 -	ND		15.8	13.5		mg/Kg		85	70 - 130	
C10]										
	MS	мs								
Surrogate	%Recovery		Limits							
4-Bromofluorobenzene (Surr)	205		35 - 166	_						
-										
Lob Comple ID: 005 10706 1 M	SD								Client Sampl	
Lab Sample ID: 885-12706-1 M	00									
Matrix: Solid	00								Prep Type	
			0.1						Prep Bat	ch: 1315
Matrix: Solid Analysis Batch: 13193	Sample		Spike		MSD	11 14		% D	Prep Bat %Rec	ch: 1315 RPI
Matrix: Solid Analysis Batch: 13193 ^{Analyte}	Sample Result	Sample Qualifier	Added	Result		_ Unit	D	<u>%Rec</u> _	Prep Bat %Rec Limits R	ch: 1315 RPI PD Limi
Matrix: Solid Analysis Batch: 13193 Analyte Gasoline Range Organics [C6 -	Sample		•	Result		<mark>Unit</mark> mg/Kg	<u>D</u>	<mark>%Rec</mark>	Prep Bat %Rec	ch: 1315 RPI
Matrix: Solid Analysis Batch: 13193 ^{Analyte}	Sample Result ND	Qualifier	Added	Result			<u>D</u>		Prep Bat %Rec Limits R	ch: 1315 RPI PD Limi
Matrix: Solid Analysis Batch: 13193 Analyte Gasoline Range Organics [C6 - C10]	Sample Result ND MSD	Qualifier MSD	Added 15.8	Result			<u>D</u>		Prep Bat %Rec Limits R	ch: 1315 RPI PD Limi
Matrix: Solid Analysis Batch: 13193 Analyte Gasoline Range Organics [C6 - C10] Surrogate	Sample Result ND MSD %Recovery	Qualifier MSD	Added 15.8	Result 15.5			<u> </u>		Prep Bat %Rec Limits R	ch: 1315 RPI PD Limi
Matrix: Solid Analysis Batch: 13193 Analyte Gasoline Range Organics [C6 - C10]	Sample Result ND MSD	Qualifier MSD	Added 15.8	Result 15.5			<u>D</u>		Prep Bat %Rec Limits R	ch: 1315 RPI PD Limi
Matrix: Solid Analysis Batch: 13193 Analyte Gasoline Range Organics [C6 - C10] Surrogate 4-Bromofluorobenzene (Surr)	Sample Result ND MSD %Recovery 206	Qualifier MSD Qualifier	Added 15.8 	Result 15.5			<u>D</u>		Prep Bat %Rec Limits R	ch: 1315 RPI PD Limi
Matrix: Solid Analysis Batch: 13193 Analyte Gasoline Range Organics [C6 - C10] Surrogate 4-Bromofluorobenzene (Surr) Method: 8021B - Volatile O	Sample Result ND <i>MSD</i> %Recovery 206 rganic Con	Qualifier MSD Qualifier	Added 15.8 	Result 15.5			<u>D</u>	98	Prep Bat %Rec Limits R 70 - 130	ch: 1315 RPI 14 Limi 2
Matrix: Solid Analysis Batch: 13193 Analyte Gasoline Range Organics [C6 - C10] Surrogate 4-Bromofluorobenzene (Surr) Method: 8021B - Volatile O Lab Sample ID: MB 885-13151/	Sample Result ND <i>MSD</i> %Recovery 206 rganic Con	Qualifier MSD Qualifier	Added 15.8 	Result 15.5			<u>D</u>	98	Prep Bat %Rec Limits R 70 - 130	ch: 1315 RPI 14 Limi 20
Matrix: Solid Analysis Batch: 13193 Analyte Gasoline Range Organics [C6 - C10] Surrogate 4-Bromofluorobenzene (Surr) Method: 8021B - Volatile O Lab Sample ID: MB 885-13151/ Matrix: Solid	Sample Result ND <i>MSD</i> %Recovery 206 rganic Con	Qualifier MSD Qualifier	Added 15.8 	Result 15.5			<u>D</u>	98	Prep Bat %Rec Limits R 70 - 130	ch: 1315 RPI 14 Limi 20 20 20 20 20 20 20 20 20 20 20 20 20
Matrix: Solid Analysis Batch: 13193 Analyte Gasoline Range Organics [C6 - C10] Surrogate 4-Bromofluorobenzene (Surr) Method: 8021B - Volatile O Lab Sample ID: MB 885-13151/	Sample Result ND <i>MSD</i> %Recovery 206 rganic Con	Qualifier MSD Qualifier	<u>Added</u> 15.8 <u>Limits</u> 35 - 166 ds (GC)	Result 15.5			<u>D</u>	98	Prep Bat %Rec Limits R 70 - 130	ch: 1315 RPI 14 Limi 20 20 20 20 20 20 20 20 20 20 20 20 20

09/27/24 09:21

mg/Kg

Eurofins Albuquerque

09/27/24 11:56

Benzene

Toluene

Ethylbenzene

0.025

ND

ND

ND

1

Lab Sample ID: MB 885-13151/1-A

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

MB MB

Result Qualifier

RL

Unit

D

Prepared

Job ID: 885-12706-1

Client: Ensolum Project/Site: Angel Peak 2C-89

Matrix: Solid

Analyte

Analysis Batch: 13194

Client Sample ID: Method Blank Prep Type: Total/NA Prep Batch: 13151

Analyzed

tal/NA 13151	
Dil Fac	5
1	6
Dil Fac	
1 ample	8
tal/NA 13151	9

Xylenes, Total		ND	0.10		mg/k	(g	09/2	7/24 09:21	09/27/24 11:56	1
		MB MB								
Surrogate	%Reco	very Qualifie	r Limits				P	repared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)		106	48 - 145				09/2	27/24 09:21	09/27/24 11:56	1
Lab Sample ID: LCS 885-131	151/3-A						Client	Sample	ID: Lab Control	
Matrix: Solid									Prep Type:	
Analysis Batch: 13194									Prep Batc	h: 13151
			Spike		LCS				%Rec	
Analyte			Added		Qualifier	Unit	D	%Rec	Limits	
Benzene			1.00	1.04		mg/Kg		104	70 - 130	
Ethylbenzene			1.00	1.05		mg/Kg		105	70 - 130	
Toluene			1.00	1.04		mg/Kg		104	70 - 130	
Xylenes, Total			3.00	3.13		mg/Kg		104	70 - 130	
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)			48 - 145							
Lab Sample ID: 885-12706-2	MS								Client Sample	
Matrix: Solid									Prep Type:	
Analysis Batch: 13194									Prep Batc	h: 13151
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte		Qualifier	Added		Qualifier	Unit	D	%Rec	Limits	
Benzene	ND		0.666	0.668		mg/Kg		100	70 - 130	
Ethylbenzene	ND		0.666	0.676		mg/Kg		101	70 - 130	
Toluene	ND		0.666	0.679		mg/Kg		102	70 - 130	
Xylenes, Total	ND		2.00	2.02		mg/Kg		101	70 - 130	
	MS	MS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	102		48 - 145							
Lab Sample ID: 885-12706-2	MSD								Client Sample	ID: S-10
Matrix: Solid										
									Prep Type:	
Analysis Batch: 13194	• •	0	0		MOR				Prep Batc	
	Sample	Sample	Spike	WSD	MSD				%Rec	RPI

