

October 5, 2022

District 1 New Mexico Oil Conservation Division 1625 North French Drive Hobbs, New Mexico 88240

Re: Closure Request

Baish B Battery

Incident Number NAPP2211143447

Lea County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Maverick Natural Resources, LLC (Maverick), has prepared this Closure Request to document site assessment, excavation, and soil sampling activities performed at the Baish B Battery (Site). The purpose of the site assessment, excavation, and soil sampling activities was to address impacts to soil resulting from a release of crude oil at the Site. Based on the excavation activities and laboratory analytical results from soil sampling events, Maverick is submitting this Closure Request, describing remediation that has occurred and requesting closure for Incident Number NAPP2211143447.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit K, Section 22, Township 17 South, Range 32 East, in Lea County, New Mexico (32.8177° N, 103.755° W) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On April 8, 2022, a gauge failure at the heater treater resulted in the release of approximately 2.2 barrels (bbls) of crude oil into the surrounding pasture. No free-standing fluids were recovered. The previous operator, ConocoPhillips Company, reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release Notification Form C-141 (Form C-141) on April 21, 2022. The release was assigned Incident Number NAPP2211143447.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized according to Table 1, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on page 3 of the Form C-141 (Appendix A), Site Assessment/Characterization. Potential site receptors are identified on Figure 1.

Depth to groundwater at the Site is estimated to be between 51 feet and 100 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well RA-12521-POD1, located approximately 4,943 feet southwest of the Site. The groundwater well has a reported depth to

Ensolum, LLC | Environmental, Engineering & Hydrogeologic Consultants
601 North Marienfeld Street | Midland, TX 79701 | ensolum.com
Texas PG Firm No. 50588 | Texas PE Firm No. F-21843

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groundwater of 92 feet bgs and a total depth of 105 feet bgs. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well record is included in Appendix B.

The closest continuously flowing or significant watercourse to the Site is a intermitent stream, located approximately 8,625 feet southeast of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

Based on the results of the Site Characterization, the following NMOCD Table 1 Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 10,000 mg/kg

A reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH was applied to the top 4 feet of the pasture area that was impacted by the release, per NMAC 19.15.29.13.D (1) for the top 4 feet of areas that will be reclaimed following remediation.

SITE ASSESMENT ACTIVITIES AND LABORATORY ANALYTICAL RESULTS

On June 30, 2022, site assessment activities were conducted to evaluate the release extent based on information provided on the Form C-141 and visual observations. Four preliminary assessment soil samples (SS01 through SS04) were collected within the release extent at a depth of 0.5 feet bgs, to assess surficial soils within the release. The preliminary soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. The visible release extent and preliminary soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported at or below 4 degrees Celsius (°C) under strict chain-of-custody procedures to Eurofins Laboratories (Eurofins) in Carlsbad, New Mexico, for analysis of the following chemicals of conern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH- GRO, TPH- DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

Laboratory analytical results for preliminary soil samples SS01 through SS04 indicated TPH-GRO/TPH-DRO and/or TPH concentrations exceeded the Site Closure Criteria and/or reclamation requirement. Based on visible staining in the release area and laboratory analytical results for preliminary soil samples SS01 through SS04, delineaiton activities appeared to be warranted.



October 5, 2022

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DELINEATION ACTIVITIES AND ANALYTICAL RESULTS

Between August 12 and August 23, 2022, Ensolum personnel were at the Site to oversee delineation activities. Boreholes BH01 through BH04 were advanced via hand auger within the release extent to assess the vertical extent of impacted soil. The boreholes were advanced at depths ranging from 1-foot to 3 feet bgs. Delineation soil samples were collected from each borehole at depths ranging from 1-foot to 3 feet bgs. Additionally, four lateral delineation soil samples (SS05 through SS08) were collected around the release extent at a depth of 0.5 feet bgs, to assess the lateral extent of the release. Soil from the boreholes and delineation soil samples was field screened for VOCs and chloride. Field screening results and observations for the boreholes were logged on lithologic soil sampling logs, which are included in Appendix C. Photographic documentation was completed during the Site visit and a photographic log is included in Appendix D.

Laboratory analytical results for the delineation soil samples collected around the release extent (SS05 through SS08), indicated concentrations of all COCs were compliant with the Site Closure Criteria and reclamation requirement and successfully defined the lateral extent of the release. Laboratory analytical results for the delineation soil samples collected from boreholes BH01 through BH04 indicated TPH concentrations exceeded the Site Closure Criteria and reclamation requirement at depths ranging from 1-foot to 2 feet bgs. The terminal depth samples from boreholes BH01 and BH03, collected at 3 feet bgs, were compliant with the reclamation requirement, indicating vertical delineation of impacted and/or waste-containing soil related to the release. The delineation soil sample locations are depicted on Figure 3.

EXCAVATION ACTIVITIES AND ANALYTICAL RESULTS

On August 22, 2022, impacted soil was excavated from the off-pad release area as indicated by visible staining and laboratory analytical results for the delineation soil samples. Excavation activities, completed in the pasture area, were performed using a track-mounted backhoe, hydrovac, and transport vehicles. To direct excavation activities, soil was screened for VOCs and chloride.

Following removal of impacted soil, 5-point composite soil samples were collected every 200 square feet from the floor and sidewalls of the excavation. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples FS01 through FS08 were collected from the floor of the excavation at depths ranging from 2 feet to 3 feet bgs. Composite soil samples SW01 through SW05 were collected from the sidewalls of the excavation from depths ranging from the ground surface to a maximum 3 feet bgs. The soil samples were collected, handled, and analyzed following the same procedures as described above. The excavation extent and excavation soil sample locations were mapped utilizing a handheld GPS unit and are depicted on Figure 4.

Laboratory analytical results for all confirmation soil samples were compliant with the Site Closure Criteria. Laboratory analyical results for excavation soil samples FS05 and FS06 indicated TPH concentrations exceeded the reclamation requirement and additional remediation activites were warranted.

Ensolum personnel returned to the Site on September 23, 2022, to oversee additional excavation activities based on laboratory analytical results for the excavation soil samples. Additional soil was removed from the vicinity of the two confirmation soil sample locations and subsequent excavation soil samples FS05A and FS06A were collected.

Laboratory analytical results for excavation soil samples FS01 through FS04, FS05A, FS06A, FS07 through FS08, and SW01 through SW05, collected from the final excavation extent, indicated



concentrations of all COCs were compliant with the Site Closure Criteria and reclamation requirements. Laboratory analytical results are provided on Table 1 and laboratory analytical reports are included as Appendix E.

The excavation measured approximately 1,449 square feet in areal extent. A total of approximately 161 cubic yards of impacted soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at the R360 Disposal Facility located in Hobbs, New Mexico. After completion of confirmation sampling, the excavation was secured with fencing.

CLOSURE REQUEST

Site assessment and excavation activities were conducted at the Site to address the April 8, 2022, release of crude oil. Laboratory analytical results for the excavation soil samples indicated concentrations of all COCs were compliant with the Site Closure Criteria and reclamation requirement. Based on the laboratory analytical results, no further remediation appears to be required. Maverick will backfill the excavation with material purchased locally and recontoured the Site to match pre-existing site conditions.

Excavation of impacted soil has mitigated adverse conditions at this Site. Depth to groundwater has been estimated to be between 51 feet and 100 feet bgs and no sensitive receptors were identified near the release extent. Maverick believes these remedial actions are protective of human health, the environment, and groundwater and respectfully requests closure for Incident NAPP2211143447. If you have any questions or comments, please contact Ms. Kalei Jennings at (817) 683-2503 or kjennings@ensolum.com.

Sincerely, **Ensolum, LLC**

Kalei Jennings Senior Scientist

alui Jennings

Daniel, R. Moir, PG Senior Managing Geologist

cc: Bryce Wagoner, Maverick Natural Resources

Bureau of Land Management

Attachments:

Figure 1 Site Receptor Map

Figure 2 Preliminary Soil Sample Locations
Figure 3 Delineation Soil Sample Locations
Figure 4 Excavation Soil Sample Locations
Table 1 Soil Sample Analytical Results

Appendix A Final C-141

Appendix B Referenced Well Records
Appendix C Lithologic Soil Sampling Logs

Appendix D Photographic Log

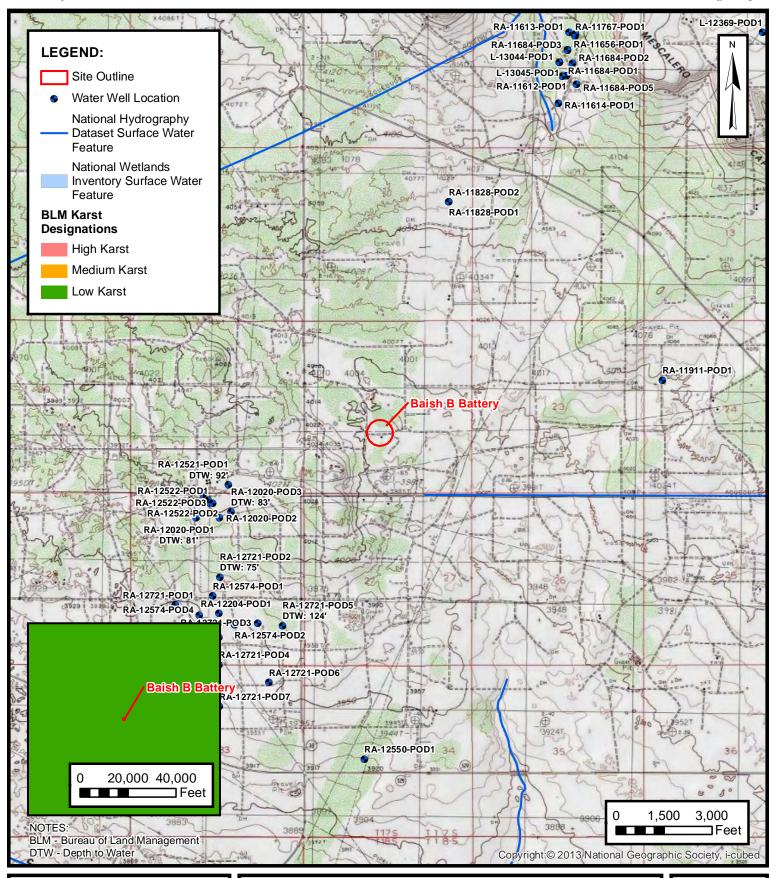
Appendix E Laboratory Analytical Reports

Appendix F NMOCD Notifications





FIGURES



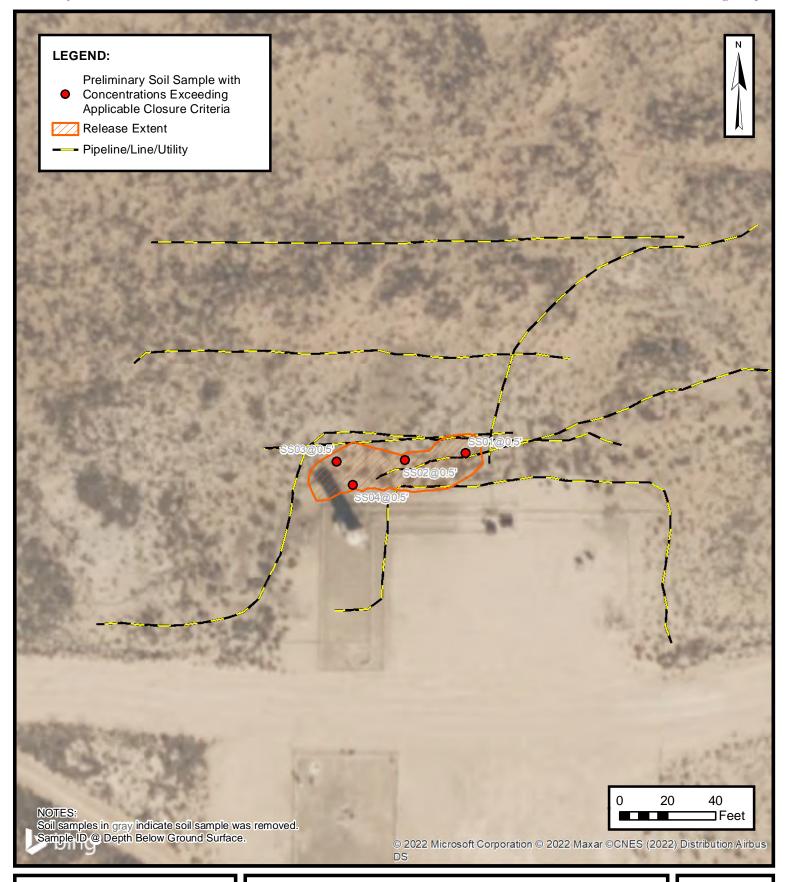


SITE RECEPTOR MAP

MAVERICK NATURAL RESOURCES, LLC BAISH B BATTERY NAPP2211143447

Unit K, Sec 22, T17S, R32E Lea County, New Mexico FIGURE

1



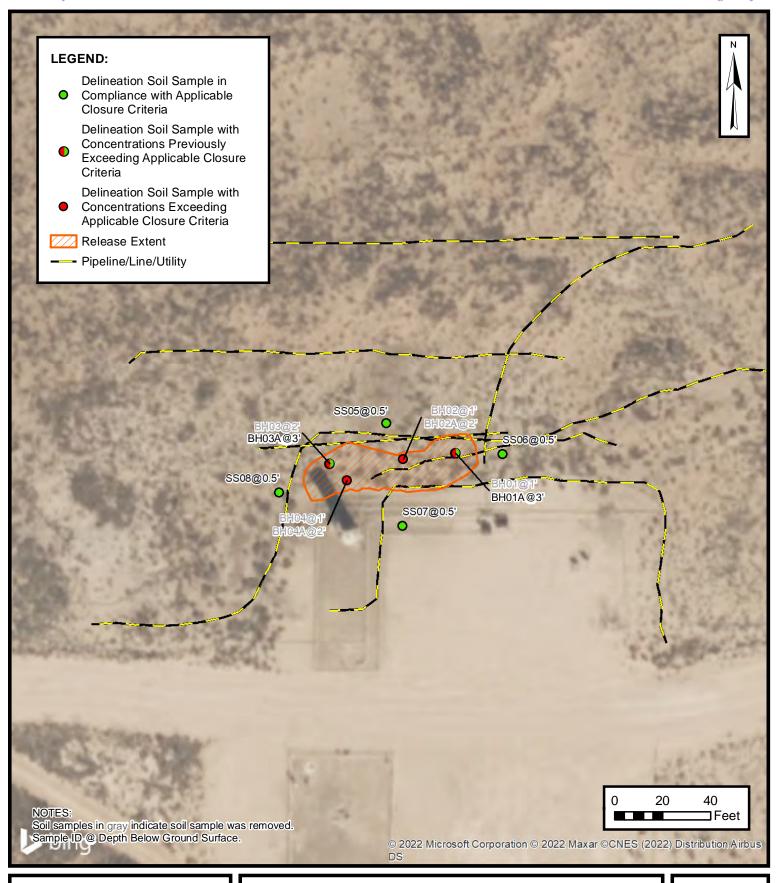


PRELIMINARY SOIL SAMPLE LOCATIONS

MAVERICK NATURAL RESOURCES, LLC BAISH B BATTERY NAPP2211143447

NAPP2211143447 Unit K, Sec 22, T17S, R32E Lea County, New Mexico FIGURE

2

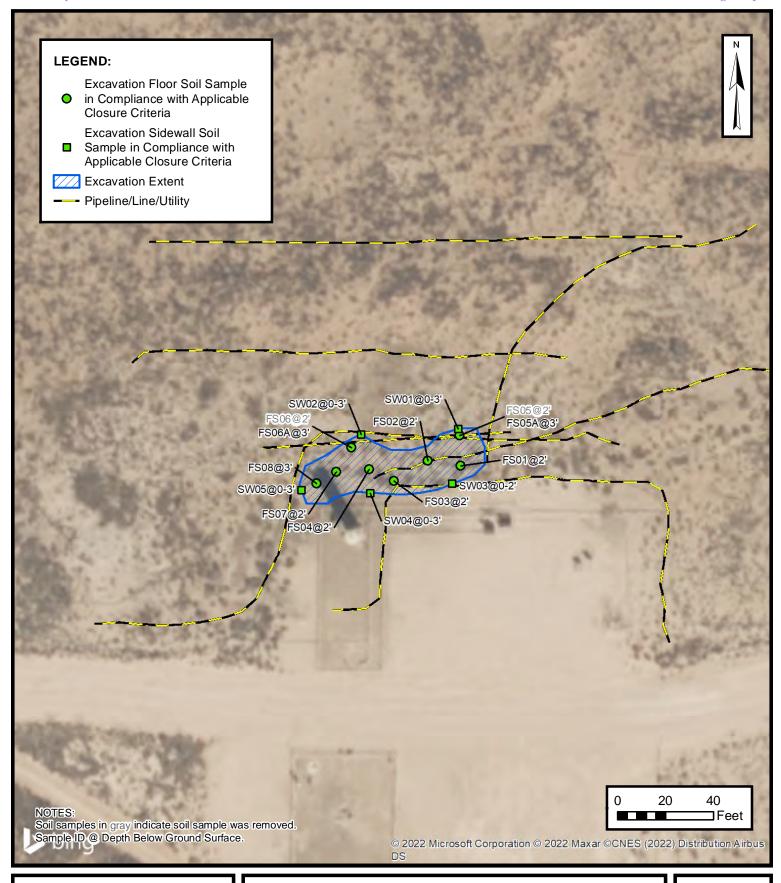




DELINEATION SOIL SAMPLE LOCATIONS

MAVERICK NATURAL RESOURCES, LLC BAISH B BATTERY

NAPP2211143447 Unit K, Sec 22, T17S, R32E Lea County, New Mexico FIGURE 3





EXCAVATION SOIL SAMPLE LOCATIONS

MAVERICK NATURAL RESOURCES, LLC **BAISH B BATTERY** NAPP2211143447

Unit K, Sec 22, T17S, R32E Lea County, New Mexico

FIGURE 4



TABLES



TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Baish B Battery Maverick Natural Resources, LLC Lea County, New Mexico Sample **Total BTEX TPH GRO TPH DRO** TPH ORO GRO+DRO **Total TPH** Chloride Depth Benzene Date Designation (feet bgs) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) NMOCD Table 1 Closure Criteria (NMAC 19.15.29) 10 50 NF NF NF 10.000 1.000 2.500 **Preliminary Assessment Soil Samples** 4.640 **Delineation Soil Samples** BH01 08/12/2022 < 0.00402 236 < 0.00200 < 0.00399 <50.0 BH01A 08/12/2022 <50.0 <50.0 94.2 94.2 43.4* < 50.0 BH02 08/12/2022 124 BH02A 08/12/2022 154 154 52.2* 4.530 BH03 0.0105 14.1 670 3.860 662 5.190 86.1 08/12/2022 ВН03А 08/12/2022 3 <0.00200 < 0.00399 <50.0 <50.0 69.2 <50.0 69.2 26.6* BH04 < 0.00199 0.0096 822 3,300 4,120 510* 08/12/2022 2.180 SS05 <0.00202 < 0.00404 <50.0 <50.0 21.1* 08/23/2022 0.5 <50.0 <50.0 <50.0 <0.00200 < 0.00399 <50.0 <50.0 <50.0 <50.0 17.2* SS06 08/23/2022 0.5 <50.0 <0.00398 SS07 08/23/2022 0.5 < 0.00199 <49.8 64.5 12.4 64.5 76.9 14.6 SS08 08/23/2022 0.5 < 0.00200 < 0.00401 <49.9 <49.9 <49.9 <49.9 <49.9 9.00* **Excavation Floor Soil Samples** FS01 08/22/2022 2 <0.00201 < 0.00402 67.3 <49.8 67.3 <49.8 67.3 13.7* FS02 <50.0 2 08/22/2022 < 0.00199 < 0.00398 <50.0 <50.0 <50.0 <50.0 15.6* FS03 2 <50.0 08/22/2022 < 0.00200 < 0.00399 <50.0 <50.0 <50.0 <50.0 20.4* FS04 08/22/2022 2 < 0.00202 < 0.00403 <49.9 <49.9 <49.9 <49.9 <49.9 25.8* FS05A 09/23/2022 3 < 0.00200 0.0829 <50.0 <50.0 96.4 20.5* 96.4 FS06A 3 < 0.00399 <49.8 09/23/2022 < 0.00200 17.6* <49.8 <49.8 -49 R <49.8 FS07 08/23/2022 2 <0.00200 < 0.00399 <50.0 <50.0 <50.0 <50.0 <50.0 30.8* FS08 08/23/2022 3 <0.00199 < 0.00398 <49.8 <49.8 <49.8 <49.8 <49.8 21.5* **Excavation Sidewall Soil Samples** SW01 08/22/2022 0-3 <0.00198 < 0.00396 <49.9 <49.9 <49.9 <49.9 <49.9 10.9* <0.00200 SW02 0-3 <0.00401 <49.8 08/22/2022 <49.8 <49.8 <49.8 <49.8 16.9* SW03 <0.00201 08/23/2022 0-2 < 0.00402 <49.9 <49.9 <49.9 14.5* <49.9 <49.9 SW04 <0.00199 <49.9 09/23/2022 0-3 < 0.00398 <49.9 <49.9 <49.9 <49.9 15.9 SW05 09/23/2022 0-3 < 0.00201 < 0.00402 <49.9 <49.9 <49.9 <49.9 <49.9 18.0

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

Concentrations in bold exceed the NMOCD Table 1 Closure Criteria or reclamation standard where applicable.