Analysis Batch: 13194									Prep	Batch:	13151
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	ND		0.666	0.667		mg/Kg		100	70 - 130	0	20
Ethylbenzene	ND		0.666	0.675		mg/Kg		101	70 - 130	0	20
Toluene	ND		0.666	0.674		mg/Kg		101	70 - 130	1	20
Xylenes, Total	ND		2.00	2.02		mg/Kg		101	70 - 130	0	20
	MSD	MSD									

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		48 - 145

Eurofins Albuquerque

Released to Imaging: 3/4/2025 8:55:21 AM

QC Sample Results

Client: Ensolum

Project/Site: Angel Peak 2C-89

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Matrix: Solid											Prep Type:	
Analysis Batch: 13161											Prep Bato	h: 1315
	MB	MB										
Analyte	Result	Qualifier		RL		Unit		D	P	repared	Analyzed	Dil Fa
Diesel Range Organics [C10-C28]	ND			10		mg/Kg	•			7/24 09:21	09/27/24 11:05	
Motor Oil Range Organics [C28-C40]	ND			50		mg/Kg	9		09/2	7/24 09:21	09/27/24 11:05	
	МВ											
Surrogate	%Recovery	Qualifier								repared	Analyzed	Dil Fa
Di-n-octyl phthalate (Surr)	92		62 - 13	34					09/2	27/24 09:21	09/27/24 11:05	
Lab Sample ID: LCS 885-13152/2	2-A							С	lient	Sample	ID: Lab Contro	I Sample
Matrix: Solid											Prep Type:	Total/N/
Analysis Batch: 13161											Prep Bato	h: 1315
			Spike	L	S LCS	3					%Rec	
Analyte			Added	Res	ult Qua	alifier	Unit		D	%Rec	Limits	
Diesel Range Organics			50.0	43	5.7		mg/Kg			87	60 - 135	
	LCS LCS	;										
Surrogate	%Recovery Qua	lifier	Limits									
Di-n-octyl phthalate (Surr)	93 Chromatogr	aphy	62 - 134									
Di-n-octyl phthalate (Surr) ethod: 300.0 - Anions, Ion Lab Sample ID: MB 885-13153/1- Matrix: Solid	Chromatogr	aphy	62 - 134							Client Sa	ample ID: Meth Prep Type:	Total/N
Di-n-octyl phthalate (Surr) ethod: 300.0 - Anions, Ion Lab Sample ID: MB 885-13153/1- Matrix: Solid	Chromatogr -A		62 - 134							Client Sa		Total/N
Di-n-octyl phthalate (Surr) ethod: 300.0 - Anions, Ion Lab Sample ID: MB 885-13153/1- Matrix: Solid Analysis Batch: 13191	Chromatogr -A MB	мв	62 - 134								Prep Type: Prep Bato	Total/N/ h: 1315
Di-n-octyl phthalate (Surr) ethod: 300.0 - Anions, Ion Lab Sample ID: MB 885-13153/1- Matrix: Solid Analysis Batch: 13191 Analyte	Chromatogr -A MB Result	мв	62 - 134	<u>RL</u>		Unit		D	Р	repared	Prep Type: Prep Bato Analyzed	Total/N/ h: 1315 Dil Fa
Di-n-octyl phthalate (Surr) ethod: 300.0 - Anions, Ion Lab Sample ID: MB 885-13153/1- Matrix: Solid Analysis Batch: 13191	Chromatogr -A MB	мв	62 - 134	RL 3.0		Unit mg/Kg	3	<u>D</u>	Р		Prep Type: Prep Bato	Total/N/ h: 1315 Dil Fa
Di-n-octyl phthalate (Surr) ethod: 300.0 - Anions, Ion Lab Sample ID: MB 885-13153/1- Matrix: Solid Analysis Batch: 13191 Analyte Chloride	Chromatogr -A 	мв	62 - 134]	_	P 09/2	repared 7/24 09:53	Prep Type: Prep Bato Analyzed	Total/N/ h: 1315 Dil Fa
Di-n-octyl phthalate (Surr) ethod: 300.0 - Anions, Ion Lab Sample ID: MB 885-13153/1- Matrix: Solid Analysis Batch: 13191 Analyte Chloride Lab Sample ID: LCS 885-13153/2 Matrix: Solid	Chromatogr -A 	мв	62 - 134]	_	P 09/2	repared 7/24 09:53	Prep Type: Prep Bato Analyzed 09/27/24 10:52	Total/N/ th: 1315 Dil Fa
Di-n-octyl phthalate (Surr) lethod: 300.0 - Anions, Ion Lab Sample ID: MB 885-13153/1- Matrix: Solid Analysis Batch: 13191 Analyte Chloride Lab Sample ID: LCS 885-13153/2 Matrix: Solid	Chromatogr -A 	мв	62 - 134]	_	P 09/2	repared 7/24 09:53	Prep Type: Prep Bato Analyzed 09/27/24 10:52 ID: Lab Contro	Total/N/ h: 1315 Dil Fa I Sample Total/N/
Di-n-octyl phthalate (Surr) lethod: 300.0 - Anions, Ion Lab Sample ID: MB 885-13153/1- Matrix: Solid Analysis Batch: 13191 Analyte Chloride Lab Sample ID: LCS 885-13153/2 Matrix: Solid	Chromatogr -A 	мв	62 - 134	3.0	CS LCS	mg/Kç]	_	P 09/2	repared 7/24 09:53	Prep Type: Prep Bato 09/27/24 10:52 ID: Lab Contro Prep Type:	Total/N/ h: 1315 Dil Fa I Sample Total/N/
Di-n-octyl phthalate (Surr) lethod: 300.0 - Anions, Ion Lab Sample ID: MB 885-13153/1- Matrix: Solid Analysis Batch: 13191 Analyte Chloride Lab Sample ID: LCS 885-13153/2	Chromatogr -A 	мв		3.0		mg/Kç	Unit	_	P 09/2	repared 7/24 09:53	Prep Type: Prep Bato Maiyzed 09/27/24 10:52 ID: Lab Contro Prep Type: Prep Bato	Total/N/ h: 13153 Dil Fa I Sample Total/N/
Di-n-octyl phthalate (Surr) ethod: 300.0 - Anions, Ion Lab Sample ID: MB 885-13153/1- Matrix: Solid Analysis Batch: 13191 Analyte Chloride Lab Sample ID: LCS 885-13153/2 Matrix: Solid Analysis Batch: 13191	Chromatogr -A 	мв		3.0 Lu Res		mg/Kg	-	_	P 09/2 lient	repared 7/24 09:53 : Sample	Prep Type: Prep Bato 09/27/24 10:52 ID: Lab Contro Prep Type: Prep Bato %Rec	Total/N/ h: 1315 Dil Fa I Sampl Total/N/
Di-n-octyl phthalate (Surr) ethod: 300.0 - Anions, Ion Lab Sample ID: MB 885-13153/1- Matrix: Solid Analysis Batch: 13191 Analyte Chloride Lab Sample ID: LCS 885-13153/2 Matrix: Solid Analysis Batch: 13191 Analyte Chloride	Chromatogr -A MB Result ND 2-A	мв	Spike	3.0 Lu Res	ult Qua	mg/Kg	Unit	_	P 09/2 lient	repared 7/24 09:53 : Sample <u>%Rec</u> 100	Prep Type: Prep Bato 09/27/24 10:52 ID: Lab Contro Prep Type: Prep Bato %Rec Limits 90 - 110	Total/N/ h: 1315 Dil Fa I Sampl Total/N/ h: 1315
Di-n-octyl phthalate (Surr) ethod: 300.0 - Anions, Ion Lab Sample ID: MB 885-13153/1- Matrix: Solid Analysis Batch: 13191 Analyte Chloride Lab Sample ID: LCS 885-13153/2 Matrix: Solid Analysis Batch: 13191 Analyte Chloride	Chromatogr -A MB Result ND 2-A	мв	Spike	3.0 Lu Res	ult Qua	mg/Kg	Unit	_	P 09/2 lient	repared 7/24 09:53 : Sample <u>%Rec</u> 100	Prep Type: Prep Bato 09/27/24 10:52 ID: Lab Contro Prep Type: Prep Bato %Rec Limits 90 - 110	Total/N/ h: 1315 Dil Fa I Sampl Total/N/ h: 1315 d Blan
Di-n-octyl phthalate (Surr) ethod: 300.0 - Anions, Ion Lab Sample ID: MB 885-13153/1- Matrix: Solid Analysis Batch: 13191 Analyte Chloride Lab Sample ID: LCS 885-13153/2 Matrix: Solid Analysis Batch: 13191 Analyte Chloride Lab Sample ID: MB 885-13191/15	Chromatogr -A MB Result ND 2-A	мв	Spike	3.0 Lu Res	ult Qua	mg/Kg	Unit	_	P 09/2 lient	repared 7/24 09:53 : Sample <u>%Rec</u> 100	Prep Type: Prep Bato 09/27/24 10:52 ID: Lab Contro Prep Type: Prep Bato %Rec Limits 90 - 110	Total/N/ h: 1315 Dil Fa I Sampl Total/N/ h: 1315 d Blan
Di-n-octyl phthalate (Surr) ethod: 300.0 - Anions, Ion Lab Sample ID: MB 885-13153/1- Matrix: Solid Analysis Batch: 13191 Analyte Chloride Lab Sample ID: LCS 885-13153/2 Matrix: Solid Analysis Batch: 13191 Analyte Chloride	Chromatogr -A MB Result ND 2-A	MB Qualifier	Spike	3.0 Lu Res	ult Qua	mg/Kg	Unit	_	P 09/2 lient	repared 7/24 09:53 : Sample <u>%Rec</u> 100	Prep Type: Prep Bato 09/27/24 10:52 ID: Lab Contro Prep Type: Prep Bato %Rec Limits 90 - 110	Total/N/ h: 1315 Dil Fa I Sampl Total/N/ h: 1315 d Blan

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

09/27/24 10:21

Analysis Batch: 13191								
	Spike	MRL	MRL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	 0.500	0.541		mg/L		108	50 - 150	

0.50

mg/Kg

ND

Chloride

Matrix: Solid

Lab Sample ID: MRL 885-13191/14

1

Job ID: 885-12706-1

QC Association Summary

Client: Ensolum Project/Site: Angel Peak 2C-89

Prep Batch: 13151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
885-12706-1	S-18	Total/NA	Solid	5035	
885-12706-2	S-19	Total/NA	Solid	5035	
885-12706-3	S-20	Total/NA	Solid	5035	
885-12706-4	S-21	Total/NA	Solid	5035	
885-12706-5	S-22	Total/NA	Solid	5035	
885-12706-6	S-23	Total/NA	Solid	5035	
885-12706-7	S-24	Total/NA	Solid	5035	
885-12706-8	S-25	Total/NA	Solid	5035	
MB 885-13151/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-13151/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-13151/3-A	Lab Control Sample	Total/NA	Solid	5035	
885-12706-1 MS	S-18	Total/NA	Solid	5035	
885-12706-1 MSD	S-18	Total/NA	Solid	5035	
885-12706-2 MS	S-19	Total/NA	Solid	5035	
885-12706-2 MSD	S-19	Total/NA	Solid	5035	

Analysis Batch: 13193

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
885-12706-1	S-18	Total/NA	Solid	8015M/D	13151
885-12706-2	S-19	Total/NA	Solid	8015M/D	13151
885-12706-3	S-20	Total/NA	Solid	8015M/D	13151
885-12706-4	S-21	Total/NA	Solid	8015M/D	13151
885-12706-5	S-22	Total/NA	Solid	8015M/D	13151
885-12706-6	S-23	Total/NA	Solid	8015M/D	13151
885-12706-7	S-24	Total/NA	Solid	8015M/D	13151
885-12706-8	S-25	Total/NA	Solid	8015M/D	13151
MB 885-13151/1-A	Method Blank	Total/NA	Solid	8015M/D	13151
LCS 885-13151/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	13151
885-12706-1 MS	S-18	Total/NA	Solid	8015M/D	13151
885-12706-1 MSD	S-18	Total/NA	Solid	8015M/D	13151

Analysis Batch: 13194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12706-1	S-18	Total/NA	Solid	8021B	13151
885-12706-2	S-19	Total/NA	Solid	8021B	13151
885-12706-3	S-20	Total/NA	Solid	8021B	13151
885-12706-4	S-21	Total/NA	Solid	8021B	13151
885-12706-5	S-22	Total/NA	Solid	8021B	13151
885-12706-6	S-23	Total/NA	Solid	8021B	13151
885-12706-7	S-24	Total/NA	Solid	8021B	13151
885-12706-8	S-25	Total/NA	Solid	8021B	13151
MB 885-13151/1-A	Method Blank	Total/NA	Solid	8021B	13151
LCS 885-13151/3-A	Lab Control Sample	Total/NA	Solid	8021B	13151
885-12706-2 MS	S-19	Total/NA	Solid	8021B	13151
885-12706-2 MSD	S-19	Total/NA	Solid	8021B	13151

GC Semi VOA

Prep Batch: 13152

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
885-12706-1	S-18	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

Page 120 of 151

Job ID: 885-12706-1

QC Association Summary

GC Semi VOA (Continued)

Prep Batch: 13152 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12706-2	S-19	Total/NA	Solid	SHAKE	
885-12706-3	S-20	Total/NA	Solid	SHAKE	
885-12706-4	S-21	Total/NA	Solid	SHAKE	
885-12706-5	S-22	Total/NA	Solid	SHAKE	
885-12706-6	S-23	Total/NA	Solid	SHAKE	
885-12706-7	S-24	Total/NA	Solid	SHAKE	
885-12706-8	S-25	Total/NA	Solid	SHAKE	
MB 885-13152/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-13152/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 13161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12706-1	S-18	Total/NA	Solid	8015M/D	13152
885-12706-2	S-19	Total/NA	Solid	8015M/D	13152
885-12706-3	S-20	Total/NA	Solid	8015M/D	13152
885-12706-4	S-21	Total/NA	Solid	8015M/D	13152
885-12706-5	S-22	Total/NA	Solid	8015M/D	13152
885-12706-6	S-23	Total/NA	Solid	8015M/D	13152
885-12706-7	S-24	Total/NA	Solid	8015M/D	13152
885-12706-8	S-25	Total/NA	Solid	8015M/D	13152
MB 885-13152/1-A	Method Blank	Total/NA	Solid	8015M/D	13152
LCS 885-13152/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	13152