Grey text represents samples that have been excavated

^{*} indicates sample was collected in area to be reclaimed after remediation complete; reclamation standard for TPH in the top 4 feet is 600 mg/kg



APPENDIX A

Final C-141

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Release Notification

Responsible Party

Responsible Party				OGRID			
Contact Name				Contact T	Contact Telephone		
Contact emai	Contact email				(assigned by OCI	D)	
Contact mail	ing address			<u> </u>			
			Location	of Release S	Source		
Latitude				Longitude			
			(NAD 83 in dec	cimal degrees to 5 deci	imal places)		
Site Name				Site Type			
Date Release	Discovered			API# (if ap	pplicable)		
Unit Letter	Section	Township	Range	Cou	nty	_	
Surface Owner	r: State	☐ Federal ☐ Tr	ribal Drivata ()	Nama		,	
Surface Owner	i. State	rederar 11	ibai 🔲 Fiivate (1	vame)	
			Nature and	d Volume of	Release		
	Materia	l(s) Released (Select al	ll that apply and attach	calculations or specifi	e justification for th	ne volumes provided below)	
Crude Oil		Volume Release		curculations of specifi		overed (bbls)	
Produced	Water	Volume Release	ed (bbls)		Volume Rec	overed (bbls)	
			tion of dissolved c	hloride in the	Yes 1	No	
Пол	4.	produced water			W. L. D.	1(11)	
Condensa		Volume Release				overed (bbls)	
Natural G		Volume Release				overed (Mcf)	
Other (describe) Volume/Weight Released (provide units		e units)	Volume/We	ight Recovered (provide units)			
Cause of Rele	ease						

Received by OCD: 10/5/2022 2:24:51 PM1 State of New Mexico
Page 2 Oil Conservation Division

Page	deo.	f 457

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the re	esponsible party consider this a major release?			
19.15.29.7(A) NMAC?					
☐ Yes ☐ No					
ICVEC ' 1' 4	t' - ' t 4 OCD9 D1 9 T				
If YES, was immediate no	otice given to the OCD? By whom? I	to whom? When and by what means (phone, email, etc)?			
	Initia	l Response			
The responsible p	party must undertake the following actions imme	diately unless they could create a safety hazard that would result in injury			
☐ The source of the rele	ase has been stopped.				
☐ The impacted area has	s been secured to protect human health	and the environment.			
☐ Released materials ha	ve been contained via the use of berms	s or dikes, absorbent pads, or other containment devices.			
	ecoverable materials have been remove	<u> </u>			
If all the actions described	d above have <u>not</u> been undertaken, exp	lain why:			
7 1015 20 0 D (4) NH	. ~				
has begun, please attach a	Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.				
regulations all operators are public health or the environm failed to adequately investigations.	required to report and/or file certain release nent. The acceptance of a C-141 report by ate and remediate contamination that pose	to the best of my knowledge and understand that pursuant to OCD rules and enotifications and perform corrective actions for releases which may endanger the OCD does not relieve the operator of liability should their operations have a threat to groundwater, surface water, human health or the environment. In or of responsibility for compliance with any other federal, state, or local laws			
Printed Name	_	Title:			
Signature:	tanigoparne -	Date:			
		Telephone:			
OCD Only		04/24/2022			
Received by:	Harimon	04/21/2022 Date:			

				L48 Spill Volume	Estimate Form NADD	2211112117
Received by OC	D: 40/5/2022	2:24:51 PM & Number.	Baish B Treater		INAFF	221114344757
		Asset Area:	Maljamar			
	Rel	ease Discovery Date & Time:	2/8/2022 9:13			
		Release Type:	Oil			
	Provide any ki	nown details about the event:	Gage Fallure on H	eater Treater		
				Spill Calculation - Subsu	rface Spill - Rectangle	
	Was th	ne release on pad or off-pad?			See reference	table below
Has it	rained at least a l	half inch in the last 24 hours?			See reference	table below
Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Depth (in.)	Soil Spilled-Fluid Saturation	Estimated volume of each area (bbl.)	Total Estimated Volume of Spill (bbl.)
Rectangle A	32.0	20.0	0.50	15.16%	4.747	0.720
Rectangle B	28.0	9.0	0.50	15.16%	1.869	0.283
Rectangle C	13.0	15.0	1.00	15.16%	2.893	0.439
Rectangle D	19.0	15.0	0.50	15.16%	2.114	0.320
Rectangle E	28.0	13.0	0.50	15.16%	2.700	0.409
Rectangle F					0.000	0.000
Rectangle G		11			0.000	0.000
Rectangle H					0.000	0.000
Rectangle I		14			0.000	0.000
Released to Ima	ging: 10/13/2	022 12:38:49 PM			0.000	0.000
	0				Total Volume Relea	ise: 2.171

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

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

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

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

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

CONDITIONS

Action 100609

CONDITIONS

Operator:	OGRID:
CONOCOPHILLIPS COMPANY	217817
600 W. Illinois Avenue	Action Number:
Midland, TX 79701	100609
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	4/21/2022

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Incident ID	NAPP2211143447	
District RP		
Facility ID		
Application ID		

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	50-100 (ft bgs)			
Did this release impact groundwater or surface water?	☐ Yes ⊠ No			
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No			
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No			
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No			
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No			
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No			
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No			
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No			
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No			
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No			
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No			
Did the release impact areas not on an exploration, development, production, or storage site?	⊠ Yes □ No			
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.				
Characterization Report Checklist: Each of the following items must be included in the report.				
 Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination 				

Characterization Report Checklist: Each of the following items must be included in the report.				
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody				

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

Received by OCD: 10/5/2022 2:24:51 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division Incident ID NAPP2211143447
District RP
Facility ID
Application ID

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.			
Printed Name:Bryce Wagoner	Title: _HSE Specialist		
Signature: Fyr My 1	Date:10/05/2022		
email: _bryce.wagoner@mavresources.com	Telephone:928-241-1862		
OCD Only			
Received by: Jocelyn Harimon	Date: 10/05/2022		

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Facility ID	
Application ID	

Closure

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

Closure Report Attachment Checklist: Each of the following is	items must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.	11 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	s of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODG	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rehuman health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in
OCD Only Received by: Jocelyn Harimon	Date: 10/05/2022
Accounts of a coopyring minor	
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations.
Closure Approved by:	Date: 10/13/2022
Printed Name: Jennifer Nobui	Environmental Specialist A



APPENDIX B

Referenced Well Records

Received by OCD: 10/5/2022 2:24.51 Plaxico Office of the State Engineepage 21 of 157

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

4 21 17S 32E

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number

X

RA 12521 POD1

Q64 Q16 Q4 Sec Tws Rng

3631271

Driller License:

615127

1456

Driller Company:

WHITE DRILLING COMPANY

Driller Name:

WHITE, JOHN W

07/21/2017

Drill Finish Date:

07/26/2017

Plug Date: Source:

Shallow

Drill Start Date: Log File Date:

08/22/2017

PCW Rcv Date:

Pipe Discharge Size:

Estimated Vield:

Pump Type: Casing Size:

2.00

Depth Well:

105 feet

Bottom Description

Depth Water:

92 feet

Water Bearing Stratifications:

85

Sandstone/Gravel/Conglomerate

101

75

105 Sandstone/Gravel/Conglomerate

Casing Perforations:

Bottom

105

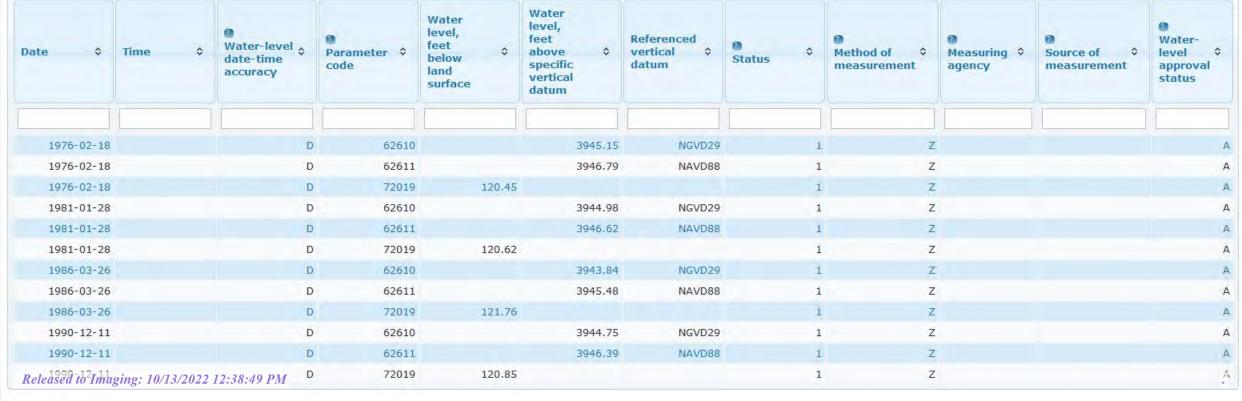
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

7/15/22 8:33 AM

POINT OF DIVERSION SUMMARY

Lea County, New Mexico
Latitude 32°47'33", Longitude 103°39'55" NAD27
Land-surface elevation 4,065.60 feet above NGVD29
This well is completed in the High Plains aquifer (N100HGHPLN) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output forma	nts
Table of data	
<u>Tab-separated data</u>	
Graph of data	
Reselect period	





APPENDIX C

Lithologic Soil Sampling Logs

							l	
	_						Sample Name: BH01	Date: 08/12/2022
	E	N	S	OL		M	Site Name: Baish B Battery	440447
		- 1					meraene ramber: wir zzzz	.14344/
		00:	6 / 60°° 5				Job Number: 03D2057009	
0 1: 1 0			C / SOIL S	SAMPLING	LOG		Logged By: SK	Method: Hand Auger
Coordinates: 3				the LLACUL Ch	la stala Talak (Saudin a la cal	Hole Diameter: 4"	Total Depth: 3'
		_					PID for chloride and vapor, refactors included.	espectively. Chloride test
Moisture Content Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologi	c Descriptions
D <156	71.2	Υ			0.5	SP	SAND, brown, poorly go dark staining.	raded, fine grain, HC odor,
D <156	158	Υ	BH01	1 -	1	SP	SAND, brown, very fine staining.	to fine grain, HC odor,
D <156	18.2	N			1.5 - 2 - 2 - 2.5	SP	SAA, no odor or stainin	g.
D <156	15.6	N	BH01A	3 -	- - - -	SP	SAA	
					TD @	3 feet	bgs	

								Camala Nama, BUO	Dete: 00/12/2022
7	7							Sample Name: BH02 Site Name: Baish B Battery	Date: 08/12/2022
			N	S	OI	U	M	Incident Number: NAPP22111	12117
4			_		_	_		Job Number: 03D2057009	HJHH/
		יחדש	OG!	C / SOIL 6	SAMPLING	106			Mothod: Hand Acces
Coord	inates: 32			C / SOIL S	AIVIPLING	LOG		Logged By: SK Hole Diameter: 4"	Method: Hand Auger Total Depth: 3'
				anducted w	ith HΔCH Ch	Ilorida Tast 9	Strins and	PID for chloride and vapor, res	· ·
			_					factors included.	pectively. Cilionae test
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic	Descriptions
					<u>]</u>	L 0			
D	<156	81.9	Υ	BH02	0.5	0.5	SP	SAND, brown, poorly gra dark staining.	aded, fine grain, HC odor,
D	<156	68.3	Υ		-	1	SP	SAND, brown, very fine t staining.	to fine grain, HC odor,
					- - -	_ _ 1.5 _			
D	<156	11.8	N		- - -	_ 2 _	SP	SAA, no odor or staining	
					- - -	2.5 			
D	<156	7.0	N	BH02A	3 -	3 - -	SP	SAA	
					-	-			
						TD @	3 feet	bgs	

								Sample Name: BH03	Date: 08/12/2022
7	7							·	Date. 00/12/2022
			N	5	U	_ U	M	Incident Number: NAPP2211	143447
i de								Job Number: 03D2057009	
		LITHOL	OGI	C / SOIL S	SAMPLING	LOG		Logged By: SK	Method: Hand Auger
Coordi		2.82, -103		-,				Hole Diameter: 4"	Total Depth: 4'
Comm	ents: Fie	ld screen	ing co					PID for chloride and vapor, re factors included.	*
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologid	c Descriptions
					1	0			
D	<156	615.4	Υ		- - -	0.5	SP	SAND, brown, poorly gr dark staining.	raded, fine grain, HC odor,
D	<156	1166	Υ		- - -	1	SP	SAND, brown, very fine staining.	to fine grain, HC odor,
						1.5			
D	<156	1451	Υ	BH03	2	2	SP	SAA	
					- - -	2.5			
D	<156	689.1	Υ	вноза	3 -	3 3	SP	SAA, no staining.	
					_ - -	_ _ 3.5			
D	<156	180	N	внозв	4	4		SAA, no odor.	
						TD @	9 4 feet	bgs	
		<u> </u>							
				\					
					\				

								la L.N. Buga	D
7								Sample Name: BH04	Date: 08/12/2022
			N	S	OI	_ U	M	Site Name: Baish B Battery Incident Number: NAPP22111	42447
<u> </u>	_		_			_			4544/
		LITUO	00	C / SOUL 9	CANADI INIC	. 106		Job Number: 03D2057009	Mathada III A
Caand				C / SUIL S	SAMPLING	LUG		Logged By: SK	Method: Hand Auger Total Depth: 3'
		2.82, -103			:+h 114C11Ch	lawida Taak (`*	Hole Diameter: 4" PID for chloride and vapor, res	· ·
								factors included.	pectively. Chloride test
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic	Descriptions
					1	0			
D	<156	441.8	Υ		_ - -		SP	SAND, brown, poorly gra dark staining.	aded, fine grain, HC odor,
D	<156	486.2	Υ	BH04	1 -	1	SP	SAND, brown, very fine t staining.	to fine grain, HC odor,
						_ _ 1.5 _			
D	<156	20.1	N	вно4А	2 -	_ 2 _	SP	SAA, no staining or odor	
					- - -	2.5 			
D	<156	16.1	N		- - - -	3 - -	SP	SAA	
					- - -	- - - -			
						TD @	3 feet	bgs	
					_				
					\				
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1									



APPENDIX D

Photographic Log



Photographic Log Maverick Natural Resources, LLC Baish B Battery Incident Number NAPP2211143447

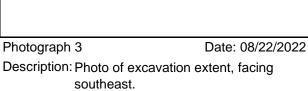




Photograph 1 Date: 08/12/2022
Description: Photo of release extent taken during delineation activities, facing southwest.

Photograph 2 Date: 08/12/2022 Description: Photo of delineation activities, facing southeast.







Photograph 4 Date: 08/22/2022 Description: Photo of excavation extent, facing northwest.



APPENDIX E

Laboratory Analytical Reports & Chain of Custody Documentation



Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad 1089 N Canal St. Carlsbad, NM 88220 Tel: (575)988-3199

Laboratory Job ID: 890-2492-1

Laboratory Sample Delivery Group: 03d2057009

Client Project/Site: Baish B Battery

For:

eurofins

Ensolum 705 W. Wadley Suite 210 Midland, Texas 79701

Attn: Kalei Jennings



Authorized for release by: 7/13/2022 10:18:06 AM

Jessica Kramer, Project Manager (432)704-5440

Jessica.Kramer@et.eurofinsus.com

Review your project results through EOL

.....LINKS

Received by OCD: 10/5/2022 2:24:51 PM

Have a Question?



Visit us at:

www.eurofinsus.com/Env Released to Imaging: 10/13/2022 12:38:49 PM

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Ensolum
Project/Site: Baish B Battery

Laboratory Job ID: 890-2492-1
SDG: 03d2057009

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Surrogate Summary	9
QC Sample Results	10
QC Association Summary	14
Lab Chronicle	16
Certification Summary	18
Method Summary	19
Sample Summary	20
Chain of Custody	21
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Definitions/Glossary

Job ID: 890-2492-1 Client: Ensolum Project/Site: Baish B Battery

SDG: 03d2057009

Qualifiers

GC VOA

Qualifier **Qualifier Description**

S1+ Surrogate recovery exceeds control limits, high biased. U Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier **Qualifier Description**

U Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery CFL Contains Free Liquid CFU Colony Forming Unit **CNF** Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac **Dilution Factor**

Detection Limit (DoD/DOE) DL

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) Most Probable Number MPN Method Quantitation Limit MQL

NC Not Calculated

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

NFG 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)

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

TEF Toxicity Equivalent Factor (Dioxin) TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Eurofins Carlsbad

Case Narrative

Client: Ensolum

Project/Site: Baish B Battery

SDG: 03d2057009

Job ID: 890-2492-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-2492-1

Receipt

The samples were received on 7/1/2022 9:03 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 5.4° C

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS01 (890-2492-1) and SS04 (890-2492-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

Method 8015MOD_NM: The method blank for preparation batch 880-28993 and analytical batch 880-29112 contained Gasoline Range Organics (GRO)-C6-C10 and Total TPH above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

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.

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Job ID: 890-2492-1

Client: Ensolum Project/Site: Baish B Battery SDG: 03d2057009

Client Sample ID: SS01 Lab Sample ID: 890-2492-1

Date Collected: 06/30/22 10:40 Matrix: Solid Date Received: 07/01/22 09:03

Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0247		0.0201	mg/Kg		07/12/22 08:53	07/12/22 20:14	10
Toluene	0.0325		0.0201	mg/Kg		07/12/22 08:53	07/12/22 20:14	10
Ethylbenzene	<0.0201	U	0.0201	mg/Kg		07/12/22 08:53	07/12/22 20:14	10
m-Xylene & p-Xylene	<0.0402	U	0.0402	mg/Kg		07/12/22 08:53	07/12/22 20:14	10
o-Xylene	<0.0201	U	0.0201	mg/Kg		07/12/22 08:53	07/12/22 20:14	10
Xylenes, Total	<0.0402	U	0.0402	mg/Kg		07/12/22 08:53	07/12/22 20:14	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	175	S1+	70 - 130			07/12/22 08:53	07/12/22 20:14	10
1,4-Difluorobenzene (Surr)	128		70 - 130			07/12/22 08:53	07/12/22 20:14	10
Method: Total BTEX - Total BTEX	Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0572		0.0402	mg/Kg			07/13/22 10:56	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)						
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2450		249	mg/Kg			07/07/22 09:01	1
Method: 8015B NM - Diesel Rang	je Organics (Di	RO) (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	449		249	mg/Kg		07/05/22 08:59	07/06/22 18:20	- 5
Diesel Range Organics (Over C10-C28)	1280		249	mg/Kg		07/05/22 08:59	07/06/22 18:20	5
Oll Range Organics (Over C28-C36)	718		249	mg/Kg		07/05/22 08:59	07/06/22 18:20	Ę
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130			07/05/22 08:59	07/06/22 18:20	
o-Terphenyl	95		70 - 130			07/05/22 08:59	07/06/22 18:20	
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.0		4.99	mg/Kg			07/08/22 10:52	

Client Sample ID: SS02 Lab Sample ID: 890-2492-2 Matrix: Solid

Date Collected: 06/30/22 10:50 Date Received: 07/01/22 09:03

Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.318		0.0998	mg/Kg		07/12/22 08:53	07/12/22 20:35	50
Toluene	4.51		0.0998	mg/Kg		07/12/22 08:53	07/12/22 20:35	50
Ethylbenzene	3.73		0.0998	mg/Kg		07/12/22 08:53	07/12/22 20:35	50
m-Xylene & p-Xylene	8.07		0.200	mg/Kg		07/12/22 08:53	07/12/22 20:35	50
o-Xylene	4.38		0.0998	mg/Kg		07/12/22 08:53	07/12/22 20:35	50
Xylenes, Total	12.5		0.200	mg/Kg		07/12/22 08:53	07/12/22 20:35	50

Eurofins Carlsbad

Job ID: 890-2492-1

Client: Ensolum Project/Site: Baish B Battery SDG: 03d2057009

Client Sample ID: SS02 Lab Sample ID: 890-2492-2

Date Collected: 06/30/22 10:50 Matrix: Solid Date Received: 07/01/22 09:03

Sample Depth: 0.5

Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130			07/12/22 08:53	07/12/22 20:35	50
1,4-Difluorobenzene (Surr)	100		70 - 130			07/12/22 08:53	07/12/22 20:35	50
Method: Total BTEX - Total BTE	X Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	21.0		0.200	mg/Kg			07/13/22 10:56	
Method: 8015 NM - Diesel Rang	e Organics (DR	O) (GC)						
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	10500		249	mg/Kg			07/07/22 09:01	
Method: 8015B NM - Diesel Rar	nge Organics (DI	RO) (GC)						
Analyte	• •	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	1000		249	mg/Kg		07/05/22 08:59	07/06/22 18:42	
Diesel Range Organics (Over C10-C28)	8300		249	mg/Kg		07/05/22 08:59	07/06/22 18:42	Ę
Oll Range Organics (Over C28-C36)	1240		249	mg/Kg		07/05/22 08:59	07/06/22 18:42	ŧ
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130			07/05/22 08:59	07/06/22 18:42	
o-Terphenyl	107		70 - 130			07/05/22 08:59	07/06/22 18:42	
Method: 300.0 - Anions, Ion Ch	romatography -	Soluble						
Analyte	0 . ,	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.9		4.97	mg/Kg	— –		07/08/22 11:02	

Lab Sample ID: 890-2492-3 **Client Sample ID: SS03** Date Collected: 06/30/22 11:10 **Matrix: Solid**