HPLC/IC

Prep Batch: 13153

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
885-12706-1	S-18	Total/NA	Solid	300_Prep	
885-12706-2	S-19	Total/NA	Solid	300_Prep	
885-12706-3	S-20	Total/NA	Solid	300_Prep	
885-12706-4	S-21	Total/NA	Solid	300_Prep	
885-12706-5	S-22	Total/NA	Solid	300_Prep	
885-12706-6	S-23	Total/NA	Solid	300_Prep	
885-12706-7	S-24	Total/NA	Solid	300_Prep	
885-12706-8	S-25	Total/NA	Solid	300_Prep	
MB 885-13153/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-13153/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 13191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12706-1	S-18	Total/NA	Solid	300.0	13153
885-12706-2	S-19	Total/NA	Solid	300.0	13153
885-12706-3	S-20	Total/NA	Solid	300.0	13153
885-12706-4	S-21	Total/NA	Solid	300.0	13153
885-12706-5	S-22	Total/NA	Solid	300.0	13153
885-12706-6	S-23	Total/NA	Solid	300.0	13153
885-12706-7	S-24	Total/NA	Solid	300.0	13153
885-12706-8	S-25	Total/NA	Solid	300.0	13153
MB 885-13153/1-A	Method Blank	Total/NA	Solid	300.0	13153
MB 885-13191/15	Method Blank	Total/NA	Solid	300.0	
LCS 885-13153/2-A	Lab Control Sample	Total/NA	Solid	300.0	13153

Eurofins Albuquerque

Job ID: 885-12706-1

Lab Control Sample

MRL 885-13191/14

5

QC Association Summary Client: Ensolum Job ID: 885-12706-1 Project/Site: Angel Peak 2C-89 HPLC/IC (Continued) HPLC/IC (Continued) Analysis Batch: 13191 (Continued) Lab Sample ID Client Sample ID Prep Type Matrix Method Prep Batch

Total/NA

Solid

300.0

Job ID: 885-12706-1

Lab Sample ID: 885-12706-1 Matrix: Solid

Date Collected: 09/26/24 12:00 Date Received: 09/27/24 07:10

Project/Site: Angel Peak 2C-89 **Client Sample ID: S-18**

Client: Ensolum

	Batch	Batch		Dilution	Batch			Prepared
Ргер Туре	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			13151	AT	EET ALB	09/27/24 09:21
Total/NA	Analysis	8015M/D		1	13193	AT	EET ALB	09/27/24 12:18
Total/NA	Prep	5035			13151	AT	EET ALB	09/27/24 09:21
Total/NA	Analysis	8021B		1	13194	AT	EET ALB	09/27/24 12:18
Total/NA	Prep	SHAKE			13152	EM	EET ALB	09/27/24 09:21
Total/NA	Analysis	8015M/D		1	13161	EM	EET ALB	09/27/24 11:26
Total/NA	Prep	300_Prep			13153	JT	EET ALB	09/27/24 09:53
Total/NA	Analysis	300.0		20	13191	JT	EET ALB	09/27/24 12:07

Lab Sample ID: 885-12706-2

Lab Sample ID: 885-12706-3

Lab Sample ID: 885-12706-4

Matrix: Solid

Matrix: Solid

5

8

Client Sample ID: S-19

Date Collected: 09/26/24 12:05 Date Received: 09/27/24 07:10

	Batch	Batch		Dilution	Batch			Prepared
Ргер Туре	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			13151	AT	EET ALB	09/27/24 09:21
Total/NA	Analysis	8015M/D		1	13193	AT	EET ALB	09/27/24 12:40
Total/NA	Prep	5035			13151	AT	EET ALB	09/27/24 09:21
Total/NA	Analysis	8021B		1	13194	AT	EET ALB	09/27/24 12:40
Total/NA	Prep	SHAKE			13152	EM	EET ALB	09/27/24 09:21
Total/NA	Analysis	8015M/D		1	13161	EM	EET ALB	09/27/24 11:37
Total/NA	Prep	300_Prep			13153	JT	EET ALB	09/27/24 09:53
Total/NA	Analysis	300.0		20	13191	JT	EET ALB	09/27/24 12:22

Client Sample ID: S-20

Date Collected: 09/26/24 12:10 Date Received: 09/27/24 07:10

	Batch	Batch		Dilution	Batch			Prepared	
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed	
Total/NA	Prep	5035			13151	AT	EET ALB	09/27/24 09:21	
Total/NA	Analysis	8015M/D		1	13193	AT	EET ALB	09/27/24 13:02	
Total/NA	Prep	5035			13151	AT	EET ALB	09/27/24 09:21	
Total/NA	Analysis	8021B		1	13194	AT	EET ALB	09/27/24 13:02	
Total/NA	Prep	SHAKE			13152	EM	EET ALB	09/27/24 09:21	
Total/NA	Analysis	8015M/D		1	13161	EM	EET ALB	09/27/24 11:48	
Total/NA	Prep	300_Prep			13153	JT	EET ALB	09/27/24 09:53	
Total/NA	Analysis	300.0		20	13191	JT	EET ALB	09/27/24 13:08	

Client Sample ID: S-21 Date Collected: 09/26/24 12:20 Date Received: 09/27/24 07:10

	Batch	Batch		Dilution	Batch			Prepared
Ргер Туре	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			13151	AT	EET ALB	09/27/24 09:21
Total/NA	Analysis	8015M/D		1	13193	AT	EET ALB	09/27/24 13:24

Eurofins Albuquerque

Page 123 of 151

Matrix: Solid

Lab Sample ID: 885-12706-4 Matrix: Solid

Lab Sample ID: 885-12706-5

Lab Sample ID: 885-12706-6

Lab Sample ID: 885-12706-7

Matrix: Solid

Matrix: Solid

Matrix: Solid

Date Collected: 09/26/24 12:20 Date Received: 09/27/24 07:10

Client Sample ID: S-21

Project/Site: Angel Peak 2C-89

Client: Ensolum

	Batch	Batch		Dilution	Batch			Prepared
Ргер Туре	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			13151	AT	EET ALB	09/27/24 09:21
Total/NA	Analysis	8021B		1	13194	AT	EET ALB	09/27/24 13:24
Total/NA	Prep	SHAKE			13152	EM	EET ALB	09/27/24 09:21
Total/NA	Analysis	8015M/D		1	13161	EM	EET ALB	09/27/24 11:58
Total/NA	Prep	300_Prep			13153	JT	EET ALB	09/27/24 09:53
Total/NA	Analysis	300.0		20	13191	JT	EET ALB	09/27/24 13:23

Client Sample ID: S-22 Date Collected: 09/26/24 12:30 Date Received: 09/27/24 07:10

Batch Batch Dilution Batch Prepared Prep Type Туре Method Run Factor Number Analyst Lab or Analyzed Total/NA Prep 5035 13151 AT EET ALB 09/27/24 09:21 Total/NA 8015M/D 13193 AT EET ALB 09/27/24 13:45 Analysis 1 Total/NA 5035 EET ALB 09/27/24 09:21 Prep 13151 AT Total/NA 8021B 13194 AT EET ALB 09/27/24 13:45 Analysis 1 Total/NA 09/27/24 09:21 Prep SHAKE 13152 EM EET ALB Total/NA Analysis 8015M/D 1 13161 EM EET ALB 09/27/24 12:09 Total/NA 300 Prep EET ALB 09/27/24 09:53 Prep 13153 JT Total/NA Analysis 300.0 20 13191 JT EET ALB 09/27/24 13:38

Client Sample ID: S-23 Date Collected: 09/26/24 12:40 Date Received: 09/27/24 07:10

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			13151	AT	EET ALB	09/27/24 09:21
Total/NA	Analysis	8015M/D		1	13193	AT	EET ALB	09/27/24 14:07
Total/NA	Prep	5035			13151	AT	EET ALB	09/27/24 09:21
Total/NA	Analysis	8021B		1	13194	AT	EET ALB	09/27/24 14:07
Total/NA	Prep	SHAKE			13152	EM	EET ALB	09/27/24 09:21
Total/NA	Analysis	8015M/D		1	13161	EM	EET ALB	09/27/24 12:20
Total/NA	Prep	300_Prep			13153	JT	EET ALB	09/27/24 09:53
Total/NA	Analysis	300.0		20	13191	JT	EET ALB	09/27/24 13:53

Client Sample ID: S-24 Date Collected: 09/26/24 12:50 Date Received: 09/27/24 07:10

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			13151	AT	EET ALB	09/27/24 09:21
Total/NA	Analysis	8015M/D		1	13193	AT	EET ALB	09/27/24 14:29
Total/NA	Prep	5035			13151	AT	EET ALB	09/27/24 09:21
Total/NA	Analysis	8021B		1	13194	AT	EET ALB	09/27/24 14:29

Eurofins Albuquerque

6

8

Lab Chronicle

Job ID: 885-12706-1

Project/Site: Angel Peak 2C-89 Client Sample ID: S-24

Client: Ensolum

Date Collected: 09/26/24 12:50 Date Received: 09/27/24 07:10

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	SHAKE			13152	EM	EET ALB	09/27/24 09:21
Total/NA	Analysis	8015M/D		1	13161	EM	EET ALB	09/27/24 12:31
Total/NA	Prep	300_Prep			13153	JT	EET ALB	09/27/24 09:53
Total/NA	Analysis	300.0		20	13191	JT	EET ALB	09/27/24 14:08

Client Sample ID: S-25 Date Collected: 09/26/24 13:00 Date Received: 09/27/24 07:10

	Batch	Batch		Dilution	Batch			Prepared
Ргер Туре	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			13151	AT	EET ALB	09/27/24 09:21
Total/NA	Analysis	8015M/D		1	13193	AT	EET ALB	09/27/24 14:50
Total/NA	Prep	5035			13151	AT	EET ALB	09/27/24 09:21
Total/NA	Analysis	8021B		1	13194	AT	EET ALB	09/27/24 14:50
Total/NA	Prep	SHAKE			13152	EM	EET ALB	09/27/24 09:21
Total/NA	Analysis	8015M/D		1	13161	EM	EET ALB	09/27/24 12:41
Total/NA	Prep	300_Prep			13153	JT	EET ALB	09/27/24 09:53
Total/NA	Analysis	300.0		20	13191	JT	EET ALB	09/27/24 14:23

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Lab Sample ID: 885-12706-7 Matrix: Solid

or Analyzed	5
09/27/24 09:21	
09/27/24 12:31	6
09/27/24 09:53	
09/27/24 14:08	7
Lab Sample ID: 885-12706-8	Q
Matrix: Solid	0

Job ID: 885-12706-1

Accreditation/Certification Summary

Client: Ensol	um
Project/Site:	Angel Peak 2C-89

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority Program Identification Number Expiration Date Oregon NELAP NM100001 02-26-25

Eurofins Albuquerque

N HALADO	ANALYSIS LABORA' CAT of www.hallenvironmental.com	- Albuquerque, NM 87109 885-12706 coc : 0 5 Fax 505-345-4107	Analysis Request	()104	əsqv	A\Jns	<u>сои</u> (А	-00	ک ار, 1 (AO) im9é	B270 (5 B270 (5 Total C	X	X	X X	X	X	. ×	X	X			Ton Long (Some)	AM14058	Any sub-contracted data will be clearly notated on the analytical report.	57 1 2 3 4 5 6 7
HALL		4901 Hawkins NE Tel. 505-345-3975	2		ЯМ (2 PC	0 / D 808/s (1.40) 04.1)	S bo 3 bo 3 bo 3 bo	oy 83 detho	втех / трн:80 8081 Р 6081 Р 6081 Р 708 (N 708 (N	X	XX	XX	K X	KX	XX	XX	XX			Remarks: DM	.7	possibility.	8 9 10 11
Same	KRush 100% bay	Peak 20-89	= Notes			LANNELS	8 2		18 CF): 7.3-9.1 - 2.2 (°C)	Preservative HEAL No. Type	1	2	3	Ч	S	g	٢٠	3		_	JULD 9/24	7:10 Halas	ed laboratories. This serves as notice of this	
	Droject Name:	Project #	SEE	Project Manager:			Sampler: On Ice: 14 Yes	olers:	Cooler Temp(including CF):	Container Prese Type and # Type		0			_			9			Received by: Via:	X	ubcontracted to other accredi	
Chain-of-Custody Record	م الدر	6 S. Rio Grande Sider		email or Fax#: & Summers Consolution (anag		Level 4 (Full Validation)	□ Az Compliance □ Other			Sample Name	5-18	5-19	5-20	5-21	5-22	5-23	5-24	5-25			fed by:	Wate Waller	If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories.	
Client:	rnisplusa	Mailing Address: 606		email or Fax#: 4 Stuna	QA/QC Package:	Standard		EDD (Type)		Date Time Matrix	9/11/21/200 S	12.05 S	1210 5	12:20 5	12-30 5	12:40 5	12:50 5	er 13:20 5		Date: Time: Balinguichéd hu	Opply ST Time:	20 x		

4/ZU

Login Sample Receipt Checklist

Client: Ensolum

<6mm (1/4").

Login Number: 12706 List Number: 1 Creator: Casarrubias, Tracy

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Refer to Job Narrative for details.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	True	

Job Number: 885-12706-1

List Source: Eurofins Albuquerque

Received by OCD: 3/3/2025 7:32:59 AM



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Kyle Summers Ensolum 606 S Rio Grande Suite A Aztec, New Mexico 87410 Generated 1/28/2025 4:50:52 PM

JOB DESCRIPTION

Angel Peak 2C-89

JOB NUMBER

885-18830-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109





Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization

Authorized for release by John Caldwell, Project Manager john.caldwell@et.eurofinsus.com (505)345-3975 Generated 1/28/2025 4:50:52 PM

1 2 3 4 5 6 7 8 9 10 11

Page 131 of 151

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	7
QC Association Summary	10
Lab Chronicle	
Certification Summary	12
Chain of Custody	13
Receipt Checklists	14

Percent Recovery

Contains Free Liquid

Colony Forming Unit

Dilution Factor

Contains No Free Liquid

Duplicate Error Ratio (normalized absolute difference)

Definitions/Glossary

Client: Ensolum Project/Site: Angel Peak 2C-89

Glossary Abbreviation

☆ %R

CFL

CFU

CNF

DER

Dil Fac

Job ID: 885-18830-1

3
4
5
8
9

Eurofins Albuquerque

DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

These commonly used abbreviations may or may not be present in this report. Listed under the "D" column to designate that the result is reported on a dry weight basis

Released to Imaging: 3/4/2025 8:55:21 AM

Case Narrative

Client: Ensolum Project: Angel Peak 2C-89

Eurofins Albuquerque

Page 133 of 151

Job Narrative 885-18830-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The sample was received on 1/24/2025 7:12 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -2.3°C.