Date Received: 07/01/22 09:03

Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0996	U	0.0996	mg/Kg		07/12/22 08:53	07/12/22 20:55	50
Toluene	< 0.0996	U	0.0996	mg/Kg		07/12/22 08:53	07/12/22 20:55	50
Ethylbenzene	< 0.0996	U	0.0996	mg/Kg		07/12/22 08:53	07/12/22 20:55	50
m-Xylene & p-Xylene	<0.199	U	0.199	mg/Kg		07/12/22 08:53	07/12/22 20:55	50
o-Xylene	0.127		0.0996	mg/Kg		07/12/22 08:53	07/12/22 20:55	50
Xylenes, Total	<0.199	U	0.199	mg/Kg		07/12/22 08:53	07/12/22 20:55	50
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130			07/12/22 08:53	07/12/22 20:55	50
1,4-Difluorobenzene (Surr)	98		70 - 130			07/12/22 08:53	07/12/22 20:55	50
Method: Total BTEX - Total BT	EX Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.199	U	0.199	mg/Kg			07/13/22 10:56	

Eurofins Carlsbad

Client Sample Results

Client: Ensolum Job ID: 890-2492-1 Project/Site: Baish B Battery SDG: 03d2057009

Client Sample ID: SS03 Lab Sample ID: 890-2492-3

Date Collected: 06/30/22 11:10 Matrix: Solid

Date Received: 07/01/22 09:03 Sample Depth: 0.5

Method: 8015 NM - Diesel Range C	Organics (DRO) (GC)						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4640	250	mg/Kg			07/07/22 09:01	1
Method: 8015B NM - Diesel Range	Organics (DRO) (GC)						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<250 U	250	mg/Kg		07/05/22 08:59	07/06/22 19:04	5

(GRO)-C6-C10 **Diesel Range Organics (Over** 3590 250 mg/Kg 07/05/22 08:59 07/06/22 19:04 C10-C28) **Oll Range Organics (Over** 1050 250 mg/Kg 07/05/22 08:59 07/06/22 19:04 C28-C36)

Qualifier Limits Prepared Analyzed Dil Fac Surrogate %Recovery 70 - 130 07/05/22 08:59 1-Chlorooctane 07/06/22 19:04 96 o-Terphenyl 88 70 - 130 07/05/22 08:59 07/06/22 19:04 5

Method: 300.0 - Anions, Ion Chromatography - Soluble Result Qualifier RL Unit Analyte D Prepared Dil Fac Analyzed 88.3 Chloride 5.00 mg/Kg 07/08/22 11:29

Client Sample ID: SS04 Lab Sample ID: 890-2492-4

Date Collected: 06/30/22 11:20 **Matrix: Solid**

Date Received: 07/01/22 09:03 Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		07/12/22 08:53	07/12/22 18:51	1
Toluene	<0.00199	U	0.00199	mg/Kg		07/12/22 08:53	07/12/22 18:51	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		07/12/22 08:53	07/12/22 18:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		07/12/22 08:53	07/12/22 18:51	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		07/12/22 08:53	07/12/22 18:51	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		07/12/22 08:53	07/12/22 18:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130			07/12/22 08:53	07/12/22 18:51	1
1,4-Difluorobenzene (Surr)	96		70 - 130			07/12/22 08:53	07/12/22 18:51	1

	Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
l	Total BTEX	<0.00398	U	0.00398	mg/Kg			07/13/22 10:56	1

Method: 8015 NM - Diesel Range (Organics (DRO) (GC)						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	733	50.0	mg/Kg			07/07/22 09:01	1

Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		07/05/22 08:59	07/06/22 19:25	1
Diesel Range Organics (Over C10-C28)	414		50.0	mg/Kg		07/05/22 08:59	07/06/22 19:25	1

Client Sample Results

Client: Ensolum

Project/Site: Baish B Battery

Job ID: 890-2492-1

SDG: 03d2057009

Client Sample ID: SS04 Lab Sample ID: 890-2492-4

Date Collected: 06/30/22 11:20

Date Received: 07/01/22 09:03

Matrix: Solid

Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	319		50.0	mg/Kg		07/05/22 08:59	07/06/22 19:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130			07/05/22 08:59	07/06/22 19:25	1
o-Terphenyl	90		70 - 130			07/05/22 08:59	07/06/22 19:25	1
- Method: 300.0 - Anions, Ion C	hromatography -	Soluble						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	88.4		4.97	mg/Kg			07/08/22 11:39	1

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Surrogate Summary

Job ID: 890-2492-1 Client: Ensolum Project/Site: Baish B Battery SDG: 03d2057009

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

		BFB1	DFBZ1	Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-16742-A-1-F MS	Matrix Spike	94	107	
380-16742-A-1-G MSD	Matrix Spike Duplicate	116	101	
390-2492-1	SS01	175 S1+	128	
390-2492-2	SS02	115	100	
390-2492-3	SS03	113	98	
390-2492-4	SS04	123	96	
_CS 880-29509/1-A	Lab Control Sample	103	105	
LCSD 880-29509/2-A	Lab Control Sample Dup	92	108	
MB 880-29509/5-A	Method Blank	100	104	
Surrogate Legend				

DFBZ = 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Prep Type: Total/NA **Matrix: Solid**

Client Sample ID	1001	ОТРН1	Percent Surrogate Recovery (Acceptance Limits)
Client Sample ID	1001	OTPH1	
Client Sample ID		J.7 111	
Olietit Galiibie in	(70-130)	(70-130)	
Matrix Spike	120	110	
Matrix Spike Duplicate	122	114	
SS01	99	95	
SS02	120	107	
SS03	96	88	
SS04	100	90	
Lab Control Sample	103	100	
Lab Control Sample Dup	107	102	
Method Blank	113	130	
SSL	S01 S02 S03 S04 ab Control Sample ab Control Sample Dup	S01 99 S02 120 S03 96 S04 100 ab Control Sample 103 ab Control Sample Dup 107	S01 99 95 S02 120 107 S03 96 88 S04 100 90 ab Control Sample 103 100 ab Control Sample Dup 107 102

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: Ensolum Job ID: 890-2492-1 Project/Site: Baish B Battery SDG: 03d2057009

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-29509/5-A

Analysis Batch: 29514

Matrix: Solid

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 29509

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		07/12/22 08:53	07/12/22 13:36	1
Toluene	<0.00200	U	0.00200	mg/Kg		07/12/22 08:53	07/12/22 13:36	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		07/12/22 08:53	07/12/22 13:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		07/12/22 08:53	07/12/22 13:36	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		07/12/22 08:53	07/12/22 13:36	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		07/12/22 08:53	07/12/22 13:36	1

MB MB

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	_	07/12/22 08:53	07/12/22 13:36	1
1,4-Difluorobenzene (Surr)	104		70 - 130		07/12/22 08:53	07/12/22 13:36	1

Spike

Added

0.100

Limits

LCS LCS

0.1070

Result Qualifier

Unit

mg/Kg

Lab Sample ID: LCS 880-29509/1-A

Matrix: Solid

Analyte

Benzene

Surrogate

Analysis Batch: 29514

Client Sample ID: Lab Control Sample

70 - 130 70 - 130

%Rec

107

103

92

90

95

Prep Type: Total/NA

Prep Batch: 29509

Limits 70 - 130 70 - 130 70 - 130

Ioluene	0.100	0.1030	mg/Kg	
Ethylbenzene	0.100	0.09190	mg/Kg	
m-Xylene & p-Xylene	0.200	0.1795	mg/Kg	
o-Xylene	0.100	0.09522	mg/Kg	
LCS LCS				
LC3 LC3				

70 - 130 4-Bromofluorobenzene (Surr) 103 105 70 - 130 1,4-Difluorobenzene (Surr)

Lab Sample ID: LCSD 880-29509/2-A

Matrix: Solid

Analysis Batch: 29514

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 29509

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1118		mg/Kg		112	70 - 130	4	35	
Toluene	0.100	0.1066		mg/Kg		107	70 - 130	3	35	
Ethylbenzene	0.100	0.09670		mg/Kg		97	70 - 130	5	35	
m-Xylene & p-Xylene	0.200	0.1880		mg/Kg		94	70 - 130	5	35	
o-Xylene	0.100	0.09814		mg/Kg		98	70 - 130	3	35	

LCSD LCSD

%Recovery Qualifier

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-16742-A-1-F MS

Matrix: Solid

Analysis Batch: 29514

Client Sample ID: Matrix Spike Prep Type: Total/NA

Prep Batch: 29509

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.101	0.1173		mg/Kg		117	70 - 130	
Toluene	<0.00200	U	0.101	0.1097		mg/Kg		109	70 - 130	

QC Sample Results

Client: Ensolum Job ID: 890-2492-1 Project/Site: Baish B Battery SDG: 03d2057009

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

Lab Sample ID: 880-16742-A-1-F MS

Lab Sample ID: 880-16742-A-1-G MSD

Matrix: Solid

Matrix: Solid

o-Xylene

Analysis Batch: 29514

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 29509

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene	<0.00200	U	0.101	0.09845		mg/Kg		97	70 - 130	
m-Xylene & p-Xylene	<0.00401	U	0.201	0.1898		mg/Kg		93	70 - 130	
o-Xylene	<0.00200	U	0.101	0.09877		mg/Kg		98	70 - 130	

MS MS

Surrogate	%Recovery Quality	fier Limits
4-Bromofluorobenzene (Surr)	94	70 - 130
1,4-Difluorobenzene (Surr)	107	70 - 130

Client Sample ID: Matrix Spike Duplicate

70 - 130

124

Prep Type: Total/NA

Prep Batch: 29509 RPD

23

Analysis Batch: 29514 Sample Sample Spike MSD MSD Result Qualifier RPD Limit Analyte babbA Result Qualifier Unit %Rec Limits 0.0998 Benzene <0.00200 U 0.09189 mg/Kg 92 70 - 130 24 35 Toluene <0.00200 U 0.0998 0.1146 mg/Kg 115 70 - 130 4 35 Ethylbenzene <0.00200 U 0.0998 0.1180 mg/Kg 118 70 - 130 35 18 0.200 0.2405 70 - 130 m-Xylene & p-Xylene <0.00401 U mg/Kg 119 24 35

0.1242

mg/Kg

0.0998

MSD MSD

<0.00200 U

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	116	70 - 130
1,4-Difluorobenzene (Surr)	101	70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-28993/1-A

Matrix: Solid

Analysis Batch: 29112

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28993

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		07/05/22 08:59	07/06/22 10:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		07/05/22 08:59	07/06/22 10:39	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		07/05/22 08:59	07/06/22 10:39	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepai	red	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	07/05/22	08:59	07/06/22 10:39	1
o-Terphenyl	130		70 - 130	07/05/22	08:59	07/06/22 10:39	1

Lab Sample ID: LCS 880-28993/2-A

Matrix: Solid

Analysis Batch: 29112

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 28993

Spike LCS LCS %Rec Added Qualifier Analyte Result Unit %Rec Limits 1000 919.7 92 70 - 130 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1066 mg/Kg 107 70 - 130

C10-C28)

Job ID: 890-2492-1

Client: Ensolum Project/Site: Baish B Battery SDG: 03d2057009

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-28993/2-A Client Sample ID: Lab Control Sample

Matrix: Solid Prep Type: Total/NA Analysis Batch: 29112 Prep Batch: 28993

LCS LCS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 103 70 - 130 o-Terphenyl 100 70 - 130

Lab Sample ID: LCSD 880-28993/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid Prep Type: Total/NA

Analysis Batch: 29112 Prep Batch: 28993

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit 1000 955.0 95 70 - 13020 Gasoline Range Organics mg/Kg 4 (GRO)-C6-C10 1000 105 Diesel Range Organics (Over 1048 mg/Kg 70 - 1302 20 C10-C28)

LCSD LCSD Surrogate %Recovery Qualifier Limits 107 70 - 130 1-Chlorooctane 102 70 - 130 o-Terphenyl

Lab Sample ID: 890-2489-A-1-A MS Client Sample ID: Matrix Spike **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 29112

MS MS Surrogate %Recovery Qualifier Limits

1-Chlorooctane 70 - 130 120 o-Terphenyl 110 70 - 130

Lab Sample ID: 890-2489-A-1-A MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid Analysis Batch: 29112

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	122		70 - 130
o-Terphenyl	114		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-28997/1-A Client Sample ID: Method Blank **Matrix: Solid**

Prep Type: Soluble Analysis Batch: 29213

MB MB

Result Qualifier Analyte RL Unit Prepared Analyzed Dil Fac Chloride <5.00 U 5.00 07/08/22 07:48 mg/Kg

Lab Sample ID: LCS 880-28997/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 29213

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits Chloride 250 243.8 98 90 - 110 mg/Kg

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Prep Batch: 28993

Prep Type: Total/NA

Prep Batch: 28993

QC Sample Results

Client: Ensolum Job ID: 890-2492-1 Project/Site: Baish B Battery

SDG: 03d2057009

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-28997/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 29213

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	250	244.3		mg/Kg		98	90 - 110	0	20	

Lab Sample ID: 890-2491-A-4-F MS Client Sample ID: Matrix Spike

Prep Type: Soluble Matrix: Solid

Analysis Batch: 29213

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	35.6		253	314.4		mg/Kg		110	90 - 110	

Lab Sample ID: 890-2491-A-4-G MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid Prep Type: Soluble

Analysis Batch: 29213

MSD MSD %Rec RPD Sample Sample Spike Result Qualifier Limit Analyte Added Result Qualifier Unit Limits **RPD** Chloride 35.6 253 304.1 106 90 - 110 mg/Kg

QC Association Summary

Client: Ensolum Job ID: 890-2492-1
Project/Site: Baish B Battery SDG: 03d2057009

GC VOA

Prep Batch: 29509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2492-1	SS01	Total/NA	Solid	5035	
890-2492-2	SS02	Total/NA	Solid	5035	
890-2492-3	SS03	Total/NA	Solid	5035	
890-2492-4	SS04	Total/NA	Solid	5035	
MB 880-29509/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-29509/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-29509/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-16742-A-1-F MS	Matrix Spike	Total/NA	Solid	5035	
880-16742-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 29514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2492-1	SS01	Total/NA	Solid	8021B	29509
890-2492-2	SS02	Total/NA	Solid	8021B	29509
890-2492-3	SS03	Total/NA	Solid	8021B	29509
890-2492-4	SS04	Total/NA	Solid	8021B	29509
MB 880-29509/5-A	Method Blank	Total/NA	Solid	8021B	29509
LCS 880-29509/1-A	Lab Control Sample	Total/NA	Solid	8021B	29509
LCSD 880-29509/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	29509
880-16742-A-1-F MS	Matrix Spike	Total/NA	Solid	8021B	29509
880-16742-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	29509

Analysis Batch: 29647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep Batch
890-2492-1	SS01	Total/NA	Solid	Total BTEX
890-2492-2	SS02	Total/NA	Solid	Total BTEX
890-2492-3	SS03	Total/NA	Solid	Total BTEX
890-2492-4	SS04	Total/NA	Solid	Total BTEX

GC Semi VOA

Prep Batch: 28993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2492-1	SS01	Total/NA	Solid	8015NM Prep	
890-2492-2	SS02	Total/NA	Solid	8015NM Prep	
890-2492-3	SS03	Total/NA	Solid	8015NM Prep	
890-2492-4	SS04	Total/NA	Solid	8015NM Prep	
MB 880-28993/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-28993/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-28993/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2489-A-1-A MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2489-A-1-A MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 29112

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Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2492-1	SS01	Total/NA	Solid	8015B NM	28993
890-2492-2	SS02	Total/NA	Solid	8015B NM	28993
890-2492-3	SS03	Total/NA	Solid	8015B NM	28993
890-2492-4	SS04	Total/NA	Solid	8015B NM	28993
MB 880-28993/1-A	Method Blank	Total/NA	Solid	8015B NM	28993
LCS 880-28993/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	28993

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QC Association Summary

Client: Ensolum
Project/Site: Baish B Battery
SDG: 03d2057009

GC Semi VOA (Continued)

Analysis Batch: 29112 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-28993/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	28993
890-2489-A-1-A MS	Matrix Spike	Total/NA	Solid	8015B NM	28993
890-2489-A-1-A MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	28993

Analysis Batch: 29178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2492-1	SS01	Total/NA	Solid	8015 NM	
890-2492-2	SS02	Total/NA	Solid	8015 NM	
890-2492-3	SS03	Total/NA	Solid	8015 NM	
890-2492-4	SS04	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 28997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2492-1	SS01	Soluble	Solid	DI Leach	_
890-2492-2	SS02	Soluble	Solid	DI Leach	
890-2492-3	SS03	Soluble	Solid	DI Leach	
890-2492-4	SS04	Soluble	Solid	DI Leach	
MB 880-28997/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-28997/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-28997/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2491-A-4-F MS	Matrix Spike	Soluble	Solid	DI Leach	
890-2491-A-4-G MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 29213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2492-1	SS01	Soluble	Solid	300.0	28997
890-2492-2	SS02	Soluble	Solid	300.0	28997
890-2492-3	SS03	Soluble	Solid	300.0	28997
890-2492-4	SS04	Soluble	Solid	300.0	28997
MB 880-28997/1-A	Method Blank	Soluble	Solid	300.0	28997
LCS 880-28997/2-A	Lab Control Sample	Soluble	Solid	300.0	28997
LCSD 880-28997/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	28997
890-2491-A-4-F MS	Matrix Spike	Soluble	Solid	300.0	28997
890-2491-A-4-G MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	28997

Job ID: 890-2492-1 SDG: 03d2057009

Client: Ensolum Project/Site: Baish B Battery

Lab Sample ID: 890-2492-1

Client Sample ID: SS01 Date Collected: 06/30/22 10:40 Matrix: Solid Date Received: 07/01/22 09:03

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 g	29509	07/12/22 08:53	MR	XEN MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	29514	07/12/22 20:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29647	07/13/22 10:56	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29178	07/07/22 09:01	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	28993	07/05/22 08:59	AM	XEN MID
Total/NA	Analysis	8015B NM		5			29112	07/06/22 18:20	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	28997	07/05/22 09:12	CH	XEN MID
Soluble	Analysis	300.0		1			29213	07/08/22 10:52	CH	XEN MID

Client Sample ID: SS02 Lab Sample ID: 890-2492-2

Date Collected: 06/30/22 10:50 Matrix: Solid

Date Received: 07/01/22 09:03

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 g	29509	07/12/22 08:53	MR	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	29514	07/12/22 20:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29647	07/13/22 10:56	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29178	07/07/22 09:01	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	28993	07/05/22 08:59	AM	XEN MID
Total/NA	Analysis	8015B NM		5			29112	07/06/22 18:42	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	28997	07/05/22 09:12	CH	XEN MID
Soluble	Analysis	300.0		1			29213	07/08/22 11:02	CH	XEN MID

Client Sample ID: SS03 Lab Sample ID: 890-2492-3

Date Collected: 06/30/22 11:10 **Matrix: Solid** Date Received: 07/01/22 09:03

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 g	29509	07/12/22 08:53	MR	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	29514	07/12/22 20:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29647	07/13/22 10:56	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29178	07/07/22 09:01	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28993	07/05/22 08:59	AM	XEN MID
Total/NA	Analysis	8015B NM		5			29112	07/06/22 19:04	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28997	07/05/22 09:12	CH	XEN MID
Soluble	Analysis	300.0		1			29213	07/08/22 11:29	CH	XEN MID

Client Sample ID: SS04 Lab Sample ID: 890-2492-4

Date Collected: 06/30/22 11:20 **Matrix: Solid** Date Received: 07/01/22 09:03

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 g	29509	07/12/22 08:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29514	07/12/22 18:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29647	07/13/22 10:56	AJ	XEN MID

Lab Chronicle

Client: Ensolum Job ID: 890-2492-1 Project/Site: Baish B Battery SDG: 03d2057009

Client Sample ID: SS04 Lab Sample ID: 890-2492-4 Date Collected: 06/30/22 11:20

Matrix: Solid

Date Received: 07/01/22 09:03

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			29178	07/07/22 09:01	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28993	07/05/22 08:59	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29112	07/06/22 19:25	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	28997	07/05/22 09:12	CH	XEN MID
Soluble	Analysis	300.0		1			29213	07/08/22 11:39	CH	XEN MID

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Ensolum Job ID: 890-2492-1 Project/Site: Baish B Battery SDG: 03d2057009

Laboratory: Eurofins Midland

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

Authority	Pr	ogram	Identification Number	Expiration Date
Texas	NE	ELAP	T104704400-22-24	06-30-23
The following analytes	are included in this report, bu	it the laboratory is not certific	ed by the governing authority. This list ma	av include analytes for
the agency does not of	fer certification.	•	, , ,	·, ·····
the agency does not of Analysis Method	fer certification . Prep Method	Matrix	Analyte	,
0 ,		Matrix Solid	, , ,	

Method Summary

Client: Ensolum

Project/Site: Baish B Battery

SDG: 03d2057009

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID

Protocol References:

DI Leach

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Deionized Water Leaching Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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XEN MID

ASTM

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Sample Summary

Client: Ensolum

Project/Site: Baish B Battery

Job ID: 890-2492-1

SDG: 03d2057009

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2492-1	SS01	Solid	06/30/22 10:40	07/01/22 09:03	0.5
890-2492-2	SS02	Solid	06/30/22 10:50	07/01/22 09:03	0.5
890-2492-3	SS03	Solid	06/30/22 11:10	07/01/22 09:03	0.5
890-2492-4	SS04	Solid	06/30/22 11:20	07/01/22 09:03	0.5