Receipt Exceptions

The following sample was received at the laboratory outside the required temperature criteria: BF-1 (885-18830-1). This does not meet regulatory requirements. The client was contacted regarding this issue, and the laboratory was instructed to proceed with analysis.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

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

HPLC/IC

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

5

Job ID: 885-18830-1

Lab Sample ID: 885-18830-1 Matrix: Solid

Client Sample ID: BF-1 Date Collected: 01/23/25 13:00 Date Received: 01/24/25 07:12

Project/Site: Angel Peak 2C-89

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.9	mg/Kg		01/24/25 09:33	01/24/25 12:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		35 - 166			01/24/25 09:33	01/24/25 12:26	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019	mg/Kg		01/24/25 09:33	01/24/25 12:26	1
Ethylbenzene	ND		0.039	mg/Kg		01/24/25 09:33	01/24/25 12:26	1
Toluene	ND		0.039	mg/Kg		01/24/25 09:33	01/24/25 12:26	1
Xylenes, Total	ND		0.077	mg/Kg		01/24/25 09:33	01/24/25 12:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		48 - 145			01/24/25 09:33	01/24/25 12:26	
Method: SW846 8015M/D - Diese	Range Organ	ics (DRO) (GC)					
	• •	ics (DRO) (Qualifier	GC) RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	• •		· ·	<mark>Unit</mark>	<u>D</u>	Prepared 01/24/25 09:57	Analyzed 01/24/25 11:53	Dil Fac
Analyte Diesel Range Organics [C10-C28]	Result				<u>D</u>	•		1
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	_ ResultND	Qualifier		mg/Kg	<u>D</u>	01/24/25 09:57	01/24/25 11:53	1
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate	Result	Qualifier	RL 9.8 49	mg/Kg	<u> </u>	01/24/25 09:57 01/24/25 09:57	01/24/25 11:53 01/24/25 11:53	1
Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	Result ND ND %Recovery 117	Qualifier		mg/Kg	<u>D</u>	01/24/25 09:57 01/24/25 09:57 Prepared	01/24/25 11:53 01/24/25 11:53 Analyzed	1
Method: SW846 8015M/D - Diese Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr) Method: EPA 300.0 - Anions, Ion Analyte	Result ND ND <i>%Recovery</i> 117 Chromatograp	Qualifier		mg/Kg	D	01/24/25 09:57 01/24/25 09:57 Prepared	01/24/25 11:53 01/24/25 11:53 Analyzed	

QC Sample Results

5 6

Job ID: 885-18830-1

Client: Ensolum Project/Site: Angel Peak 2C-89

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-19796/1-A	L										Client Sa	mple ID: Metho	d Blanl
Matrix: Solid												Prep Type: 1	fotal/N/
Analysis Batch: 19793												Prep Batch	n: 1979
		МВ М	в										
Analyte	Res	ult Q	ualifier		RL		Unit		D	Pr	epared	Analyzed	Dil Fa
Gasoline Range Organics [C6 - C10]		ND		Ę	5.0		mg/Kg	g	_	01/24	4/25 09:33	01/24/25 11:15	
		мв м	в										
Surrogate	%Recov	ery Q	ualifier	Limits						Pr	repared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)		102		35 - 166	6					01/24	4/25 09:33	01/24/25 11:15	
Lab Sample ID: LCS 885-19796/2-	Α								С	lient	Sample	D: Lab Control	Sampl
Matrix: Solid												Prep Type: 1	
Analysis Batch: 19793												Prep Batch	
-				Spike		LCS	LCS					%Rec	
Analyte				Added	R	lesult	Qualifier	Unit		D	%Rec	Limits	
Gasoline Range Organics [C6 - C10]				25.0		21.1		mg/Kg			85	70 - 130	
	LCS	LCS											
Surrogate	%Recovery	Qualifie	er	Limits									
4-Bromofluorobenzene (Surr)	187			35 - 166									
lethod: 8021B - Volatile Orga	anic Com	pou	nds (C	SC)									
Lab Sample ID: MB 885-19796/1-4	`										Client Sa	mple ID: Metho	d Blan
Matrix: Solid												Prep Type: 1	
Analysis Batch: 19794												Prep Batch	
-		мв м	в										
Analyte	Res	ult Q	ualifier	I	RL		Unit		D	Pr	epared	Analyzed	Dil Fa
		ND		0.0	25		mg/Kg	g	_	01/24	4/25 09:33	01/24/25 11:15	
Benzene													
Benzene Ethylbenzene		ND		0.0	50		mg/Kg	g		01/24	4/25 09:33	01/24/25 11:15	
		ND ND		0.0 0.0			mg/Kg mg/Kg	-			4/25 09:33 4/25 09:33	01/24/25 11:15 01/24/25 11:15	

	MB	МВ	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		48 - 145

Lab Sample ID: LCS 885-19796/3-A Matrix: Solid

Analysis Batch: 19794

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	1.00	1.02		mg/Kg		102	70 - 130	
Ethylbenzene	1.00	1.05		mg/Kg		105	70 - 130	
Toluene	1.00	1.04		mg/Kg		104	70 - 130	
Xylenes, Total	3.00	3.13		mg/Kg		104	70 - 130	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		48 - 145

Eurofins Albuquerque

Dil Fac

1

Analyzed 01/24/25 11:15

Prep Type: Total/NA

Prep Batch: 19796

Client Sample ID: Lab Control Sample

Prepared

01/24/25 09:33

Lab Sample ID: MB 885-19800/1-A

QC Sample Results

Client: Ensolum Project/Site: Angel Peak 2C-89

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Job ID: 885-18830-1

Client Sample ID: Method Blank

5 6

Lab Gampie ID. Ind Goo Toooo								onone		mounou	Diam	
Matrix: Solid									Prep 1	Type: To	otal/NA	
Analysis Batch: 19788										Batch:		
-	м	ІВ МВ										
Analyte	Resu	ult Qualifier		RL	Ur	nit	D	Prepared	Analyz	ed	Dil Fac	-
Diesel Range Organics [C10-C28]		ID ID		10		g/Kg		/24/25 09:57			1	
Motor Oil Range Organics [C28-C40]		ID		50		g/Kg		/24/25 09:57			1	
						5						
	M	IB MB										
Surrogate	%Recove	ry Qualifier	Limit	s				Prepared	Analyz	ed	Dil Fac	
Di-n-octyl phthalate (Surr)	11	13	62 - 1	34			01	/24/25 09:5	7 01/24/25	11:11	1	
Γ												
Lab Sample ID: LCS 885-1980	0/2-A						Clier	nt Sample	D: Lab Co			
Matrix: Solid											otal/NA	÷
Analysis Batch: 19788										Batch:	19800	
			Spike	LCS	S LCS				%Rec			
Analyte			Added		t Qualifie		D		Limits			
Diesel Range Organics			50.0	51.3	3	mg/Kg		103	60 - 135			
[C10-C28]												
	LCS L	cs										
Surrogate	%Recovery Q	ualifier	Limits									
Di-n-octyl phthalate (Surr)	95		62 - 134									
Lab Sample ID: 885-18830-1 M	S								Client Sa	mple IC): BF-1	
Matrix: Solid									Prep 1	Type: To	otal/NA	
Analysis Batch: 19788									Prep	Batch:	: 19800	
-	Sample Sa	ample	Spike	M	S MS				%Rec			
Analyte	Result Q	ualifier	Added	Resu	t Qualifie	r Unit	D	%Rec	Limits			
Diesel Range Organics	ND		47.5	49.	1	mg/Kg		103	44 - 136			
[C10-C28]												
	MS M	2										
Surrogate		ualifier	Limits									
Di-n-octyl phthalate (Surr)	95		62 - 134									
			02 - 707									
Lab Sample ID: 885-18830-1 M	SD								Client Sa	mple IC): BF-1	
Matrix: Solid											otal/NA	
Analysis Batch: 19788											: 19800	
	Sample Sa	ample	Spike	MSI	MSD				%Rec		RPD	
Analyte	Result Q	•	Added		t Qualifie	r Unit	D	%Rec	Limits	RPD	Limit	
Diesel Range Organics	ND		49.3	49.		mg/Kg		101	44 - 136	1	32	
[C10-C28]						5.9						
-		00										
		SD										
Surrogate	%Recovery Q	ualifier	Limits									