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300 Chain of Custody

;			chain of Custody		
eurotins En	Environment Testing	Houston, TX (281) 24	Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300		Work Order No:
3X	Xenco	EL Paso, TX (915) 585- EL Paso, TX (915) 585- Hobbs, NM (575) 392-	EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296 Hobbs, NM (575) 392-7550, Carisbad, NM (575) 988-3199) on 0
Designat Manager	Paniers	Bill to: (if different)		NA NA	
Fred	1			Program: UST/PST	PRP Brownfields RRC Superfund
3122 4	Parts Hanks How			State of Project:	
e ZIP. Cas / Sha	N X	City, State ZIP:		Reporting: Level II	Level III PST/UST TRRP Level IV
Phone: 517 .CB	3-2507 Email:			Deliverables: EDD	ADaPT ☐ Other:
Project Name:	B. or your	Turn Around	ANA	ANALYSIS REQUEST	Preservative Codes
er:	7009 EROUT	Rush Code			None: NO DI Water: H ₂ O
	t				Cool: Cool
3 7	TAT starts the	day received by	(
PO #:	the lab, if rece	the lab, if received by 4:30pm			H ₂ SO ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT Temp Blank:	Slank: No Wet Ice:	Les No	510		H ₃ PO ₄ : HP
tact:	Thermometer	DAY OS JAMES	38		NaHSO 4: NABIS
Cooler Custody Seals: Yes No	M/A Correction Factor:	0		THE PROPERTY OF CUSTODY	Na ₂ S ₂ O ₃ ; NaSO ₃
Sample Custody Seals: Yes No	N/A	2.6	88	7-248Z Claim of Case 2	Zn Acetate+NaOH: Zn
Total Containers:	Corrected Temperature:	111	40		NAOTHANCOIDIC ACID. SAL
Sample Identification	Matrix Sampled Sampled	Depth Gomb Cont	11		Sample Comments
561	D	1 - 0 5			T. TO
5502		. F G 1	>		NAP 22111 47447
5503	5 630 11:10	5 6			
\$50t/	2 (30 11.20	5-61	/		
Total 200.7 / 6010 200.8 / 6020: Circle Method(s) and Metal(s) to be analyzed	8RCR/	A 13PPM Texas 11 AI Sb As B TCLP/SPLP 6010 : 8RCRA Sb As	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni CRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U	K Se Ag Hg:	SiO ₂ Na Sr Tl Sn U V Zn 1631 / 245.1 / 7470 / 7471
Notice. Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Euroffins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of service. Eurofins Xenco, will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of such any service. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	nent of samples constitutes a valid purchase ord cost of samples and shall not assume any respo I be applied to each project and a charge of \$5 I	er from client company to Eurofins Xencc nsibility for any losses or expenses incur for each sample submitted to Eurofins Xe	o, its affiliates and subcontractors. It assigned by the client if such losses are due to cence, but not analyzed. These terms will be	ins standard terms and conditions arcumstances beyond the control be enforced unless previously negotiated.	
Relinquished by: (Signature)	(ereived by (Signature)	e) Date/	Date/Time Relinquished	Relinquished by: (Signature) Received by	Received by: (Signature) Date/Time
In	(100 (20)	2.1.23	20.65		
			4 4		
			>		A AAAA

Eurofins Carlsbad

1089 N Canal St Carlsbad NM 88220 Phone 575-988-3199 Fax 575-988-3199 **Chain of Custody Record** eurofins Environment Testing

Client Information (Sub Contract Lab)	Sampler:			Lab PM Krame	Lab PM Kramer Jessica	ğ				Carrie	Carrier Tracking No(s)	g No(s)	l		COC No 890-827 1	
Client Contact: Shipping/Receiving	Phone:			E-Mail Jessi	E-Mail Jessica Kramer@et eurofinsus com	et ei	rofinsi	us con	_	State New	State of Origin: New Mexico				Page Page 1 of 1	
Company Eurofins Environment Testing South Centr					Accreditations Required (See note) NELAP - Texas	ns Requir Texas	ed (See	note)		•					Job #: 890-2492-1	
Address 1211 W Florida Ave	Due Date Requested 7/8/2022	ā		i				Analysis		Requested	<u> </u>	İ			Preservation Codes	- 1
City Midland	TAT Requested (days)	ys)					\dashv				_	\dashv	_	Acres de la constante de la co		N None O AsNaO2
State Zip TX 79701					riggi ressi yer. Ahte soo hille						······································			ter anne stelm	D Nitric Acid E NaHSO4	P Na204S Q Na2SO3
Phone: 432-704-5440(Tel)	PO#				ingengeneene, ingidiseene	-,	le 							an an an ann		
Email	WO#:				(o)	,,,,,								· ·	I Ice J DI Water	€ < ⊂
Project Name: baish b battery	Project #: 89000094				s or					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				ainer	K EDTA	Y Trizma
Site	SSOW#) (Ye									cont	Other:	
					MSD									rofc		
		8	Sample Type	Matrix (w=water S=solid	Filtered orm MS/I MOD_NM/	MOD_Cale	ORGFM_2 	_BTEX_G						Number		
Sample Identification - Client ID (Lab ID)	Sample Date	Time	Y 3	#I	Per	4	4-	- 1			-			Tota	Special	Special Instructions/Note
ss01 (890-2492-1)	6/30/22	10 40	Solid	Solid	\ ×	×	Υ Υ	Υ		de la constitución de la constit			-140	٠,		
ss02 (890-2492-2)	6/30/22	Mountain 10 50		Selec	, ;		-		-		+	\dagger	-	S S		
ss03 (890-2492-3)	6/30/22	Mountain 11 10		Solid	× ;		× ?	× >			-				and the Constitute	
ss04 (890-2492-4)	6/30/22	Mountain		Solid	×	×	×	×			\dashv			4		
							\dashv									
														4		
												 				
							_				-	_				***************************************
Note: Since laboratory accreditations are subject to change Eurofins Environment Testing South Central LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/lests/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing South Central LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC.	nt Testing South Centra bove for analysis/tests/ entral LLC attention im	al LLC places matrix being a mediately If a	the ownership on alyzed the sa	of method ana mples must be creditations are	yte & accreashipped bac	ditation co ok to the E late retur	mpliance urofins to the sign	e upon c Environn	out subco nent Tes: ain of Cu:	intract lak ting Sout	oratories Central sting to	This s	ample s oratory plicance	hipment or other to Euro	t is forwarded under instructions will be afins Environment T	r chain-of-custody If the provided Any changes t esting South Central LLC
Possible Hazard Identification Unconfirmed					Samp	Sample Disposal (A f	osal (To Clie	A fee i	may be	Dispo	assessed if san Disposal By Lab	sample	s are	retain	fee may be assessed if samples are retained longer than 1 month) t Disposal By Lab Archive For Mon	n 1 month)
Deliverable Requested I II III IV Other (specify)	Primary Deliverable Rank 2	ible Rank 2			Speci	Special Instructions/Q	ctions/	OC Re	C Requirements	ents	ŀ			-		
Empty Kit Relinquished by:		Date			Time	\leq			l		Method of Shipment.	of Shipm	ent.	ı		
Relinquished by:	Date/Time			Company	Re	Received by	B	P)	31	2		Date/Tim	₩	4	106 6	Company
Relinquished by	Date/Time			Company	~ <u>~</u>	Received by			1			Date	Date/Time:	1		Company
Relinquished by	Date/Time			Company	Re	Received by						Date	Date/Time			Company
Custody Seals Intact: Custody Seal No A Yes A No					- C	Cooler Temperature(s)	perature		nd Other	°C and Other Remarks		07	2	òη	5	
													1	ŀ		**************************************

Ver 06/08/2021

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-2492-1

SDG Number: 03d2057009

Login Number: 2492 List Source: Eurofins Carlsbad

List Number: 1 Creator: Clifton, Cloe

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 <6mm (1/4").	N/A	

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Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-2492-1 SDG Number: 03d2057009

Login Number: 2492 **List Source: Eurofins Midland** List Number: 2

List Creation: 07/05/22 09:17 AM

Creator: Kramer, Jessica

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.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	N/A	

Eurofins Carlsbad

<6mm (1/4").



ANALYTICAL REPORT

Eurofins Carlsbad 1089 N Canal St. Carlsbad, NM 88220 Tel: (575)988-3199

Laboratory Job ID: 890-2750-1

Laboratory Sample Delivery Group: 03D2057016

Client Project/Site: Biash B Battery

Revision: 2

For:

eurofins

Ensolum 705 W. Wadley Suite 210 Midland, Texas 79701

Attn: Kalei Jennings

MRAMER

Authorized for release by: 9/30/2022 1:48:26 PM

Jessica Kramer, Project Manager (432)704-5440

Jessica.Kramer@et.eurofinsus.com

The Expert

Visit us at:

.....LINKS

Review your project results through

EOL

Have a Question?

www.eurofinsus.com/Env
Released to Imaging: 10/13/2022 12:38:49 PM

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Client: Ensolum
Project/Site: Biash B Battery

Laboratory Job ID: 890-2750-1
SDG: 03D2057016

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Definitions/Glossary

Client: Ensolum Job ID: 890-2750-1 Project/Site: Biash B Battery

SDG: 03D2057016

Qualifiers

GC VOA Qualifier

LCS and/or LCSD is outside acceptance limits, high biased.

F1 MS and/or MSD recovery exceeds control limits.

F2 MS/MSD RPD exceeds control limits

Qualifier Description

S1+ Surrogate recovery exceeds control limits, high biased. U Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier **Qualifier Description**

F1 MS and/or MSD recovery exceeds control limits.

U Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

F1 MS and/or MSD recovery exceeds control limits.

U Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery **CFL** Contains Free Liquid CFU Colony Forming Unit **CNF** Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac **Dilution Factor**

DL Detection Limit (DoD/DOE)

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

DLC Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level" MDA Minimum Detectable Activity (Radiochemistry)

MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit ML Minimum Level (Dioxin) MPN Most Probable Number MQL Method Quantitation Limit

NC Not Calculated

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

Negative / Absent NEG POS Positive / Present

Practical Quantitation Limit POI

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry) RL

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

TEF Toxicity Equivalent Factor (Dioxin) **TEQ** Toxicity Equivalent Quotient (Dioxin)

Too Numerous To Count **TNTC**

Case Narrative

Client: Ensolum

Project/Site: Biash B Battery

Job ID: 890-2750-1

SDG: 03D2057016

Job ID: 890-2750-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-2750-1

REVISION

The report being provided is a revision of the original report sent on 8/26/2022. The report (revision 2) is being revised due to Per client email, requesting sample depth correction.

Report revision history

The report being provided is a revision of the original report sent on 8/26/2022. The report (revision 2) is being revised due to Per client email, requesting sample depth correction.

Revision 1 - 9/28/2022 - Reason - Per client email, correcting sample depth.

Receipt

The samples were received on 8/12/2022 4:52 PM. 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 12.0°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-32568 and analytical batch 880-32832 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: BH04 (890-2750-7) and BH04 (890-2750-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-32931 and analytical batch 880-32832 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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

GC Semi VOA

Method 8015MOD NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-32206 and analytical batch 880-32197 were outside control limits. Sample matrix interference and/or non-homogeneity are 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.

HPLC/IC

Method 300_ORGFM_28D: The spiking solution was inadvertently omitted during the extraction process for the laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) associated with preparation batch 880-32319; therefore, percent recoveries are unavailable

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

Eurofins Carlsbad 9/30/2022 (Rev. 2)

Matrix: Solid

Job ID: 890-2750-1

Client: Ensolum Project/Site: Biash B Battery SDG: 03D2057016

Client Sample ID: BH01 Lab Sample ID: 890-2750-1 Date Collected: 08/12/22 11:00

Date Received: 08/12/22 16:52 Sample Depth: 1'

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1 F2	0.00201	mg/Kg		08/20/22 15:24	08/25/22 11:08	1
Toluene	<0.00201	U F1 F2	0.00201	mg/Kg		08/20/22 15:24	08/25/22 11:08	1
Ethylbenzene	<0.00201	U F1 F2	0.00201	mg/Kg		08/20/22 15:24	08/25/22 11:08	1
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.00402	mg/Kg		08/20/22 15:24	08/25/22 11:08	1
o-Xylene	<0.00201	U F1 F2	0.00201	mg/Kg		08/20/22 15:24	08/25/22 11:08	1
Xylenes, Total	<0.00402	U F1 F2	0.00402	mg/Kg		08/20/22 15:24	08/25/22 11:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130			08/20/22 15:24	08/25/22 11:08	1
1,4-Difluorobenzene (Surr)	95		70 - 130			08/20/22 15:24	08/25/22 11:08	1

Method: Total BTEX - Total BT	EX Calculation						
Analyte	Result Qua	alifier RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402 U	0.00402	mg/Kg			08/25/22 11:56	1

Method: 8015 NM - Diesel Rang	je Organics (DRO) (G	iC)					
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	236	49.8	mg/Kg			08/17/22 09:07	1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		08/16/22 09:10	08/16/22 15:01	1
Diesel Range Organics (Over C10-C28)	115		49.8	mg/Kg		08/16/22 09:10	08/16/22 15:01	1
Oll Range Organics (Over C28-C36)	121		49.8	mg/Kg		08/16/22 09:10	08/16/22 15:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130			08/16/22 09:10	08/16/22 15:01	1

L	o-Terphenyl	79		70 - 130			08/16/22 09:10	08/16/22 15:01	1
	Method: 300.0 - Anions, Ion Chron	natogra	phy - Solub	le					
	Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	13.9	F1	4.97	mg/Kg			08/22/22 10:27	1

Client Sample ID: BH01 Lab Sample ID: 890-2750-2 Date Collected: 08/12/22 11:10 **Matrix: Solid**

Date Received: 08/12/22 16:52

Sample Depth: 3'

Method: 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200	mg/Kg		08/20/22 15:24	08/25/22 11:29	1	
Toluene	<0.00200	U	0.00200	mg/Kg		08/20/22 15:24	08/25/22 11:29	1	
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/20/22 15:24	08/25/22 11:29	1	
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		08/20/22 15:24	08/25/22 11:29	1	
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/20/22 15:24	08/25/22 11:29	1	
Xylenes, Total	< 0.00399	U	0.00399	mg/Kg		08/20/22 15:24	08/25/22 11:29	1	

Job ID: 890-2750-1

Matrix: Solid

SDG: 03D2057016

Lab Sample ID: 890-2750-2

Client Sample ID: BH01

Project/Site: Biash B Battery

Date Collected: 08/12/22 11:10

Date Received: 08/12/22 16:52

Sample Depth: 3'

Client: Ensolum

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	08/20/22 15:24	08/25/22 11:29	1
1,4-Difluorobenzene (Surr)	92		70 - 130	08/20/22 15:24	08/25/22 11:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result (Qualifier RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U 0.00399	mg/Kg			08/25/22 11:56	1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	94.2		50.0	mg/Kg			08/17/22 09:07	1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/16/22 09:10	08/16/22 15:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		08/16/22 09:10	08/16/22 15:23	1
Oll Range Organics (Over C28-C36)	94.2		50.0	mg/Kg		08/16/22 09:10	08/16/22 15:23	1

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96	70 - 130	08/16/22 09:10	08/16/22 15:23	1
o-Terphenyl	100	70 - 130	08/16/22 09:10	08/16/22 15:23	1

Method: 300.0 - /	Anions, Ior	n Chromatography	y - Soluble
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Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.4	4.95	mg/Kg			08/22/22 10:54	1

Lab Sample ID: 890-2750-3 **Client Sample ID: BH02 Matrix: Solid**

Date Collected: 08/12/22 11:20 Date Received: 08/12/22 16:52

Released to Imaging: 10/13/2022 12:38:49 PM

Sample Depth: 1'

Method: 8021B - Volatile O	rganic Compo	unas (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		08/20/22 15:24	08/25/22 11:49	1
Toluene	< 0.00199	U	0.00199	mg/Kg		08/20/22 15:24	08/25/22 11:49	1
Ethylbenzene	< 0.00199	U	0.00199	mg/Kg		08/20/22 15:24	08/25/22 11:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		08/20/22 15:24	08/25/22 11:49	1
o-Xylene	0.00470		0.00199	mg/Kg		08/20/22 15:24	08/25/22 11:49	1
Xylenes, Total	0.00470		0.00398	mg/Kg		08/20/22 15:24	08/25/22 11:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130			08/20/22 15:24	08/25/22 11:49	1
1,4-Difluorobenzene (Surr)	89		70 - 130			08/20/22 15:24	08/25/22 11:49	1

Method: Total BTEX - Total BT	EX Calculation						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00470	0.00398	mg/Kg			08/25/22 11:56	1

Date Received: 08/12/22 16:52

Job ID: 890-2750-1

Client: Ensolum Project/Site: Biash B Battery SDG: 03D2057016

Client Sample ID: BH02 Lab Sample ID: 890-2750-3 Date Collected: 08/12/22 11:20

Matrix: Solid

Sample Depth: 1'

Method: 8015 N	IM - Diesel Range Organic	s (DRO) (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	344		50.0	mg/Kg			08/17/22 09:07	1

IOIAI IPH	344		30.0	mg/rxg			00/11/22 09.01	
Method: 8015B NM - Diesel I			• •					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/16/22 09:10	08/16/22 13:34	1
Diesel Range Organics (Over C10-C28)	124		50.0	mg/Kg		08/16/22 09:10	08/16/22 13:34	1
Oll Range Organics (Over C28-C36)	220		50.0	mg/Kg		08/16/22 09:10	08/16/22 13:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130			08/16/22 09:10	08/16/22 13:34	1
o-Terphenyl	90		70 - 130			08/16/22 09:10	08/16/22 13:34	1

Method: 300.0 - Anions	, Ion Chromatograph	hy - Soluble	Э					
Analyte	Result Q	ualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.1		5.05	mg/Kg			08/22/22 11:03	1

Lab Sample ID: 890-2750-4 **Client Sample ID: BH02 Matrix: Solid**

Date Collected: 08/12/22 11:30

Date Received: 08/12/22 16:52

Sample Depth: 2'

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		08/20/22 15:24	08/25/22 12:10	1
Toluene	< 0.00201	U	0.00201	mg/Kg		08/20/22 15:24	08/25/22 12:10	
Ethylbenzene	< 0.00201	U	0.00201	mg/Kg		08/20/22 15:24	08/25/22 12:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		08/20/22 15:24	08/25/22 12:10	1
o-Xylene	< 0.00201	U	0.00201	mg/Kg		08/20/22 15:24	08/25/22 12:10	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		08/20/22 15:24	08/25/22 12:10	•
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	104		70 - 130			08/20/22 15:24	08/25/22 12:10	
Method: Total BTEX - Tota			70 - 130		_	08/20/22 15:24		•
Method: Total BTEX - Tota Analyte	I BTEX Calcula Result	Qualifier	RL	Unit	<u>D</u>	08/20/22 15:24 Prepared	Analyzed	·
Method: Total BTEX - Tota Analyte Total BTEX	I BTEX Calcula Result <0.00402	Qualifier U	RL 0.00402	<mark>Unit</mark> mg/Kg	<u>D</u>			
Method: Total BTEX - Tota Analyte Total BTEX Method: 8015 NM - Diesel	I BTEX Calcula Result <0.00402 Range Organic	Qualifier U	RL 0.00402		<u>D</u>		Analyzed	Dil Fac
1,4-Difluorobenzene (Surr) Method: Total BTEX - Tota Analyte Total BTEX Method: 8015 NM - Diesel Analyte Total TPH	I BTEX Calcula Result <0.00402 Range Organic	Qualifier U s (DRO) (0	RL 0.00402	mg/Kg	_ =	Prepared	Analyzed 08/25/22 11:56	Dil Fac
Method: Total BTEX - Tota Analyte Total BTEX Method: 8015 NM - Diesel Analyte	I BTEX Calcula Result <0.00402 Range Organic Result 154	Qualifier U s (DRO) (O Qualifier	RL 0.00402 GC) RL 50.0	mg/Kg	_ =	Prepared	Analyzed 08/25/22 11:56 Analyzed	Dil Fac
Method: Total BTEX - Tota Analyte Total BTEX Method: 8015 NM - Diesel Analyte Total TPH	I BTEX Calcula Result <0.00402 Range Organic Result 154 I Range Organ	Qualifier U s (DRO) (O Qualifier	RL 0.00402 GC) RL 50.0	mg/Kg	_ =	Prepared	Analyzed 08/25/22 11:56 Analyzed	Dil Fac
Method: Total BTEX - Tota Analyte Total BTEX Method: 8015 NM - Diesel Analyte Total TPH Method: 8015B NM - Diese	I BTEX Calcula Result <0.00402 Range Organic Result 154 I Range Organ	Qualifier U S (DRO) (C Qualifier ics (DRO) Qualifier	RL 0.00402 GC) RL 50.0	mg/Kg Unit mg/Kg	<u></u> <u></u>	Prepared Prepared	Analyzed 08/25/22 11:56 Analyzed 08/17/22 09:07	Dil Fac

Job ID: 890-2750-1

Client: Ensolum Project/Site: Biash B Battery SDG: 03D2057016

Client Sample ID: BH02 Lab Sample ID: 890-2750-4 Date Collected: 08/12/22 11:30 **Matrix: Solid**

Date Received: 08/12/22 16:52 Sample Depth: 2'

Method: 8015B NM - Diese	el Range Organics (DRO)	(GC) (Continued	d)				
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	154	50.0	mg/Kg		08/16/22 09:10	08/16/22 13:56	1
Surrogate	%Recovery Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	86	70 - 130			08/16/22 09:10	08/16/22 13:56	1

Method: 300.0 - Anions, Ion Ch	nromatograp	hy - Solul	ole					
Analyte	Result (Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.2		5.01	mg/Kg			08/22/22 11:13	1

70 - 130

87

Client Sample ID: BH03 Lab Sample ID: 890-2750-5

Date Collected: 08/12/22 11:40 **Matrix: Solid**

Date Received: 08/12/22 16:52

Sample Depth: 2'

o-Terphenyl

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		08/20/22 15:24	08/25/22 12:30	1
Toluene	0.0105		0.00202	mg/Kg		08/20/22 15:24	08/25/22 12:30	1
Ethylbenzene	0.158		0.00202	mg/Kg		08/20/22 15:24	08/25/22 12:30	1
m-Xylene & p-Xylene	6.66		0.100	mg/Kg		08/25/22 13:50	08/26/22 00:38	25
o-Xylene	7.30	*+	0.0501	mg/Kg		08/25/22 13:50	08/26/22 00:38	25
Xylenes, Total	14.0		0.100	mg/Kg		08/25/22 13:50	08/26/22 00:38	25
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	286	S1+	70 - 130			08/20/22 15:24	08/25/22 12:30	1
4-Bromofluorobenzene (Surr)	442	S1+	70 - 130			08/25/22 13:50	08/26/22 00:38	25
1,4-Difluorobenzene (Surr)	93		70 - 130			08/20/22 15:24	08/25/22 12:30	1
1,4-Difluorobenzene (Surr)	83		70 - 130			08/25/22 13:50	08/26/22 00:38	25
Method: Total BTEX - Total	I BTEX Calcula	tion						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.1		0.100	mg/Kg			08/25/22 11:56	1
Method: 8015 NM - Diesel	Range Organic	s (DRO) (0	SC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	5190		250	ma/Ka			08/17/22 09:07	1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	5190		250	mg/Kg			08/17/22 09:07	1
Method: 8015B NM - Diesel I	Range Organ	ics (DRO)	(GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	670		250	mg/Kg		08/16/22 09:10	08/16/22 14:18	5
Diesel Range Organics (Over C10-C28)	3860		250	mg/Kg		08/16/22 09:10	08/16/22 14:18	5
Oll Range Organics (Over C28-C36)	662		250	mg/Kg		08/16/22 09:10	08/16/22 14:18	5
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130			08/16/22 09:10	08/16/22 14:18	5
o-Terphenyl	101		70 - 130			08/16/22 09:10	08/16/22 14:18	5

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08/16/22 09:10 08/16/22 13:56

Job ID: 890-2750-1

Client: Ensolum Project/Site: Biash B Battery SDG: 03D2057016

Client Sample ID: BH03 Lab Sample ID: 890-2750-5

Date Collected: 08/12/22 11:40 Matrix: Solid Date Received: 08/12/22 16:52

Sample Depth: 2'

Method: 300.0 - Anions, Ion C	hromatography - Solub	le					
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.1	4.98	mg/Kg			08/22/22 11:22	1

Client Sample ID: BH03 Lab Sample ID: 890-2750-6 Matrix: Solid

Date Collected: 08/12/22 11:50 Date Received: 08/12/22 16:52

Sample Depth: 3'

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		08/20/22 15:24	08/25/22 12:51	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/20/22 15:24	08/25/22 12:51	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/20/22 15:24	08/25/22 12:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		08/20/22 15:24	08/25/22 12:51	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/20/22 15:24	08/25/22 12:51	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		08/20/22 15:24	08/25/22 12:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130			08/20/22 15:24	08/25/22 12:51	1
1,4-Difluorobenzene (Surr)	82		70 - 130			08/20/22 15:24	08/25/22 12:51	1

Method: Total BTEX - Total BT	EX Calculation						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399 U	0.00399	mg/Kg			08/25/22 11:56	1
_							

Method: 8015 NM - Diesel Range	e Organics (DRO) (GC	3)					
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	69.2	50.0	mg/Kg			08/17/22 09:07	1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/16/22 09:10	08/16/22 16:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		08/16/22 09:10	08/16/22 16:07	1
Oll Range Organics (Over C28-C36)	69.2		50.0	mg/Kg		08/16/22 09:10	08/16/22 16:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130			08/16/22 09:10	08/16/22 16:07	1
o-Terphenyl	92		70 - 130			08/16/22 09:10	08/16/22 16:07	1

Method: 300.0 - Anions, Ion Cl	hromatography - Solub	le					
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.6	4.97	mg/Kg			08/22/22 11:50	1

Client: Ensolum Job ID: 890-2750-1
Project/Site: Biash B Battery SDG: 03D2057016

Client Sample ID: BH04 Lab Sample ID: 890-2750-7

Date Collected: 08/12/22 12:00 Matrix: Solid
Date Received: 08/12/22 16:52

Sample Depth: 1'

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199	U	0.00199	mg/Kg		08/20/22 15:24	08/25/22 13:11	
Toluene	<0.00199	U	0.00199	mg/Kg		08/20/22 15:24	08/25/22 13:11	
Ethylbenzene	0.00467		0.00199	mg/Kg		08/20/22 15:24	08/25/22 13:11	
m-Xylene & p-Xylene	0.00493		0.00398	mg/Kg		08/20/22 15:24	08/25/22 13:11	
o-Xylene	< 0.00199	U	0.00199	mg/Kg		08/20/22 15:24	08/25/22 13:11	
Xylenes, Total	0.00493		0.00398	mg/Kg		08/20/22 15:24	08/25/22 13:11	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130			08/20/22 15:24	08/25/22 13:11	
1,4-Difluorobenzene (Surr)	87		70 - 130			08/20/22 15:24	08/25/22 13:11	
Method: Total BTEX - Total B	BTEX Calcula	tion						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	0.00960		0.00398	mg/Kg			08/25/22 11:56	
Method: 8015 NM - Diesel R	ange Organic	s (DRO) (G	SC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	4120		250	mg/Kg			08/17/22 09:07	
Method: 8015B NM - Diesel	Range Organ	ics (DRO)	(GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<250	U	250	mg/Kg		08/16/22 09:10	08/16/22 14:39	,
Diesel Range Organics (Over C10-C28)	3300		250	mg/Kg		08/16/22 09:10	08/16/22 14:39	
Oll Range Organics (Over C28-C36)	822		250	mg/Kg		08/16/22 09:10	08/16/22 14:39	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
1-Chlorooctane	88		70 - 130			08/16/22 09:10	08/16/22 14:39	
o-Terphenyl	97		70 - 130			08/16/22 09:10	08/16/22 14:39	
Method: 300.0 - Anions, Ion	Chromatogra	ıphy - Solu	ible					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
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Client Sample ID: BH04

Date Collected: 08/12/22 12:10

Lab Sample ID: 890-2750-8

Matrix: Solid

Date Received: 08/12/22 16:52

Sample Depth: 2'

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		08/20/22 15:24	08/25/22 13:31	1
Toluene	<0.00199	U	0.00199	mg/Kg		08/20/22 15:24	08/25/22 13:31	1
Ethylbenzene	< 0.00199	U	0.00199	mg/Kg		08/20/22 15:24	08/25/22 13:31	1
m-Xylene & p-Xylene	0.00424		0.00398	mg/Kg		08/20/22 15:24	08/25/22 13:31	1
o-Xylene	0.0102		0.00199	mg/Kg		08/20/22 15:24	08/25/22 13:31	1
Xylenes, Total	0.0144		0.00398	mg/Kg		08/20/22 15:24	08/25/22 13:31	1

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Job ID: 890-2750-1

SDG: 03D2057016

Project/Site: Biash B Battery

Da Date Received: 08/12/22 16:52

Sample Depth: 2'

o-Terphenyl

Client: Ensolum

Client Sample ID: BH04	Lab Sample ID: 890-2750-8
Pate Collected: 08/12/22 12:10	Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130	08/20/22 15:24	08/25/22 13:31	1
1,4-Difluorobenzene (Surr)	88		70 - 130	08/20/22 15:24	08/25/22 13:31	1
Mothod: Total RTEV Total	DTEV Coloulo	tion				

Method: Total BTEX - Total BTI	EX Calculation						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0144	0.00398	mg/Kg			08/25/22 11:56	1
_							

Method: 8015 NM - Diesel Range (Organics (I	DRO) (GC)						
Analyte	Result Qu	ıalifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2510		49.9	mg/Kg			08/17/22 09:07	1
Method: 8015B NM - Diesel Range	Organics	(DRO) (GC)			_	_		

Method: 8015B NM - Diesel	Range Organics (DRO) (GC)					
Analyte	Result Qua	lifier RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	140	49.9	mg/Kg		08/16/22 09:10	08/16/22 13:13	1
Diesel Range Organics (Over C10-C28)	2040	49.9	mg/Kg		08/16/22 09:10	08/16/22 13:13	1
Oll Range Organics (Over C28-C36)	333	49.9	mg/Kg		08/16/22 09:10	08/16/22 13:13	1
Surrogate	%Recovery Qua	lifier Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	95	70 - 130			08/16/22 09:10	08/16/22 13:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac			
Chloride	186	5.02	mg/Kg			08/22/22 12:08	1			

70 - 130

101

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08/16/22 09:10 08/16/22 13:13

Surrogate Summary

Client: Ensolum Job ID: 890-2750-1 Project/Site: Biash B Battery SDG: 03D2057016

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

		BFB1	DFBZ1	ent Surrogate Recovery (Acceptance Limits)
l ah Camula ID	Client Semple ID	(70-130)	(70-130)	
Lab Sample ID 890-2750-1	Client Sample ID BH01	92	95	
890-2750-1 MS	BH01	119	99	
890-2750-1 MSD	BH01		90	
890-2750-2	BH01	107	92	
890-2750-3	BH02	115	89	
890-2750-4	BH02	104	74	
890-2750-5	BH03	286 S1+	93	
890-2750-5	BH03	442 S1+	83	
890-2750-6	BH03	110	82	
890-2750-7	BH04	146 S1+	87	
890-2750-8	BH04	146 S1+	88	
LCS 880-32568/1-A	Lab Control Sample	114	118	
LCS 880-32931/1-A	Lab Control Sample	143 S1+	104	
LCSD 880-32568/2-A	Lab Control Sample Dup	130	103	
LCSD 880-32931/2-A	Lab Control Sample Dup	124	103	
MB 880-32568/5-A	Method Blank	101	90	
MB 880-32931/5-A	Method Blank	100	90	
Surrogate Legend				

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

			Percent	Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-18073-A-5-B MS	Matrix Spike	76	71	
880-18073-A-5-C MSD	Matrix Spike Duplicate	76	71	
890-2750-1	BH01	79	79	
890-2750-2	BH01	96	100	
890-2750-3	BH02	88	90	
890-2750-4	BH02	86	87	
890-2750-5	BH03	108	101	
890-2750-6	BH03	89	92	
890-2750-7	BH04	88	97	
890-2750-8	BH04	95	101	
LCS 880-32206/2-A	Lab Control Sample	105	108	
LCSD 880-32206/3-A	Lab Control Sample Dup	97	99	
MB 880-32206/1-A	Method Blank	77	81	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: Ensolum Job ID: 890-2750-1 Project/Site: Biash B Battery SDG: 03D2057016

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-32568/5-A

Matrix: Solid

Analysis Batch: 32832

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32568

	IVIB	MR						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		08/20/22 15:24	08/25/22 10:47	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/20/22 15:24	08/25/22 10:47	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/20/22 15:24	08/25/22 10:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		08/20/22 15:24	08/25/22 10:47	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/20/22 15:24	08/25/22 10:47	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		08/20/22 15:24	08/25/22 10:47	1

MB MB

Surrogate	%Recovery Qu	ualifier Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101	70 - 130	08/20/22 15:24	08/25/22 10:47	1
1,4-Difluorobenzene (Surr)	90	70 - 130	08/20/22 15:24	08/25/22 10:47	1

Lab Sample ID: LCS 880-32568/1-A

Matrix: Solid

Analysis Batch: 32832

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 32568

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.08421		mg/Kg		84	70 - 130	
Toluene	0.100	0.08069		mg/Kg		81	70 - 130	
Ethylbenzene	0.100	0.08760		mg/Kg		88	70 - 130	
m-Xylene & p-Xylene	0.200	0.1782		mg/Kg		89	70 - 130	
o-Xylene	0.100	0.1040		mg/Kg		104	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	118		70 - 130

Lab Sample ID: LCSD 880-32568/2-A

Matrix: Solid

Analysis Batch: 32832

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

Prep Batch: 32568

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.09160		mg/Kg		92	70 - 130	8	35
Toluene	0.100	0.09082		mg/Kg		91	70 - 130	12	35
Ethylbenzene	0.100	0.1003		mg/Kg		100	70 - 130	13	35
m-Xylene & p-Xylene	0.200	0.2090		mg/Kg		105	70 - 130	16	35
o-Xylene	0.100	0.1219		mg/Kg		122	70 - 130	16	35

LCSD LCSD

Surrogate	%Recovery C	Qualifier	Limits
4-Bromofluorobenzene (Surr)	130		70 - 130
1.4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 890-2750-1 MS

Matrix: Solid

Analysis Batch: 32832

Client Sample ID: BH01 Prep Type: Total/NA

Prep Batch: 32568

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00201	U F1 F2	0.0998	0.05443	F1	mg/Kg		55	70 - 130	
Toluene	<0.00201	U F1 F2	0.0998	0.05913	F1	mg/Kg		59	70 - 130	

QC Sample Results

Client: Ensolum Job ID: 890-2750-1 Project/Site: Biash B Battery SDG: 03D2057016

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

Lab Sample ID: 890-2750-1 MS

Matrix: Solid

Analysis Batch: 32832

Client Sample ID: BH01 Prep Type: Total/NA

Prep Batch: 32568

MS MS %Rec Sample Sample Spike Result Qualifier Added Result Qualifier Unit %Rec Limits Ethylbenzene <0.00201 U F1 F2 0.0998 0.06688 F1 mg/Kg 67 70 - 130 m-Xylene & p-Xylene <0.00402 U F1 F2 0.200 0.1288 F1 mg/Kg 65 70 - 130 <0.00201 U F1 F2 0.0998 0.07445 75 o-Xylene mg/Kg 70 - 130

MS MS

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 119 70 - 130 1,4-Difluorobenzene (Surr) 99 70 - 130

Lab Sample ID: 890-2750-1 MSD

Matrix: Solid

Analysis Batch: 32832

Client Sample ID: BH01 Prep Type: Total/NA

Prep Batch: 32568

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00201	U F1 F2	0.0994	0.01901	F1 F2	mg/Kg		19	70 - 130	96	35
Toluene	<0.00201	U F1 F2	0.0994	0.02694	F1 F2	mg/Kg		27	70 - 130	75	35
Ethylbenzene	<0.00201	U F1 F2	0.0994	0.02636	F1 F2	mg/Kg		27	70 - 130	87	35
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.199	0.04893	F1 F2	mg/Kg		25	70 - 130	90	35
o-Xylene	<0.00201	U F1 F2	0.0994	0.03111	F1 F2	mg/Kg		31	70 - 130	82	35

MSD MSD

MB MB

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: MB 880-32931/5-A **Matrix: Solid**

Analysis Batch: 32832

Client Sample ID: Method Blank Prep Type: Total/NA Prep Batch: 32931

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		08/25/22 10:30	08/25/22 21:13	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/25/22 10:30	08/25/22 21:13	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/25/22 10:30	08/25/22 21:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		08/25/22 10:30	08/25/22 21:13	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/25/22 10:30	08/25/22 21:13	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		08/25/22 10:30	08/25/22 21:13	1

MB MB Surrogate Qualifier Limits Prepared Analyzed Dil Fac %Recovery 4-Bromofluorobenzene (Surr) 70 - 130 08/25/22 10:30 08/25/22 21:13 100 1,4-Difluorobenzene (Surr) 90 70 - 130 08/25/22 10:30 08/25/22 21:13

Lab Sample ID: LCS 880-32931/1-A

Matrix: Solid

Analysis Batch: 32832

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

Prep Batch: 32931

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09705		mg/Kg		97	70 - 130	
Toluene	0.100	0.09974		mg/Kg		100	70 - 130	
Ethylbenzene	0.100	0.1147		mg/Kg		115	70 - 130	
m-Xylene & p-Xylene	0.200	0.2467		mg/Kg		123	70 - 130	

Client: Ensolum

Project/Site: Biash B Battery

Job ID: 890-2750-1

SDG: 03D2057016

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

Lab Sample ID: LCS 880-32931/1-A **Client Sample ID: Lab Control Sample Matrix: Solid**

Analysis Batch: 32832

Prep Type: Total/NA Prep Batch: 32931

LCS LCS Spike Analyte Added Result Qualifier Unit %Rec 0 100 o-Xylene 0 1435 *+ mg/Kg 144 70 - 130

%Rec Limits

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-32931/2-A **Client Sample ID: Lab Control Sample Dup**

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 32832

Prep Batch: 32931

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.08940		mg/Kg		89	70 - 130	8	35
Toluene	0.100	0.08823		mg/Kg		88	70 - 130	12	35
Ethylbenzene	0.100	0.09537		mg/Kg		95	70 - 130	18	35
m-Xylene & p-Xylene	0.200	0.2029		mg/Kg		101	70 - 130	19	35
o-Xylene	0.100	0.1172		mg/Kg		117	70 - 130	20	35

LCSD LCSD Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 124 70 - 130 1,4-Difluorobenzene (Surr) 103 70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-32206/1-A **Client Sample ID: Method Blank Matrix: Solid**

Analysis Batch: 32197

MB MB

Prep Type: Total/NA Prep Batch: 32206

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	mg/Kg		08/16/22 09:10	08/16/22 10:20	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<50.0	U	50.0	mg/Kg		08/16/22 09:10	08/16/22 10:20	1
C10-C28)								
OII Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/16/22 09:10	08/16/22 10:20	1
	МВ	МВ						

Limits Dil Fac Surrogate %Recovery Qualifier Prepared Analyzed 70 - 130 08/16/22 09:10 08/16/22 10:20 1-Chlorooctane 77 81 08/16/22 09:10 08/16/22 10:20 o-Terphenyl 70 - 130

Lab Sample ID: LCS 880-32206/2-A

Matrix: Solid

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

Analysis Batch: 32197

Prep Batch: 32206

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	1011		mg/Kg		101	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	923.3		mg/Kg		92	70 - 130	

Client: Ensolum Project/Site: Biash B Battery

Job ID: 890-2750-1 SDG: 03D2057016

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-32206/2-A **Matrix: Solid**

Analysis Batch: 32197

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32206

LCS LCS %Recovery Qualifier Limits Surrogate 1-Chlorooctane 105 70 - 130 o-Terphenyl 108 70 - 130

Lab Sample ID: LCSD 880-32206/3-A

Lab Sample ID: 880-18073-A-5-B MS

Matrix: Solid

Analysis Batch: 32197

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32206

LCSD LCSD %Rec **RPD** Spike Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Gasoline Range Organics 1000 908.1 mg/Kg 91 70 - 130 11 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 858.8 mg/Kg 86 70 - 130 7 20 C10-C28)

LCSD LCSD

Surrogate %Recovery Qualifier Limits 1-Chlorooctane 97 70 - 130 70 - 130 o-Terphenyl 99

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 32206

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Limits **Analyte** Unit D %Rec Ū Gasoline Range Organics <49.9 999 755.4 mg/Kg 76 70 - 130 (GRO)-C6-C10 999 Diesel Range Organics (Over <49.9 UF1 640.0 F1 mg/Kg 64 70 - 130

C10-C28)

Matrix: Solid

Analysis Batch: 32197

MS MS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 70 - 130 76 o-Terphenyl 71 70 - 130

Lab Sample ID: 880-18073-A-5-C MSD

Matrix: Solid

Analysis Batch: 32197

Client Sample ID: Matrix Spike Duplicate Prep Type: Total/NA Prep Batch: 32206

> %Rec **RPD** RPD Limits Limit

Result Qualifier Added Result Qualifier **Analyte** Unit %Rec Gasoline Range Organics <49.9 U 998 776.0 78 70 - 130 20 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <49.9 UF1 998 635.8 F1 mg/Kg 64 70 - 130 20

MSD MSD

Spike

C10-C28)

MSD MSD

Sample Sample

%Recovery Qualifier Limits Surrogate 1-Chlorooctane 76 70 - 130 71 o-Terphenyl 70 - 130

Dil Fac

Client: Ensolum Job ID: 890-2750-1 Project/Site: Biash B Battery

SDG: 03D2057016

RPD

Limit

20

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

RPD

Prep Type: Soluble

Analyzed

08/22/22 08:37

Client Sample ID: Lab Control Sample

%Rec

Limits

90 - 110

%Rec

Limits

%Rec

Method: 300.0 - Anions, Ion Chromatography Client Sample ID: Method Blank

Unit

mg/Kg

Lab Sample ID: MB 880-32319/1-A

Matrix: Solid

Analysis Batch: 32664

MB MB Analyte

Lab Sample ID: LCS 880-32319/2-A **Matrix: Solid**

Analysis Batch: 32664

Analyte

Lab Sample ID: LCSD 880-32319/3-A **Matrix: Solid**

Chloride

Chloride

Analysis Batch: 32664

Analyte

Chloride Lab Sample ID: 890-2750-1 MS

Matrix: Solid

Analysis Batch: 32664

Analyte Result Qualifier Chloride

Lab Sample ID: 890-2750-1 MSD **Matrix: Solid**

Analysis Batch: 32664

Sample Sample Analyte Result Qualifier Chloride 13.9 F1

Sample Sample

13.9 F1

Result Qualifier RL <5.00 U

5.00

Spike

Added

250

Spike

Added

Spike

Added

Spike

Added

249

249

250

LCS LCS

LCSD LCSD

MS MS

MSD MSD

7.263 F1

Result Qualifier

7.034 F1

Result Qualifier

230.4

Result Qualifier

Result Qualifier 227.8

Unit

mg/Kg Client Sample ID: Lab Control Sample Dup

Unit

Unit

Unit

mg/Kg

mg/Kg

mg/Kg

D

D

Prepared

D %Rec

91

%Rec 92

Client Sample ID: BH01

%Rec

Limits 90 - 110

Client Sample ID: BH01 Prep Type: Soluble

RPD %Rec %Rec Limits RPD Limit

-3 3 90 - 110

QC Association Summary

Client: Ensolum Job ID: 890-2750-1 Project/Site: Biash B Battery SDG: 03D2057016

GC VOA

Prep Batch: 32568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2750-1	BH01	Total/NA	Solid	5035	
890-2750-2	BH01	Total/NA	Solid	5035	
890-2750-3	BH02	Total/NA	Solid	5035	
890-2750-4	BH02	Total/NA	Solid	5035	
890-2750-5	BH03	Total/NA	Solid	5035	
890-2750-6	BH03	Total/NA	Solid	5035	
890-2750-7	BH04	Total/NA	Solid	5035	
890-2750-8	BH04	Total/NA	Solid	5035	
MB 880-32568/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-32568/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-32568/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2750-1 MS	BH01	Total/NA	Solid	5035	
890-2750-1 MSD	BH01	Total/NA	Solid	5035	