Surrogate Di-n-octyl phthalate (Surr) 62 - 134 91

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-19786/1-A Matrix: Solid Analysis Batch: 19784						Client Sa	mple ID: Metho Prep Type: 1 Prep Batch	Total/NA
	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5	mg/Kg		01/24/25 07:35	01/24/25 08:19	1

Eurofins Albuquerque

Released to Imaging: 3/4/2025 8:55:21 AM

Lab Sample ID: LCS 885-19786/3-A

Lab Sample ID: MRL 885-19786/2-A

Method: 300.0 - Anions, Ion Chromatography (Continued)

QC Sample Results

LCS LCS

MRL MRL

1.65

Result Qualifier

15.2

Result Qualifier

Unit

Unit

mg/L

mg/Kg

D

D

%Rec

%Rec

110

101

Spike

Added

15.0

Spike

Added

1.50

Client: Ensolum Project/Site: Angel Peak 2C-89

Matrix: Solid

Matrix: Solid

Analyte

Chloride

Analyte

Chloride

Analysis Batch: 19784

Analysis Batch: 19784

Job ID: 885-18830-1

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 19786

Prep Batch: 19786

Client Sample ID: Lab Control Sample

%Rec

Limits

90 - 110

Client Sample ID: Lab Control Sample

%Rec

Limits

50 - 150

2 3 4 5 6 7 8

Eurofins Albuquerque

QC Association Summary

Client: Ensolum Project/Site: Angel Peak 2C-89

Job ID: 885-18830-1

GC VOA

Analysis Batch: 19793

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
885-18830-1	BF-1	Total/NA	Solid	8015M/D	19796
MB 885-19796/1-A	Method Blank	Total/NA	Solid	8015M/D	19796
LCS 885-19796/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	19796
Analysis Batch: 19794	1				
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18830-1	BF-1	Total/NA	Solid	8021B	19796
MB 885-19796/1-A	Method Blank	Total/NA	Solid	8021B	19796
LCS 885-19796/3-A	Lab Control Sample	Total/NA	Solid	8021B	19796
Prep Batch: 19796					
Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
885-18830-1	BF-1	Total/NA	Solid	5035	
MB 885-19796/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-19796/2-A	Lab Control Sample	Total/NA	Solid	5035	

Total/NA

Total/NA

Total/NA

Solid

Solid

Solid

5035

SHAKE

SHAKE

GC Semi VOA

LCS 885-19796/3-A

Analysis Batch: 19788

Lab Control Sample

BF-1

BF-1

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18830-1	BF-1	Total/NA	Solid	8015M/D	19800
MB 885-19800/1-A	Method Blank	Total/NA	Solid	8015M/D	19800
LCS 885-19800/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	19800
885-18830-1 MS	BF-1	Total/NA	Solid	8015M/D	19800
885-18830-1 MSD	BF-1	Total/NA	Solid	8015M/D	19800
Prep Batch: 19800					
Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
885-18830-1	BF-1	Total/NA	Solid	SHAKE	
MB 885-19800/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-19800/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

HPLC/IC

885-18830-1 MS

885-18830-1 MSD

Analysis Batch: 19784

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
885-18830-1	BF-1	Total/NA	Solid	300.0	19786
MB 885-19786/1-A	Method Blank	Total/NA	Solid	300.0	19786
LCS 885-19786/3-A	Lab Control Sample	Total/NA	Solid	300.0	19786
MRL 885-19786/2-A	Lab Control Sample	Total/NA	Solid	300.0	19786

Prep Batch: 19786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-18830-1	BF-1	Total/NA	Solid	300_Prep	
MB 885-19786/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-19786/3-A	Lab Control Sample	Total/NA	Solid	300_Prep	
MRL 885-19786/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Eurofins Albuquerque

Released to Imaging: 3/4/2025 8:55:21 AM

Matrix: Solid

Job ID: 885-18830-1

Lab Sample ID: 885-18830-1

Client: Ensolum Project/Site: Angel Peak 2C-89

Client Sample ID: BF-1 Date Collected: 01/23/25 13:00

Date Received: 01/24/25 07:12

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			19796	JP	EET ALB	01/24/25 09:33
Total/NA	Analysis	8015M/D		1	19793	JP	EET ALB	01/24/25 12:26
Total/NA	Prep	5035			19796	JP	EET ALB	01/24/25 09:33
Total/NA	Analysis	8021B		1	19794	JP	EET ALB	01/24/25 12:26
Total/NA	Prep	SHAKE			19800	MI	EET ALB	01/24/25 09:57
Total/NA	Analysis	8015M/D		1	19788	MI	EET ALB	01/24/25 11:53
Total/NA	Prep	300_Prep			19786	RC	EET ALB	01/24/25 07:35
Total/NA	Analysis	300.0		20	19784	RC	EET ALB	01/24/25 11:21

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Eurofins Albuquerque

Released to Imaging: 3/4/2025 8:55:21 AM

Job ID: 885-18830-1

Accreditation/Certification Summary

Client: Enso	lum
Project/Site:	Angel Peak 2C-89

Project/Site: Angel Peak 2C-89

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

AuthorityProgramIdentification NumberExpiration DateOregonNELAPNM10000102-25-25

<i>Received by OCD: 3/3/2025 7:.</i>	32:59 AM	Page 141 of 151
Hall ENVIRONMENTAI Hall ENVIRONMENTAI AnalYSIS LABORJ Nuw.hallenvironmental.com Vww.hallenvironmental.com Hot Hawkins NE - Albuquerque, NM 87109 R55-345-3975 Fax 505-345-4107 Analysis Request	BTEX / MARE / TURE's (8021) TPH:8015D(GRO / DRO / MRO) 8081 Pesticides/8082 PCB's RCRA 8 Metals CI, A. He , HO , NO , S Z0 8260 (VOA) 8270 (Semi-VOA) Total Coliform (Present/Absent) Total Coliform (Present/Absent)	T W W W W T W
Turn-Around Time: 100名 Standard PRush 1-ンソ・ころ Project Name: Project #:	Project Manager: <i>K Summers</i> Sampler: <i>C D Apond P</i> On Ice: <u>D</u> Yes <u>D</u> No <u>wiey</u> # of Coolers: <u>1</u> * <i>Wiey</i> Cooler Temp(Induding cr): <i>L 2</i> · 6.12 - 2.3 (°C) Container Preservative HEAL No. Type and # Type	Date Date Date This serves
Chain-of-Custody Record Client: Enseler Mailing Address: しん S Rip Grente Seit A & 74/10 Phone #:	or Fax#: C Package: andard	Relinquished by Relinquished by Remove to Hall Environmental may be subo

.

11

Login Sample Receipt Checklist

Client: Ensolum

<6mm (1/4").