Analysis Batch: 32832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2750-1	BH01	Total/NA	Solid	8021B	32568
890-2750-2	BH01	Total/NA	Solid	8021B	32568
890-2750-3	BH02	Total/NA	Solid	8021B	32568
890-2750-4	BH02	Total/NA	Solid	8021B	32568
890-2750-5	BH03	Total/NA	Solid	8021B	32568
890-2750-5	BH03	Total/NA	Solid	8021B	32931
890-2750-6	BH03	Total/NA	Solid	8021B	32568
890-2750-7	BH04	Total/NA	Solid	8021B	32568
890-2750-8	BH04	Total/NA	Solid	8021B	32568
MB 880-32568/5-A	Method Blank	Total/NA	Solid	8021B	32568
MB 880-32931/5-A	Method Blank	Total/NA	Solid	8021B	32931
LCS 880-32568/1-A	Lab Control Sample	Total/NA	Solid	8021B	32568
LCS 880-32931/1-A	Lab Control Sample	Total/NA	Solid	8021B	32931
LCSD 880-32568/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	32568
LCSD 880-32931/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	32931
890-2750-1 MS	BH01	Total/NA	Solid	8021B	32568
890-2750-1 MSD	BH01	Total/NA	Solid	8021B	32568

Prep Batch: 32931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep Batch
890-2750-5	BH03	Total/NA	Solid	5035
MB 880-32931/5-A	Method Blank	Total/NA	Solid	5035
LCS 880-32931/1-A	Lab Control Sample	Total/NA	Solid	5035
LCSD 880-32931/2-A	Lab Control Sample Dup	Total/NA	Solid	5035

Analysis Batch: 32940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2750-1	BH01	Total/NA	Solid	Total BTEX	
890-2750-2	BH01	Total/NA	Solid	Total BTEX	
890-2750-3	BH02	Total/NA	Solid	Total BTEX	
890-2750-4	BH02	Total/NA	Solid	Total BTEX	
890-2750-5	BH03	Total/NA	Solid	Total BTEX	
890-2750-6	BH03	Total/NA	Solid	Total BTEX	
890-2750-7	BH04	Total/NA	Solid	Total BTEX	
890-2750-8	BH04	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Ensolum Job ID: 890-2750-1 Project/Site: Biash B Battery SDG: 03D2057016

GC Semi VOA

Analysis Batch: 32197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2750-1	BH01	Total/NA	Solid	8015B NM	32206
890-2750-2	BH01	Total/NA	Solid	8015B NM	32206
890-2750-3	BH02	Total/NA	Solid	8015B NM	32206
890-2750-4	BH02	Total/NA	Solid	8015B NM	32206
890-2750-5	BH03	Total/NA	Solid	8015B NM	32206
890-2750-6	BH03	Total/NA	Solid	8015B NM	32206
890-2750-7	BH04	Total/NA	Solid	8015B NM	32206
890-2750-8	BH04	Total/NA	Solid	8015B NM	32206
MB 880-32206/1-A	Method Blank	Total/NA	Solid	8015B NM	32206
LCS 880-32206/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32206
LCSD 880-32206/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32206
880-18073-A-5-B MS	Matrix Spike	Total/NA	Solid	8015B NM	32206
880-18073-A-5-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	32206

Prep Batch: 32206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2750-1	BH01	Total/NA	Solid	8015NM Prep	
890-2750-2	BH01	Total/NA	Solid	8015NM Prep	
890-2750-3	BH02	Total/NA	Solid	8015NM Prep	
890-2750-4	BH02	Total/NA	Solid	8015NM Prep	
890-2750-5	BH03	Total/NA	Solid	8015NM Prep	
890-2750-6	BH03	Total/NA	Solid	8015NM Prep	
890-2750-7	BH04	Total/NA	Solid	8015NM Prep	
890-2750-8	BH04	Total/NA	Solid	8015NM Prep	
MB 880-32206/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-32206/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-32206/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18073-A-5-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-18073-A-5-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 32314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2750-1	BH01	Total/NA	Solid	8015 NM	
890-2750-2	BH01	Total/NA	Solid	8015 NM	
890-2750-3	BH02	Total/NA	Solid	8015 NM	
890-2750-4	BH02	Total/NA	Solid	8015 NM	
890-2750-5	BH03	Total/NA	Solid	8015 NM	
890-2750-6	BH03	Total/NA	Solid	8015 NM	
890-2750-7	BH04	Total/NA	Solid	8015 NM	
890-2750-8	BH04	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 32319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2750-1	BH01	Soluble	Solid	DI Leach	<u> </u>
890-2750-2	BH01	Soluble	Solid	DI Leach	
890-2750-3	BH02	Soluble	Solid	DI Leach	
890-2750-4	BH02	Soluble	Solid	DI Leach	
890-2750-5	BH03	Soluble	Solid	DI Leach	
890-2750-6	BH03	Soluble	Solid	DI Leach	

QC Association Summary

Client: Ensolum Job ID: 890-2750-1 Project/Site: Biash B Battery SDG: 03D2057016

HPLC/IC (Continued)

Leach Batch: 32319 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2750-7	BH04	Soluble	Solid	DI Leach	
890-2750-8	BH04	Soluble	Solid	DI Leach	
MB 880-32319/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-32319/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-32319/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2750-1 MS	BH01	Soluble	Solid	DI Leach	
890-2750-1 MSD	BH01	Soluble	Solid	DI Leach	

Analysis Batch: 32664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2750-1	BH01	Soluble	Solid	300.0	32319
890-2750-2	BH01	Soluble	Solid	300.0	32319
890-2750-3	BH02	Soluble	Solid	300.0	32319
890-2750-4	BH02	Soluble	Solid	300.0	32319
890-2750-5	BH03	Soluble	Solid	300.0	32319
890-2750-6	BH03	Soluble	Solid	300.0	32319
890-2750-7	BH04	Soluble	Solid	300.0	32319
890-2750-8	BH04	Soluble	Solid	300.0	32319
MB 880-32319/1-A	Method Blank	Soluble	Solid	300.0	32319
LCS 880-32319/2-A	Lab Control Sample	Soluble	Solid	300.0	32319
LCSD 880-32319/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	32319
890-2750-1 MS	BH01	Soluble	Solid	300.0	32319
890-2750-1 MSD	BH01	Soluble	Solid	300.0	32319

Job ID: 890-2750-1

Lab Sample ID: 890-2750-1

Matrix: Solid

Matrix: Solid

Matrix: Solid

SDG: 03D2057016

Lab Sample ID: 890-2750-2

Lab Sample ID: 890-2750-3

Lab Sample ID: 890-2750-4

Client Sample ID: BH01

Project/Site: Biash B Battery

Client: Ensolum

Date Collected: 08/12/22 11:00 Date Received: 08/12/22 16:52

Batch Batch Dil Initial Final Batch Prepared Method **Prep Type** Type Run **Factor Amount** Amount Number or Analyzed **Analyst** Lab 5035 32568 Total/NA Prep 4.98 g 5 mL 08/20/22 15:24 MNR **EET MID** Total/NA 8021B 32832 MNR Analysis 1 5 mL 5 mL 08/25/22 11:08 **EET MID** Total/NA Analysis Total BTEX 32940 08/25/22 11:56 SM **EET MID** Total/NA 8015 NM 1 32314 08/17/22 09:07 SM **EET MID** Analysis Total/NA 8015NM Prep 10.04 g 10 mL 32206 08/16/22 09:10 DM **EET MID** Prep Total/NA Analysis 8015B NM 1 32197 08/16/22 15:01 SM **EET MID** Soluble Leach DI Leach 5.03 g 50 mL 32319 08/17/22 09:18 CH **EET MID** 300.0 32664 08/22/22 10:27 CH **EET MID** Soluble Analysis 1

Client Sample ID: BH01 Date Collected: 08/12/22 11:10

Date Received: 08/12/22 16:52

Batch Batch Dil Initial Final Batch **Prepared** Method **Prep Type** Type Run **Factor Amount** Amount Number or Analyzed Analyst Lab 5035 32568 Total/NA Prep 5.01 g 5 mL 08/20/22 15:24 MNR **EET MID** Total/NA 8021B 5 mL 32832 08/25/22 11:29 **EET MID** 5 mL MNR Analysis 1 Total/NA Analysis Total BTEX 32940 08/25/22 11:56 SM **EET MID** 1 Total/NA Analysis 8015 NM 1 32314 08/17/22 09:07 SM **EET MID** Total/NA 8015NM Prep 10.00 g 32206 08/16/22 09:10 DM **EET MID** Prep 10 ml 8015B NM Total/NA Analysis 1 32197 08/16/22 15:23 SM **EET MID** Soluble 5.05 g 32319 50 mL 08/17/22 09:18 CH **EET MID** Leach DI Leach Soluble Analysis 300.0 1 32664 08/22/22 10:54 CH **EET MID**

Client Sample ID: BH02

Date Collected: 08/12/22 11:20 Date Received: 08/12/22 16:52

Dil Initial Batch Batch Final **Batch** Prepared **Prep Type** Type Method Run **Factor** Amount Amount Number or Analyzed Analyst Lab Total/NA Prep 5035 5.02 g 5 mL 32568 08/20/22 15:24 MNR **EET MID** 8021B Total/NA Analysis 1 5 mL 5 mL 32832 08/25/22 11:49 MNR **EET MID** Total/NA Analysis Total BTEX 1 32940 08/25/22 11:56 SM **EET MID** Total/NA Analysis 8015 NM 32314 08/17/22 09:07 SM **EET MID** Total/NA 8015NM Prep 32206 08/16/22 09:10 DM **EET MID** Prep 10.01 g 10 mL Total/NA Analysis 8015B NM 32197 08/16/22 13:34 SM **EET MID** 32319 Soluble Leach DI Leach 4.95 g 50 mL 08/17/22 09:18 CH **EET MID** Soluble Analysis 300.0 1 32664 08/22/22 11:03 CH **EET MID**

Client Sample ID: BH02

Date Collected: 08/12/22 11:30 Date Received: 08/12/22 16:52

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	32568	08/20/22 15:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32832	08/25/22 12:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			32940	08/25/22 11:56	SM	EET MID

Eurofins Carlsbad

Matrix: Solid

Client: Ensolum Project/Site: Biash B Battery

SDG: 03D2057016

Lab Sample ID: 890-2750-4

Matrix: Solid

Job ID: 890-2750-1

Client Sample ID: BH02 Date Collected: 08/12/22 11:30 Date Received: 08/12/22 16:52

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			32314	08/17/22 09:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32206	08/16/22 09:10	DM	EET MID
Total/NA	Analysis	8015B NM		1			32197	08/16/22 13:56	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	32319	08/17/22 09:18	CH	EET MID
Soluble	Analysis	300.0		1			32664	08/22/22 11:13	СН	EET MID

Client Sample ID: BH03 Lab Sample ID: 890-2750-5 Date Collected: 08/12/22 11:40 **Matrix: Solid**

Date Received: 08/12/22 16:52

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	32568	08/20/22 15:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32832	08/25/22 12:30	MNR	EET MID
Total/NA	Prep	5035			4.99 g	5 mL	32931	08/25/22 13:50	MNR	EET MID
Total/NA	Analysis	8021B		25	5 mL	5 mL	32832	08/26/22 00:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			32940	08/25/22 11:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			32314	08/17/22 09:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32206	08/16/22 09:10	DM	EET MID
Total/NA	Analysis	8015B NM		5			32197	08/16/22 14:18	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32319	08/17/22 09:18	CH	EET MID
Soluble	Analysis	300.0		1			32664	08/22/22 11:22	CH	EET MID

Client Sample ID: BH03 Lab Sample ID: 890-2750-6 Date Collected: 08/12/22 11:50 **Matrix: Solid**

Date Received: 08/12/22 16:52

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	32568	08/20/22 15:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32832	08/25/22 12:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			32940	08/25/22 11:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			32314	08/17/22 09:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32206	08/16/22 09:10	DM	EET MID
Total/NA	Analysis	8015B NM		1			32197	08/16/22 16:07	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32319	08/17/22 09:18	CH	EET MID
Soluble	Analysis	300.0		1			32664	08/22/22 11:50	CH	EET MID

Lab Sample ID: 890-2750-7 **Client Sample ID: BH04** Date Collected: 08/12/22 12:00 **Matrix: Solid**

Date Received: 08/12/22 16:52

Γ	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	32568	08/20/22 15:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32832	08/25/22 13:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			32940	08/25/22 11:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			32314	08/17/22 09:07	SM	EET MID

Lab Chronicle

Client: Ensolum Job ID: 890-2750-1 Project/Site: Biash B Battery SDG: 03D2057016

Client Sample ID: BH04

Date Received: 08/12/22 16:52

Lab Sample ID: 890-2750-7 Date Collected: 08/12/22 12:00 **Matrix: Solid**

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32206	08/16/22 09:10	DM	EET MID
Total/NA	Analysis	8015B NM		5			32197	08/16/22 14:39	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32319	08/17/22 09:18	CH	EET MID
Soluble	Analysis	300.0		1			32664	08/22/22 11:59	CH	EET MID

Lab Sample ID: 890-2750-8 **Client Sample ID: BH04** Date Collected: 08/12/22 12:10 **Matrix: Solid**

Date Received: 08/12/22 16:52

Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
		5.03 g	5 mL	32568	08/20/22 15:24	MNR	EET MID
	1	5 mL	5 mL	32832	08/25/22 13:31	MNR	EET MID
	1			32940	08/25/22 11:56	SM	EET MID
	1			32314	08/17/22 09:07	SM	EET MID

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	32568	08/20/22 15:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32832	08/25/22 13:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			32940	08/25/22 11:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			32314	08/17/22 09:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32206	08/16/22 09:10	DM	EET MID
Total/NA	Analysis	8015B NM		1			32197	08/16/22 13:13	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	32319	08/17/22 09:18	CH	EET MID
Soluble	Analysis	300.0		1			32664	08/22/22 12:08	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Ensolum Job ID: 890-2750-1
Project/Site: Biash B Battery SDG: 03D2057016

Laboratory: Eurofins Midland

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

Authority Texas		ogram	Identification Number	Expiration Date
		ELAP	T104704400-22-24	06-30-23
The following analyte	s are included in this rend	ort but the laboratory is r	not certified by the governing authority.	This list may include analytes for y
the agency does not	•	ore, but the laboratory is i	iot certified by the governing authority.	This list may include analytes for v
,	•	Matrix	Analyte	This list may include analytes for v
the agency does not	offer certification.	•		This list may include analytes for v

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Method Summary

Client: Ensolum

Project/Site: Biash B Battery

Job ID: 890-2750-1

SDG: 03D2057016

Method	Method Description	Protocol	Laboratory
3021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
3015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
3015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
3015NM Prep	Microextraction	SW846	EET MID
Ol Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Ensolum

Project/Site: Biash B Battery

Job ID: 890-2750-1

SDG: 03D2057016

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2750-1	BH01	Solid	08/12/22 11:00	08/12/22 16:52	1'
890-2750-2	BH01	Solid	08/12/22 11:10	08/12/22 16:52	3'
890-2750-3	BH02	Solid	08/12/22 11:20	08/12/22 16:52	1
890-2750-4	BH02	Solid	08/12/22 11:30	08/12/22 16:52	2'
890-2750-5	BH03	Solid	08/12/22 11:40	08/12/22 16:52	2'
890-2750-6	BH03	Solid	08/12/22 11:50	08/12/22 16:52	3'
890-2750-7	BH04	Solid	08/12/22 12:00	08/12/22 16:52	1'
890-2750-8	BH04	Solid	08/12/22 12:10	08/12/22 16:52	2'

eurofins **Environment Testing**

Phone:

817-683-2503 Carlsbad, NM 88220 3122 National Parks HWY

Email: |kjennings@ensolum.com.jadams@ensolum.com

Address:

Company Name: Bill to: (if different)

Ensolum

Kalei Jennings

City, State ZIP:

Carlsbad, NM 88220

3122 National Parks HWY

City, State ZIP:

Address:

Company Name: Project Manager:

> Kalei Jennings Ensolum

Project Name:

Biash B Battery 03D2057016

Routine Due Date:

✓ Rush

None: NO

DI Water: H₂O MeOH: Me

Turn Around

Project Number:

Chain of Custody

Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296 Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300

) 509-3334	Work Order No:	
794-1296		
988-3199		-
	www.xenco.com	Page of
	Work Order Comments	omments
	Program: UST/PST ☐ PRP☐ Brownfields ☐ RRC ☐ Superfund ☐	fields 🗌 RRC 🗎 Superfund 🔲
	State of Project:	
	Reporting: Level II Level III PST/UST TRRP Level IV	/UST TRRP Level IV
	Deliverables: EDD 🔲 ADaPT 🗆	Other:
ANALYSIS REQUEST	QUEST	Preservative Codes

Cook Cook Cook Name Cook				6			L	i e				5
Cool: Cool Cool: Cool Cool: Cool Cool: Cool Cool: Cool Cool: Cool Cool: Cool Cool: Cool Cool: Cool Cool: Cool: Cool Cool:				-		ē	Q		-	IN U		s (Some
Lea County, NM	Date/Time	Received by: (Signature)	Relinquished by: (Signature)		e/Time	Date		ture)	d by: (Signa	Receive	nature) /	Relinquished by: (Sign
Cool: Cool		circumstances beyond the control nforced unless previously negotiated.	urred by the client if such losses are due to noo, but not analyzed. These terms will be e	penses inc urofins Xe	ses or ex nitted to E	or any los	onsibility f	purchase ord ume any resp charge of \$5 f	nd shall not ass	of samples con applied to each	nt and relinquishment e llable only for the co: harge of \$85.00 will be	otice: Signature of this docume f service. Eurofins Xenco will b f Eurofins Xenco. A minimum c
Lea County, NM	0.7 / (4/0 / /4/1	Ag II U Hg: 1631 / 245.	Cr Co Cu Pb Mn Mo Ni Se	Be Cd	As Ba	A Sb	8RCR	PLP 6010	TCLP/S	zed	tal(s) to be analy	Sircle Method(s) and Me
Lea County, NM	r TI Sn U V Zn	n Mo Ni K Se Ag SiO ₂ Na Sr	d Ca Cr Co Cu Fe Pb Mg Mr	вевс	s Ba		as 11 A	PM Tex	RCRA 13F	8	200.8 / 6020:	Total 200.7 / 6010
Lea County, NM						-	-			R		
Calibert Morero									1	The		
Lea County, NM Die Date 5 Day TAT				×	×	Н			12:10	842.22	S	BH04
Lea County, NM				×	×	\vdash			12:00	8.12.22	S	BH04
Lea County, NM Due Date: 5 Day TAT Gilbert Moreno TAT starts the day received by 4 30pm rs				×	×	×	Grab/ 1			8.12.22	S	BH03
Cool: Cool C				×	×	\vdash	T		11:40	8.12.22	S	вноз
Lea County, NM Due Date 5 Day TAT	NAPP2211143447			×	×	×	Grab/ 1			8.12.22	S	вн02
Lea County, NM Due Date: 5 Day TAT Gilbert Moreno TAT starts the day received by the lab. if received by 4:30pm the lab.	Incident Numbers			×	×	×	3rab/ 1			8.12.22	S	BH02
Lea County, NM Due Date: 5 Day TAT Gilbert Moreno TAT starts the day received by 4:30pm the lab, if received by 4:30pm the				×	×	\vdash			11:10	8.12.22	S	BH01
Lea County, NM Due Date: 5 Day TAT Gilbert Moreno TAT starts the day received by the lab. if received by the lab. if received by the lab. if received by 4:30pm the lab. if received by 4				×	×	×	Grab/ 1			8.12.22	S	BH01
Lea County, NM Due Date: 5 Day TAT Gilbert Moreno TAT starts the day received by the lab, if received by 4:30pm the lab, if	Sample Comments			втех	TPH (8		Grab/ # Co		Time Sampled	Date Sampled		Sample Identificati
Lea County, NM Due Date: 5 Day TAT Gilbert Moreno TAT starts the day received by the lab. if received by 4:30pm the lab. if	OH+Ascorbic Acid: SAPC	- Nac		(802	3015)	RIDE		2		Corrected T		Total Containers:
Lea County, NM Due Date: 5 Day TAT Gilbert Moreno TAT starts the day received by the lab, if received by 4:30pm the lab, if	Acetate+NaOH: Zn			t		S (E		10		Temperatur	S	Sample Custody Seals:
Lea County, NM Due Date: 5 Day TAT Gilbert Moreno TAT starts the day received by the lab. if received by 4:30pm TEIPT Temp Blank: Yes No Wet Ice: Yes No Thermometer ID: 1 N/V CCC area 330	25203: Naso3		890-2750 Chain of Cust				L	30	actor:	Correction F	8	Cooler Custody Seals:
Lea County, NM Due Date: 5 Day TAT Gilbert Moreno TAT starts the day received by the lab, if received by 4:30pm the lab, if	HSO ₄ : NABIS	ZZ					(I)	James James	er ID:	Thermomet	\sim	Samples Received Intact:
Lea County, NM Due Date: 5 Day TAT Gilbert Moreno TAT starts the day received by 4:30pm the lab. if received by 4:30pm the lab. If received by 4:30pm the	00. HP	НзР					<u> </u>	Yes) I	Wet Ice:	Yes	Temp Blank:	SAMPLE RECEIPT
Lea County, NM Due Date: 5 Day TAT Gilbert Moreno TAT starts the day received by Cool: Cool HCL: HC		H ₂ S0				,13	_	eived by 4:3	the lab, if rec			CC #:
Lea County, NM Due Date: 5 Day TAT Cool: Cool		HCL	-				ed by	e day receive	TAT starts the	ō	Gilbert Morer	Sampler's Name:
	9	Coo					AT	5 Day T	Due Date:	3	Lea County, N	Project Location:

Login Sample Receipt Checklist

Client: Ensolum Job Number: 890-2750-1 SDG Number: 03D2057016

Login Number: 2750 **List Source: Eurofins Carlsbad**

List Number: 1 Creator: Clifton, Cloe

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 <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-2750-1

SDG Number: 03D2057016

List Source: Eurofins Midland
List Number: 2
List Creation: 08/16/22 10:42 AM

Creator: Rodriguez, Leticia

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

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<6mm (1/4").



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ANALYTICAL REPORT

Eurofins Carlsbad 1089 N Canal St. Carlsbad, NM 88220 Tel: (575)988-3199

Laboratory Job ID: 890-2816-1

Laboratory Sample Delivery Group: 03D2057016

Client Project/Site: Biash B Battery

For:

eurofins

Ensolum 705 W. Wadley Suite 210 Midland, Texas 79701

Attn: Kalei Jennings



Authorized for release by: 9/6/2022 8:38:21 AM

Jessica Kramer, Project Manager (432)704-5440

Jessica.Kramer@et.eurofinsus.com

.....Links

Review your project results through

Received by OCD: 10/5/2022 2:24:51 PM

Have a Question?



Visit us at:

www.eurofinsus.com/Env
Released to Imaging: 10/13/2022 12:38:49 PM

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Client: Ensolum
Project/Site: Biash B Battery

Laboratory Job ID: 890-2816-1
SDG: 03D2057016

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Definitions/Glossary

Client: Ensolum Job ID: 890-2816-1 Project/Site: Biash B Battery SDG: 03D2057016

Qualifiers

GC '	VOA
Ouali	fior

Quanner	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Qualifier Description

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

MDA

Glossaly	
Abbreviation	These commonly used abbreviations may or may not be present in this report.
n	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"

MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQI	Method Quantitation Limit

NC	Not Coloulated

ND	Not Detected at the reporting limit (or MDL or EDL if shown)
ND	Not betected at the reporting infinit (or MDE or EDE if Showin)

Minimum Detectable Activity (Radiochemistry)

NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit

DDEO	
PRES	Presumptive
$\cap \cap$	Quality Control

KEK	Relative Error Ratio (Radiocnemistry)

RL	Reporting Limit or Requested Limit (Radiochemistry)
----	---

RPD	Relative Percent Difference, a measure of the relative difference between two points
TEE	Toxicity Equivalent Factor (Dioxin)

TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Case Narrative

Client: Ensolum

Project/Site: Biash B Battery

Job ID: 890-2816-1 SDG: 03D2057016

Job ID: 890-2816-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-2816-1

Receipt

The samples were received on 8/23/2022 4:32 PM. 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 5.2°C

GC VOA

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: FS07 (890-2816-7). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: FS04 (890-2816-4). Evidence of matrix interferences is not obvious.

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.

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Matrix: Solid

Client: Ensolum Job ID: 890-2816-1
Project/Site: Biash B Battery SDG: 03D2057016

Client Sample ID: FS01 Lab Sample ID: 890-2816-1

Date Collected: 08/22/22 11:00
Date Received: 08/23/22 16:32

Sample Depth: 2

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00201	U	0.00201	mg/Kg		09/01/22 09:48	09/04/22 10:59	
Toluene	<0.00201	U	0.00201	mg/Kg		09/01/22 09:48	09/04/22 10:59	
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		09/01/22 09:48	09/04/22 10:59	
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		09/01/22 09:48	09/04/22 10:59	
o-Xylene	<0.00201	U	0.00201	mg/Kg		09/01/22 09:48	09/04/22 10:59	
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		09/01/22 09:48	09/04/22 10:59	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil F
4-Bromofluorobenzene (Surr)	86		70 - 130			09/01/22 09:48	09/04/22 10:59	
1,4-Difluorobenzene (Surr)	106		70 - 130			09/01/22 09:48	09/04/22 10:59	
· Method: Total BTEX - Total BTEX	(Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil F
Total BTEX	<0.00402	U	0.00402	mg/Kg			09/04/22 20:06	-
Total TPH	67.3		49.8	mg/Kg			08/29/22 10:06	
			43.0	mg/rtg			00/20/22 10.00	
Method: 8015B NM - Diesel Rang	•				_			
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil F
Gasoline Range Organics	<49.8	U	49.8	mg/Kg		08/25/22 16:27	08/27/22 05:22	
(GRO)-C6-C10								
Diesel Range Organics (Over	67.3		49.8	ma/Ka		08/25/22 16:27	08/27/22 05:22	
• • •	67.3		49.8	mg/Kg		08/25/22 16:27	08/27/22 05:22	
C10-C28)	67.3 <49.8	U	49.8 49.8	mg/Kg mg/Kg		08/25/22 16:27 08/25/22 16:27	08/27/22 05:22 08/27/22 05:22	
C10-C28) Oll Range Organics (Over C28-C36)								Dil F
C10-C28) Oll Range Organics (Over C28-C36) Surrogate	<49.8		49.8			08/25/22 16:27	08/27/22 05:22	Dil F
C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<49.8 %Recovery		49.8			08/25/22 16:27 Prepared	08/27/22 05:22 Analyzed	_ Dil I
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Method: 300.0 - Anions, Ion Chro	<49.8 **Recovery 78 74	Qualifier	49.8 Limits 70 - 130			08/25/22 16:27 Prepared 08/25/22 16:27	08/27/22 05:22 Analyzed 08/27/22 05:22	Dil F
C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<49.8 **Recovery 78 74 omatography -	Qualifier	49.8 Limits 70 - 130		D	08/25/22 16:27 Prepared 08/25/22 16:27	08/27/22 05:22 Analyzed 08/27/22 05:22	Dil F

Client Sample ID: FS02 Lab Sample ID: 890-2816-2

Date Collected: 08/22/22 11:10 Date Received: 08/23/22 16:32

Sample Depth: 2

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		09/01/22 09:48	09/04/22 11:19	1
Toluene	<0.00199	U	0.00199	mg/Kg		09/01/22 09:48	09/04/22 11:19	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		09/01/22 09:48	09/04/22 11:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		09/01/22 09:48	09/04/22 11:19	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		09/01/22 09:48	09/04/22 11:19	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		09/01/22 09:48	09/04/22 11:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130			09/01/22 09:48	09/04/22 11:19	1

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Matrix: Solid

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0/6/2022

Job ID: 890-2816-1

Project/Site: Biash B Battery SDG: 03D2057016

Client Sample ID: FS02

Date Collected: 08/22/22 11:10

Lab Sample ID: 890-2816-2

Matrix: Solid

Date Received: 08/23/22 16:32 Sample Depth: 2

Client: Ensolum

Method: 8021B - Volatile Organic Compo	ounds (GC)	(Continued)
mothodi coz iz rolatilo olgalilo compt	Julius (33)	(Continuou,

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	106	70 - 130	09/01/22 09:48	09/04/22 11:19	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398		0.00398	mg/Kg			09/04/22 20:06	1

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ı	Mothod: 8015 NM -	Diesel Range Organio	e (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			08/29/22 10:06	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/25/22 16:27	08/27/22 05:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		08/25/22 16:27	08/27/22 05:00	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/25/22 16:27	08/27/22 05:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95	70 - 130	08/25/22 16:27	08/27/22 05:00	1
o-Terphenyl	97	70 - 130	08/25/22 16:27	08/27/22 05:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.6	5.00	mg/Kg			08/30/22 21:43	1

Client Sample ID: FS03

Date Collected: 08/22/22 11:20

Lab Sample ID: 890-2816-3

Matrix: Solid

Date Collected: 08/22/22 11:20 Date Received: 08/23/22 16:32

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

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Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		09/01/22 09:48	09/04/22 11:40	1
Toluene	<0.00200	U	0.00200	mg/Kg		09/01/22 09:48	09/04/22 11:40	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		09/01/22 09:48	09/04/22 11:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		09/01/22 09:48	09/04/22 11:40	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		09/01/22 09:48	09/04/22 11:40	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		09/01/22 09:48	09/04/22 11:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130			09/01/22 09:48	09/04/22 11:40	1
1,4-Difluorobenzene (Surr)	105		70 - 130			09/01/22 09:48	09/04/22 11:40	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	DII Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			09/04/22 20:06	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC	Method: 8015 NM -	- Diesel Range	Organics (DRO)	(GC
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Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0 U	50.0	mg/Kg			08/29/22 10:06	1

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Matrix: Solid

Lab Sample ID: 890-2816-3

Client: Ensolum Job ID: 890-2816-1 Project/Site: Biash B Battery SDG: 03D2057016

Client Sample ID: FS03

Date Collected: 08/22/22 11:20 Date Received: 08/23/22 16:32

Sample Depth: 2

Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	mg/Kg		08/25/22 16:27	08/27/22 03:33	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<50.0	U	50.0	mg/Kg		08/25/22 16:27	08/27/22 03:33	1
C10-C28)								
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/25/22 16:27	08/27/22 03:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130			08/25/22 16:27	08/27/22 03:33	1
o-Terphenyl	89		70 - 130			08/25/22 16:27	08/27/22 03:33	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.4		5.01	mg/Kg		-	08/30/22 22:04	1

Client Sample ID: FS04 Lab Sample ID: 890-2816-4 Date Collected: 08/22/22 11:30 Matrix: Solid

Date Received: 08/23/22 16:32

Sample Depth: 2

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		09/01/22 09:48	09/04/22 12:00	1
Toluene	<0.00202	U	0.00202	mg/Kg		09/01/22 09:48	09/04/22 12:00	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		09/01/22 09:48	09/04/22 12:00	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		09/01/22 09:48	09/04/22 12:00	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		09/01/22 09:48	09/04/22 12:00	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		09/01/22 09:48	09/04/22 12:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130			09/01/22 09:48	09/04/22 12:00	1
1,4-Difluorobenzene (Surr)	110		70 - 130			09/01/22 09:48	09/04/22 12:00	1
Method: Total BTEX - Total BTEX	(Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			09/04/22 20:06	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			08/29/22 10:06	1
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		08/25/22 16:27	08/27/22 05:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		08/25/22 16:27	08/27/22 05:43	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		08/25/22 16:27	08/27/22 05:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130			08/25/22 16:27	08/27/22 05:43	1
o-Terphenyl	69	S1-	70 - 130			08/25/22 16:27	08/27/22 05:43	1

Job ID: 890-2816-1

SDG: 03D2057016

Project/Site: Biash B Battery **Client Sample ID: FS04**

Lab Sample ID: 890-2816-4

08/29/22 10:06

Matrix: Solid

Date Collected: 08/22/22 11:30 Date Received: 08/23/22 16:32

Sample Depth: 2

Client: Ensolum

Method: 300.0 - Anions, Ion Chrom	atography -	Soluble						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.8		5.02	mg/Kg			08/30/22 22:11	1

Client Sample ID: FS05 Lab Sample ID: 890-2816-5 Matrix: Solid

Date Collected: 08/23/22 09:30 Date Received: 08/23/22 16:32

Sample Depth: 2

Total TPH

o-Terphenyl

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		09/02/22 15:33	09/05/22 21:53	1
Toluene	<0.00199	U	0.00199	mg/Kg		09/02/22 15:33	09/05/22 21:53	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		09/02/22 15:33	09/05/22 21:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		09/02/22 15:33	09/05/22 21:53	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		09/02/22 15:33	09/05/22 21:53	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		09/02/22 15:33	09/05/22 21:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130			09/02/22 15:33	09/05/22 21:53	1
1,4-Difluorobenzene (Surr)	96		70 - 130			09/02/22 15:33	09/05/22 21:53	1

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398 U	0.00398	mg/Kg			09/04/22 20:06	1
Method: 8015 NM - Diesel Range C	rganics (DRO) (GC)						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

50.0

mg/Kg

178

90

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/26/22 15:42	08/29/22 00:32	1
Diesel Range Organics (Over C10-C28)	68.0		50.0	mg/Kg		08/26/22 15:42	08/29/22 00:32	1
Oll Range Organics (Over C28-C36)	110		50.0	mg/Kg		08/26/22 15:42	08/29/22 00:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130			08/26/22 15:42	08/29/22 00:32	1

Method: 300.0 - Anions, Ion Chrom	natography - Soluble)					
Analyte	Result Qualifier	r RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.0	4.95	mg/Kg			08/30/22 22:31	1

70 - 130

Client Sample Results

Client: Ensolum Job ID: 890-2816-1
Project/Site: Biash B Battery SDG: 03D2057016

Client Sample ID: FS06 Lab Sample ID: 890-2816-6

Date Collected: 08/23/22 09:35
Date Received: 08/23/22 16:32
Matrix: Solid

Sample Depth: 2

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200	mg/Kg		09/02/22 15:33	09/05/22 22:13	
Toluene	<0.00200	U	0.00200	mg/Kg		09/02/22 15:33	09/05/22 22:13	
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		09/02/22 15:33	09/05/22 22:13	
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		09/02/22 15:33	09/05/22 22:13	
o-Xylene	<0.00200	U	0.00200	mg/Kg		09/02/22 15:33	09/05/22 22:13	
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		09/02/22 15:33	09/05/22 22:13	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil F
4-Bromofluorobenzene (Surr)			70 - 130			09/02/22 15:33	09/05/22 22:13	
1,4-Difluorobenzene (Surr)	84		70 - 130			09/02/22 15:33	09/05/22 22:13	
Method: Total BTEX - Total BTE	X Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00401	U	0.00401	mg/Kg			09/04/22 20:06	
Total TPH	143		49.9	mg/Kg			08/29/22 10:06	
Total III	140		10.0	mg/ng			00/20/22 10:00	
Method: 8015B NM - Diesel Rang	• • •	, , ,						
Analyto								
		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	Result <49.9		RL 49.9	mg/Kg	<u>D</u>	Prepared 08/26/22 14:19	Analyzed 08/28/22 23:55	Dil Fa
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over					<u>D</u>			Dil Fa
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg	<u>D</u>	08/26/22 14:19	08/28/22 23:55	Dil F
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<49.9 143	U	49.9	mg/Kg	<u>D</u>	08/26/22 14:19 08/26/22 14:19	08/28/22 23:55 08/28/22 23:55	
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	<49.9 143 <49.9	U	49.9 49.9 49.9	mg/Kg	<u>D</u>	08/26/22 14:19 08/26/22 14:19 08/26/22 14:19	08/28/22 23:55 08/28/22 23:55 08/28/22 23:55	
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<49.9 143 <49.9 %Recovery	U	49.9 49.9 49.9 <i>Limits</i>	mg/Kg	<u> </u>	08/26/22 14:19 08/26/22 14:19 08/26/22 14:19 Prepared	08/28/22 23:55 08/28/22 23:55 08/28/22 23:55 Analyzed	
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Method: 300.0 - Anions, Ion Chro	<49.9 143 <49.9 %Recovery 127 116	U Qualifier	49.9 49.9 49.9 Limits 70 - 130	mg/Kg	<u>D</u>	08/26/22 14:19 08/26/22 14:19 08/26/22 14:19 Prepared 08/26/22 14:19	08/28/22 23:55 08/28/22 23:55 08/28/22 23:55 Analyzed 08/28/22 23:55	
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<49.9 143 <49.9 %Recovery 127 116 omatography -	U Qualifier	49.9 49.9 49.9 Limits 70 - 130	mg/Kg	<u>D</u>	08/26/22 14:19 08/26/22 14:19 08/26/22 14:19 Prepared 08/26/22 14:19	08/28/22 23:55 08/28/22 23:55 08/28/22 23:55 Analyzed 08/28/22 23:55	Dil Fa

Client Sample ID: FS07 Lab Sample ID: 890-2816-7

Date Collected: 08/23/22 09:40 Date Received: 08/23/22 16:32

Date Received. 00/20/22 10:0

Sample Depth: 2

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		09/02/22 15:33	09/05/22 22:34	1
Toluene	<0.00200	U	0.00200	mg/Kg		09/02/22 15:33	09/05/22 22:34	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		09/02/22 15:33	09/05/22 22:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		09/02/22 15:33	09/05/22 22:34	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		09/02/22 15:33	09/05/22 22:34	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		09/02/22 15:33	09/05/22 22:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130			09/02/22 15:33	09/05/22 22:34	1

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Matrix: Solid

Released to Imaging: 10/13/2022 12:38:49 PM

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Job ID: 890-2816-1

08/26/22 14:19

08/26/22 14:19

08/29/22 00:16

08/29/22 00:16

Client: Ensolum Project/Site: Biash B Battery SDG: 03D2057016

Client Sample ID: FS07 Lab Sample ID: 890-2816-7

Date Collected: 08/23/22 09:40 Matrix: Solid Date Received: 08/23/22 16:32

Sample Depth: 2

Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	91		70 - 130			09/02/22 15:33	09/05/22 22:34	1
· Method: Total BTEX - Total BTE)	(Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			09/04/22 20:06	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			08/29/22 10:06	1
Method: 8015B NM - Diesel Rang	ge Organics (Di	RO) (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	mg/Kg		08/26/22 14:19	08/29/22 00:16	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<50.0	U	50.0	mg/Kg		08/26/22 14:19	08/29/22 00:16	1
C10-C28)								
Oll Range Organics (Over C28-C36)	<50.0	П	50.0	mg/Kg		08/26/22 14:19	08/29/22 00:16	1

Method: 300.0 - Anions, Ion Chron	natography - Soluble						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.8	4.98	mg/Kg			08/30/22 22:45	1

70 - 130

70 - 130

136 S1+

131 S1+

<49.8 U

Client Sample ID: FS08 Lab Sample ID: 890-2816-8 Date Collected: 08/23/22 09:45 **Matrix: Solid**

Date Received: 08/23/22 16:32

Sample Depth: 3

Total TPH

1-Chlorooctane

o-Terphenyl

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		09/02/22 15:33	09/05/22 22:54	1
Toluene	<0.00199	U	0.00199	mg/Kg		09/02/22 15:33	09/05/22 22:54	1
Ethylbenzene	< 0.00199	U	0.00199	mg/Kg		09/02/22 15:33	09/05/22 22:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		09/02/22 15:33	09/05/22 22:54	1
o-Xylene	< 0.00199	U	0.00199	mg/Kg		09/02/22 15:33	09/05/22 22:54	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		09/02/22 15:33	09/05/22 22:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130			09/02/22 15:33	09/05/22 22:54	1
1,4-Difluorobenzene (Surr)	74		70 - 130			09/02/22 15:33	09/05/22 22:54	1
Method: Total BTEX - Total B	ΓEX Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			09/04/22 20:06	1
- Method: 8015 NM - Diesel Rar	nge Organics (DR	O) (GC)						
	'							

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08/29/22 10:06

49.8

mg/Kg

Matrix: Solid

Job ID: 890-2816-1

Project/Site: Biash B Battery

SDG: 03D2057016

Client Sample ID: FS08

Lab Sample ID: 890-2816-8

Date Collected: 08/23/22 09:45
Date Received: 08/23/22 16:32

Sample Depth: 3

Client: Ensolum

Method: 8015B NM - Diesel Rang	je Organics (D	RO) (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		08/26/22 14:19	08/29/22 00:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		08/26/22 14:19	08/29/22 00:37	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		08/26/22 14:19	08/29/22 00:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130			08/26/22 14:19	08/29/22 00:37	1
o-Terphenyl	109		70 - 130			08/26/22 14:19	08/29/22 00:37	1
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.5		5.00	mg/Kg			08/30/22 22:52	1

Client Sample ID: SW01

Date Collected: 08/22/22 11:40

Lab Sample ID: 890-2816-9

Matrix: Solid

Date Collected: 08/22/22 11:40 Date Received: 08/23/22 16:32

Sample Depth: 0 - 3

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		09/01/22 09:48	09/04/22 12:21	1
Toluene	<0.00198	U	0.00198	mg/Kg		09/01/22 09:48	09/04/22 12:21	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		09/01/22 09:48	09/04/22 12:21	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		09/01/22 09:48	09/04/22 12:21	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		09/01/22 09:48	09/04/22 12:21	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		09/01/22 09:48	09/04/22 12:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130			09/01/22 09:48	09/04/22 12:21	1
1,4-Difluorobenzene (Surr)	102		70 - 130			09/01/22 09:48	09/04/22 12:21	1
Method: Total BTEX - Total BTE	(Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			09/04/22 20:06	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			08/29/22 10:06	1
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		08/25/22 16:27	08/27/22 04:17	1
Diesel Range Organics (Over	<49.9	U	49.9	mg/Kg		08/25/22 16:27	08/27/22 04:17	1
				mg/Kg		08/25/22 16:27	08/27/22 04:17	1
C10-C28) Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Rg		00/20/22 10.27	00/21/22 04.17	
C10-C28) OII Range Organics (Over C28-C36)	<49.9 %Recovery		49.9 Limits	mg/Kg		Prepared	Analyzed	Dil Fac
C10-C28)				ilig/Ng				