Login Number: 18830 List Number: 1 Creator: McQuiston, Steven

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	Refer to Job Narrative for details.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	True	

Job Number: 885-18830-1

List Source: Eurofins Albuquerque

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

Page 143 of 151

QUESTIONS

Action 438075

QUESTIONS		
Operator:	OGRID:	
Enterprise Field Services, LLC	241602	
PO Box 4324	Action Number:	
Houston, TX 77210	438075	
	Action Type:	
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS

Prerequisites		
Incident ID (n#)	nAPP2424846665	
Incident Name	NAPP2424846665 LATERAL 2C-89 @ 0	
Incident Type	Natural Gas Release	
Incident Status	Reclamation Report Received	

Location of Release Source

Please answer all the questions in this group.		
Site Name	Lateral 2C-89	
Date Release Discovered	09/04/2024	
Surface Owner	Federal	

Incident Details

Please answer all the questions in this group.		
Incident Type	Natural Gas Release	
Did this release result in a fire or is the result of a fire	No	
Did this release result in any injuries	No	
Has this release reached or does it have a reasonable probability of reaching a watercourse	Yes	
Has this release endangered or does it have a reasonable probability of endangering public health	No	
Has this release substantially damaged or will it substantially damage property or the environment	No	
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No	

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Corrosion Pipeline (Any) Condensate Released: 5 BBL Recovered: 0 BBL Lost: 5 BBL.
Natural Gas Vented (Mcf) Details	Cause: Corrosion Pipeline (Any) Natural Gas Vented Released: 96 MCF Recovered: 0 MCF Lost: 96 MCF.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	The release is in a wash. Actual gas loss will be calculated at the time of repairs.

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

73	4 / /	<u> </u>	
Paga	1 1 1	ot .	1 5 1
Page	177	01 1	

QUESTIONS, Page 2

Action 438075

QUESTIONS (continued)		
Operator:	OGRID:	
Enterprise Field Services, LLC	241602	
PO Box 4324	Action Number:	
Houston, TX 77210	438075	
	Action Type:	
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS

ľ	Nature and Volume of Release (continued)		
	Is this a gas only submission (i.e. only significant Mcf values reported)	Yes, according to supplied volumes this will be treated as a "gas only" report.	
ſ	Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes	
	Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (2) an unauthorized release of a volume that: (b) may with reasonable probability reach a watercourse.	
Т	With the implementation of the 19 15 27 NMAC (05/25/2021) venting and/or flaring of natural gas (i e	, gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	afety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	None
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
I hereby certify that the information given above is true and complete to the best of my k	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 releat the OCD does not relieve the operator of liability should their operations have failed to a	ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 09/11/2024

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

Page 145 of 151

QUESTIONS, Page 3

Action 438075

Operator: Enterprise Field Services, LLC	OGRID: 241602	
PO Box 4324 Houston, TX 77210	Action Number: 438075	
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)	
QUESTIONS		
Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	I and beyond). This information must be provided to the appropriate district office no later than 90 days after the	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)	
What method was used to determine the depth to ground water	OCD Imaging Records Lookup	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:	

QUESTIONS (continued)

What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 100 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Zero feet, overlying, or within area
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions th	at apply or are indicated. This information must be provided to	the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation	plan approval with this submission	Yes
Attach a comprehensive report de	monstrating the lateral and vertical extents of soil contamination	associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertica	l extents of contamination been fully delineated	Yes
Was this release entirely co	ontained within a lined containment area	No
Soil Contamination Sampling	: (Provide the highest observable value for each, in mi	lligrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 CI B)	60
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	0.1
GRO+DRO	(EPA SW-846 Method 8015M)	0.1
BTEX	(EPA SW-846 Method 8021B or 8260B)	0.1
Benzene	(EPA SW-846 Method 8021B or 8260B)	0.1
	IMAC unless the site characterization report includes completed elines for beginning and completing the remediation.	d efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date wi	II the remediation commence	09/09/2024
On what date will (or did) the final sampling or liner inspection occur		09/16/2024
On what date will (or was) the remediation complete(d)		01/23/2025
What is the estimated surfa	ce area (in square feet) that will be reclaimed	1237
What is the estimated volume (in cubic yards) that will be reclaimed		670
What is the estimated surfa	ce area (in square feet) that will be remediated	1237
What is the estimated volur	ne (in cubic yards) that will be remediated	670
These estimated dates and measu	rements are recognized to be the best guess or calculation at the	e time of submission and may (be) change(d) over time as more remediation efforts are completed.
The OOD we can include the taxes and	al an an a dia tina a sana a suana ana su basun ta ba anin inter U.S. a diserta dia a	

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTI	ONS (continued)	
Operator:	OGRID:	
Enterprise Field Services, LLC	241602	
PO Box 4324	Action Number:	
Houston, TX 77210	438075	
	Action Type:	
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	
QUESTIONS		
Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the		
This remediation will (or is expected to) utilize the following processes to remediate	/ reduce contaminants:	
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	ENVIROTECH LANDFARM #2 [fEEM0112336756]	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	Not answered.	
OR is the off-site disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.	
(In Situ) Soil Vapor Extraction	Not answered.	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.	
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.	
OTHER (Non-listed remedial process)	Not answered.	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed ef which includes the anticipated timelines for beginning and completing the remediation.	forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,	
to report and/or file certain release notifications and perform corrective actions for releat the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or	
I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com	

Date: 03/03/2025 The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

QUESTIONS, Page 4

Action 438075

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

Page	147	of 151
------	-----	--------

QUESTIONS, Page 5

Action 438075

QUESTIONS (continued)	
Operator: Enterprise Field Services, LLC	OGRID: 241602
PO Box 4324 Houston, TX 77210	Action Number: 438075
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QU	ES	ю	NS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of	
Requesting a deferral of the remediation closure due date with the approval of this submission	Νο

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 6

Page 148 of 151

Action 438075

QUESTIONS (continued)

Operator:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	438075
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	421750
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/23/2025
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	200

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all r	emediation steps have been completed.
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1237
What was the total volume (cubic yards) remediated	670
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	1237
What was the total volume (in cubic yards) reclaimed	670
Summarize any additional remediation activities not included by answers (above)	None
	closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of
to report and/or file certain release notifications and perform corrective actions for releat the OCD does not relieve the operator of liability should their operations have failed to water, human health or the environment. In addition, OCD acceptance of a C-141 report	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface it does not relieve the operator of responsibility for compliance with any other federal, state, or ially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed ing notification to the OCD when reclamation and re-vegetation are complete.
	Name: Thomas Long

I nereby adree and sign off to the above statement	ield Environmental Scientist ng@eprod.com
--	--

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

Page 149 of 151

QUESTIONS, Page 7

Action 438075

QUESTIONS (continued)		
Operator:	OGRID:	
Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	241602	
	Action Number:	
	438075	
	Action Type:	
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS

Reclamation Report			
Only answer the questions in this group if all reclamation steps have been completed.			
Requesting a reclamation approval with this submission	Yes		
What was the total reclamation surface area (in square feet) for this site	1237		
What was the total volume of replacement material (in cubic yards) for this site	670		
Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.			
Is the soil top layer complete and is it suitable material to establish vegetation	Yes		
On what (estimated) date will (or was) the reseeding commence(d)	07/01/2025		
Summarize any additional reclamation activities not included by answers (above)	None reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form		
	eclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form t field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13		
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.			
I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 03/03/2025		

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

Operator:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	438075
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report

Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied

Requesting a restoration complete approval with this submission

No Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete

Action 438075

Page 150 of 151

QUESTIONS (continued)

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

Page	151	of 151

CONDITIONS

Action 438075

CONDITIONS

 Operator:
 Enterprise Field Services, LLC
 OGRID:

 PO Box 4324
 Action Number:

 Houston, TX 77210
 438075

 Action Type:
 [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS Created By Condition Condition rhamlet We have received your Reclamation/Remediation Closure Report for Incident #NAPP2424846665 LATERAL 2C-89, thank you. This Reclamation/Remediation 3/4/2025 closure Report is approved. 3/4/2025 3/4/2025