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Job ID: 890-2816-1

Client: Ensolum Project/Site: Biash B Battery SDG: 03D2057016

Client Sample ID: SW01 Lab Sample ID: 890-2816-9

Date Collected: 08/22/22 11:40 Matrix: Solid Date Received: 08/23/22 16:32

Sample Depth: 0 - 3

	Method: 300.0 - Anions, Ion Chromatography - Soluble									
	Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
L	Chloride	10.9		4.95	mg/Kg			08/30/22 22:59	1	

Client Sample ID: SW02 Lab Sample ID: 890-2816-10 Matrix: Solid

Date Collected: 08/22/22 11:50 Date Received: 08/23/22 16:32

Sample Depth: 0 - 3

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200	mg/Kg		09/01/22 09:48	09/04/22 12:41	
Toluene	<0.00200	U	0.00200	mg/Kg		09/01/22 09:48	09/04/22 12:41	,
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		09/01/22 09:48	09/04/22 12:41	
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		09/01/22 09:48	09/04/22 12:41	
o-Xylene	<0.00200	U	0.00200	mg/Kg		09/01/22 09:48	09/04/22 12:41	
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		09/01/22 09:48	09/04/22 12:41	•
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	86		70 - 130			09/01/22 09:48	09/04/22 12:41	
1,4-Difluorobenzene (Surr)	109		70 - 130			09/01/22 09:48	09/04/22 12:41	1
Method: Total BTEX - Total BTEX	(Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			09/04/22 20:06	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			08/29/22 10:06	1
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
5 5	<49.8	U	49.8	mg/Kg		08/25/22 16:27	08/27/22 03:55	1
(GRO)-C6-C10 Diesel Range Organics (Over	<49.8 <49.8		49.8 49.8	mg/Kg mg/Kg		08/25/22 16:27 08/25/22 16:27	08/27/22 03:55 08/27/22 03:55	1
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28)		U						1
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<49.8	U U	49.8	mg/Kg		08/25/22 16:27	08/27/22 03:55	
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate	<49.8 <49.8	U U	49.8 49.8	mg/Kg		08/25/22 16:27 08/25/22 16:27	08/27/22 03:55 08/27/22 03:55	1
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<49.8 <49.8 %Recovery	U U	49.8 49.8 <i>Limits</i>	mg/Kg		08/25/22 16:27 08/25/22 16:27 Prepared	08/27/22 03:55 08/27/22 03:55 Analyzed	Dil Fac
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<49.8 <49.8 %Recovery 113 116	U U Qualifier	49.8 49.8 Limits 70 - 130	mg/Kg		08/25/22 16:27 08/25/22 16:27 Prepared 08/25/22 16:27	08/27/22 03:55 08/27/22 03:55 Analyzed 08/27/22 03:55	Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Method: 300.0 - Anions, Ion Chro	<49.8 <49.8 **Recovery 113 116 Domatography -	U U Qualifier	49.8 49.8 Limits 70 - 130	mg/Kg	D	08/25/22 16:27 08/25/22 16:27 Prepared 08/25/22 16:27	08/27/22 03:55 08/27/22 03:55 Analyzed 08/27/22 03:55	Dil Fac

Client: Ensolum

Job ID: 890-2816-1 Project/Site: Biash B Battery SDG: 03D2057016

Client Sample ID: SW03 Lab Sample ID: 890-2816-11 Matrix: Solid

Date Collected: 08/23/22 12:30 Date Received: 08/23/22 16:32

Sample Depth: 0 - 2

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		09/02/22 15:33	09/05/22 23:15	1
Toluene	<0.00201	U	0.00201	mg/Kg		09/02/22 15:33	09/05/22 23:15	1
Ethylbenzene	< 0.00201	U	0.00201	mg/Kg		09/02/22 15:33	09/05/22 23:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		09/02/22 15:33	09/05/22 23:15	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		09/02/22 15:33	09/05/22 23:15	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		09/02/22 15:33	09/05/22 23:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130			09/02/22 15:33	09/05/22 23:15	1
1,4-Difluorobenzene (Surr)	89		70 - 130			09/02/22 15:33	09/05/22 23:15	1
Method: Total BTEX - Total BTEX	X Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			09/04/22 20:06	1
Analyte Total TPH		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	-100							
<u>-</u>	<49.9	U	49.9	mg/Kg			08/29/22 10:06	
Method: 8015B NM - Diesel Rang			49.9	mg/Kg				
• -	ge Organics (D		49.9 RL	mg/Kg Unit	D	Prepared		1
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	ge Organics (D	RO) (GC) Qualifier			D	Prepared 08/26/22 14:19	08/29/22 10:06	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	ge Organics (D	RO) (GC) Qualifier	RL	Unit	<u>D</u>		08/29/22 10:06 Analyzed	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10	ge Organics (D Result <49.9	RO) (GC) Qualifier	RL 49.9 49.9	<mark>Unit</mark> mg/Kg	<u>D</u>	08/26/22 14:19	08/29/22 10:06 Analyzed 08/29/22 00:58	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	ge Organics (D Result <49.9	RO) (GC) Qualifier U	RL 49.9	<mark>Unit</mark> mg/Kg	<u>D</u>	08/26/22 14:19	08/29/22 10:06 Analyzed 08/29/22 00:58	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	ge Organics (D Result <49.9	RO) (GC) Qualifier U	RL 49.9 49.9	<mark>Unit</mark> mg/Kg mg/Kg	<u>D</u>	08/26/22 14:19 08/26/22 14:19 08/26/22 14:19 Prepared	08/29/22 10:06 Analyzed 08/29/22 00:58 08/29/22 00:58	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	ge Organics (D Result <49.9 <49.9	RO) (GC) Qualifier U	RL 49.9 49.9 49.9	<mark>Unit</mark> mg/Kg mg/Kg	<u>D</u>	08/26/22 14:19 08/26/22 14:19 08/26/22 14:19	08/29/22 10:06 Analyzed 08/29/22 00:58 08/29/22 00:58	Dil Face 1 1 1 Dil Face
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	ge Organics (D Result <49.9 <49.9 <49.9 %Recovery	RO) (GC) Qualifier U	RL 49.9 49.9 49.9 <i>Limits</i>	<mark>Unit</mark> mg/Kg mg/Kg	<u>D</u>	08/26/22 14:19 08/26/22 14:19 08/26/22 14:19 Prepared	08/29/22 10:06 Analyzed 08/29/22 00:58 08/29/22 00:58 08/29/22 00:58 Analyzed	Dil Fac
Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	ge Organics (D Result <49.9 <49.9 <49.9 **Recovery 127 116 omatography -	RO) (GC) Qualifier U U Qualifier Soluble	RL 49.9 49.9 49.9 Limits 70 - 130	<mark>Unit</mark> mg/Kg mg/Kg	<u>D</u>	08/26/22 14:19 08/26/22 14:19 08/26/22 14:19 Prepared 08/26/22 14:19	08/29/22 10:06 Analyzed 08/29/22 00:58 08/29/22 00:58 Analyzed 08/29/22 00:58	Dil Fac
Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	ge Organics (D Result <49.9 <49.9 <49.9 **Recovery 127 116 omatography -	RO) (GC) Qualifier U U Qualifier	RL 49.9 49.9 49.9 Limits 70 - 130	<mark>Unit</mark> mg/Kg mg/Kg	D	08/26/22 14:19 08/26/22 14:19 08/26/22 14:19 Prepared 08/26/22 14:19	08/29/22 10:06 Analyzed 08/29/22 00:58 08/29/22 00:58 Analyzed 08/29/22 00:58	Dil Face

Client Sample ID: SS05 Lab Sample ID: 890-2816-12

Date Collected: 08/23/22 11:00 Date Received: 08/23/22 16:32

Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		09/02/22 15:33	09/05/22 23:35	1
Toluene	<0.00202	U	0.00202	mg/Kg		09/02/22 15:33	09/05/22 23:35	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		09/02/22 15:33	09/05/22 23:35	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		09/02/22 15:33	09/05/22 23:35	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		09/02/22 15:33	09/05/22 23:35	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		09/02/22 15:33	09/05/22 23:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130			09/02/22 15:33	09/05/22 23:35	1

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Matrix: Solid

Client: Ensolum Job ID: 890-2816-1 Project/Site: Biash B Battery SDG: 03D2057016

Client Sample ID: SS05 Lab Sample ID: 890-2816-12

Date Collected: 08/23/22 11:00 Matrix: Solid Date Received: 08/23/22 16:32

Sample Depth: 0.5

Method: 8021B - Volatile Organic Compounds	(GC) (Continued)
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Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	80		70 - 130	09/02/22 15:33	09/05/22 23:35	1

Method:	Total	BTEX -	- Total	BTEX	Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			09/04/22 20:06	1

Mothod: 8015 NM	Diosal Range	Organice	(DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			08/29/22 10:06	1

Method: 8015B	NM Discol	Dange Ore	aaniee (DD()) (CC)
MICHIOU. OU IOD	INIVI - DIESEI	Rallue Oli	ualiics lunc	JI (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	mg/Kg		08/26/22 13:06	08/27/22 02:03	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<50.0	U	50.0	mg/Kg		08/26/22 13:06	08/27/22 02:03	1
C10-C28)								
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/26/22 13:06	08/27/22 02:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac

Surrogate	%Recovery C	Qualifier Li	imits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94	70	0 - 130	08/26/22 13:06	08/27/22 02:03	1
o-Terphenyl	104	70	0 - 130	08/26/22 13:06	08/27/22 02:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.1		5.02	mg/Kg			09/01/22 08:44	1

Client Sample ID: SS06 Lab Sample ID: 890-2816-13 Matrix: Solid

Date Collected: 08/23/22 11:10 Date Received: 08/23/22 16:32

Sample Depth: 0.5

Method: 8021B -	. Volatila	Organic (Compounds	(GC)
Methou, ouz ib :	· voiatile	Oruanic C	JUHUUUHIUS	100

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		09/02/22 15:33	09/05/22 23:56	1
Toluene	<0.00200	U	0.00200	mg/Kg		09/02/22 15:33	09/05/22 23:56	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		09/02/22 15:33	09/05/22 23:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		09/02/22 15:33	09/05/22 23:56	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		09/02/22 15:33	09/05/22 23:56	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		09/02/22 15:33	09/05/22 23:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130			09/02/22 15:33	09/05/22 23:56	1
1,4-Difluorobenzene (Surr)	69	S1-	70 - 130			09/02/22 15:33	09/05/22 23:56	1

Mothod:	Total RTF	Y - Total R	TFX Calculatio	n

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	DII Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			09/04/22 20:06	1

	Method: 8015 NM - Diesel	Range Organics (DRO	D) (GC)	١
ı	Michiga. 00 to Min - Diese	i italige Organics (Ditt		,

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			08/29/22 10:06	1

Job ID: 890-2816-1

Project/Site: Biash B Battery

SDG: 03D2057016

Client Sample ID: 890-2816-13

Date Collected: 08/23/22 11:10
Date Received: 08/23/22 16:32

Matrix: Solid

Sam	ple	Depth:	0.5

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	mg/Kg		08/26/22 13:06	08/27/22 02:24	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<50.0	U	50.0	mg/Kg		08/26/22 13:06	08/27/22 02:24	1
C10-C28)								
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/26/22 13:06	08/27/22 02:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130			08/26/22 13:06	08/27/22 02:24	1
o-Terphenyl	85		70 - 130			08/26/22 13:06	08/27/22 02:24	1
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: SS07

Lab Sample ID: 890-2816-14

Date Collected: 08/23/22 11:20

Matrix: Solid

Date Collected: 08/23/22 11:20 Date Received: 08/23/22 16:32

Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199	U	0.00199	mg/Kg		09/02/22 15:33	09/06/22 00:16	1
Toluene	<0.00199	U	0.00199	mg/Kg		09/02/22 15:33	09/06/22 00:16	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		09/02/22 15:33	09/06/22 00:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		09/02/22 15:33	09/06/22 00:16	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		09/02/22 15:33	09/06/22 00:16	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		09/02/22 15:33	09/06/22 00:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130			09/02/22 15:33	09/06/22 00:16	1
1,4-Difluorobenzene (Surr)	90		70 - 130			09/02/22 15:33	09/06/22 00:16	1
Analyte Total BTEX	<0.00398	U	0.00398	Unit mg/Kg			09/04/22 20:06	1
Total BTEX			0.00398		<u> </u>		09/04/22 20:06	1
	ige Organics (DR		0.00398 RL			Prepared	09/04/22 20:06 Analyzed	1 Dil Fac
Total BTEX Method: 8015 NM - Diesel Ran	ige Organics (DR	O) (GC)		mg/Kg	<u>D</u>	Prepared		
Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH Method: 8015B NM - Diesel Ra	rige Organics (DR) Result 189 range Organics (DI)	O) (GC) Qualifier RO) (GC)	RL	mg/Kg Unit mg/Kg			Analyzed 08/29/22 10:06	Dil Fac
Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH Method: 8015B NM - Diesel Ra Analyte	nge Organics (DR Result 189 ange Organics (DI Result	O) (GC) Qualifier RO) (GC) Qualifier	RL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared	Analyzed 08/29/22 10:06 Analyzed	Dil Fac
Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH Method: 8015B NM - Diesel Ra	rige Organics (DR) Result 189 range Organics (DI)	O) (GC) Qualifier RO) (GC) Qualifier	RL	mg/Kg Unit mg/Kg			Analyzed 08/29/22 10:06	Dil Fac
Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	nge Organics (DR Result 189 ange Organics (DI Result	O) (GC) Qualifier RO) (GC) Qualifier	RL	mg/Kg Unit mg/Kg Unit		Prepared	Analyzed 08/29/22 10:06 Analyzed	Dil Fac
Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over	nge Organics (DR Result 189 ange Organics (D Result <49.8	O) (GC) Qualifier RO) (GC) Qualifier U	RL 49.8	mg/Kg Unit mg/Kg Unit mg/Kg		Prepared 08/26/22 13:06	Analyzed 08/29/22 10:06 Analyzed 08/27/22 03:06	Dil Fac Dil Fac 1
Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	nge Organics (DR/Result 189 ange Organics (DR/Result < 49.8 64.5	O) (GC) Qualifier RO) (GC) Qualifier U	RL 49.8 RL 49.8 49.8	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 08/26/22 13:06 08/26/22 13:06	Analyzed 08/29/22 10:06 Analyzed 08/27/22 03:06 08/27/22 03:06	Dil Fac Dil Fac 1
Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over	nge Organics (DR/Result 189 ange Organics (DR/Result < 49.8 64.5	O) (GC) Qualifier RO) (GC) Qualifier U	RL 49.8 RL 49.8 49.8	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 08/26/22 13:06 08/26/22 13:06	Analyzed 08/29/22 10:06 Analyzed 08/27/22 03:06 08/27/22 03:06	Dil Fac Dil Fac 1

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08/27/22 03:06

08/26/22 13:06

70 - 130

88

o-Terphenyl

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7

9

11

13

14

Job ID: 890-2816-1

mg/Kg

Client: Ensolum Project/Site: Biash B Battery SDG: 03D2057016

Client Sample ID: SS07 Lab Sample ID: 890-2816-14 Date Collected: 08/23/22 11:20

Matrix: Solid

09/01/22 08:58

Date Received: 08/23/22 16:32 Sample Depth: 0.5

Method: 300.0 - Anions, Ion Chromatography - Soluble Result Qualifier Dil Fac Analyte RL Unit D Prepared Analyzed

14.6

5.02 Client Sample ID: SS08 Lab Sample ID: 890-2816-15

Date Collected: 08/23/22 11:30 **Matrix: Solid**

Date Received: 08/23/22 16:32

Sample Depth: 0.5

Chloride

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		09/02/22 15:33	09/06/22 00:36	
Toluene	<0.00200	U	0.00200	mg/Kg		09/02/22 15:33	09/06/22 00:36	
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		09/02/22 15:33	09/06/22 00:36	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		09/02/22 15:33	09/06/22 00:36	
o-Xylene	<0.00200	U	0.00200	mg/Kg		09/02/22 15:33	09/06/22 00:36	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		09/02/22 15:33	09/06/22 00:36	,
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130			09/02/22 15:33	09/06/22 00:36	1
1,4-Difluorobenzene (Surr)	92		70 - 130			09/02/22 15:33	09/06/22 00:36	1
Method: Total BTEX - Total BTEX	X Calculation							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			09/04/22 20:06	1
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg		<u> </u>	08/29/22 10:06	
-								
Method: 8015B NM - Diesel Rand	ne Organics (D	RO) (GC)						'
Method: 8015B NM - Diesel Rang Analyte	• •	RO) (GC) Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Gasoline Range Organics	• •	Qualifier	RL 49.9	<mark>Unit</mark> mg/Kg	<u>D</u>	Prepared 08/26/22 13:06	Analyzed 08/27/22 02:45	
	Result	Qualifier U			<u>D</u>			Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <49.9	Qualifier U	49.9	mg/Kg	<u> </u>	08/26/22 13:06	08/27/22 02:45	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <49.9 <49.9	Qualifier U U U	49.9	mg/Kg	<u> </u>	08/26/22 13:06 08/26/22 13:06	08/27/22 02:45 08/27/22 02:45	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <49.9 <49.9 <49.9	Qualifier U U U	49.9 49.9 49.9	mg/Kg	<u> </u>	08/26/22 13:06 08/26/22 13:06 08/26/22 13:06	08/27/22 02:45 08/27/22 02:45 08/27/22 02:45	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result <49.9 <49.9 <49.9 <49.9 %Recovery	Qualifier U U U	49.9 49.9 49.9 <i>Limits</i>	mg/Kg	<u>D</u>	08/26/22 13:06 08/26/22 13:06 08/26/22 13:06 Prepared	08/27/22 02:45 08/27/22 02:45 08/27/22 02:45 Analyzed	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result	Qualifier U U Qualifier	49.9 49.9 49.9 Limits 70 - 130	mg/Kg	<u>D</u>	08/26/22 13:06 08/26/22 13:06 08/26/22 13:06 Prepared 08/26/22 13:06	08/27/22 02:45 08/27/22 02:45 08/27/22 02:45 Analyzed 08/27/22 02:45	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier U U Qualifier	49.9 49.9 49.9 Limits 70 - 130	mg/Kg	<u>D</u>	08/26/22 13:06 08/26/22 13:06 08/26/22 13:06 Prepared 08/26/22 13:06	08/27/22 02:45 08/27/22 02:45 08/27/22 02:45 Analyzed 08/27/22 02:45	Dil Fac

Surrogate Summary

Client: Ensolum Job ID: 890-2816-1
Project/Site: Biash B Battery SDG: 03D2057016

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

		BFB1	DFBZ1	Percent Surrogate Recovery (Accepta
ab Sample ID	Client Sample ID	(70-130)	(70-130)	
80-18420-A-1-B MS	Matrix Spike	92	102	
80-18420-A-1-C MSD	Matrix Spike Duplicate	99	98	
90-2809-A-1-E MS	Matrix Spike	141 S1+	103	
90-2809-A-1-F MSD	Matrix Spike Duplicate	110	110	
90-2816-1	FS01	86	106	
90-2816-2	FS02	89	106	
90-2816-3	FS03	86	105	
90-2816-4	FS04	91	110	
90-2816-5	FS05	113	96	
90-2816-6	FS06	113	84	
90-2816-7	FS07	113	91	
90-2816-8	FS08	111	74	
90-2816-9	SW01	86	102	
90-2816-10	SW02	86	109	
90-2816-11	SW03	122	89	
90-2816-12	SS05	118	80	
90-2816-13	SS06	104	69 S1-	
90-2816-14	SS07	122	90	
90-2816-15	SS08	125	92	
CS 880-33517/1-A	Lab Control Sample	89	104	
CS 880-33660/1-A	Lab Control Sample	128	101	
CSD 880-33517/2-A	Lab Control Sample Dup	94	100	
CSD 880-33660/2-A	Lab Control Sample Dup	128	102	
IB 880-33067/5-A	Method Blank	79	116	
B 880-33517/5-A	Method Blank	80	115	
B 880-33660/5-A	Method Blank	108	94	

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits
		1001	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-2812-A-1-C MS	Matrix Spike	90	84	
390-2812-A-1-D MSD	Matrix Spike Duplicate	93	85	
390-2816-1	FS01	78	74	
890-2816-2	FS02	95	97	
390-2816-3	FS03	88	89	
890-2816-4	FS04	71	69 S1-	
390-2816-5	FS05	92	90	
890-2816-6	FS06	127	116	
890-2816-7	FS07	136 S1+	131 S1+	
390-2816-8	FS08	113	109	
890-2816-9	SW01	82	79	
890-2816-10	SW02	113	116	
890-2816-11	SW03	127	116	

OTPH = o-Terphenyl

Surrogate Summary

Client: Ensolum
Project/Site: Biash B Battery
SDG: 03D2057016

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid Prep Type: Total/NA

		1001	ОТРН1	Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-2816-12	SS05	94	104	
890-2816-13	SS06	77	85	
890-2816-14	SS07	85	88	
890-2816-15	SS08	82	90	
890-2842-A-1-C MS	Matrix Spike	81	78	
890-2842-A-1-D MSD	Matrix Spike Duplicate	88	82	
LCS 880-33061/2-A	Lab Control Sample	93	106	
LCS 880-33084/2-A	Lab Control Sample	105	114	
LCSD 880-33061/3-A	Lab Control Sample Dup	92	103	
LCSD 880-33084/3-A	Lab Control Sample Dup	108	119	
MB 880-33061/1-A	Method Blank	80	94	
MB 880-33084/1-A	Method Blank	73	79	
Surrogate Legend				

46

114

Client: Ensolum Job ID: 890-2816-1 Project/Site: Biash B Battery SDG: 03D2057016

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-33067/5-A

Lab Sample ID: MB 880-33517/5-A

Matrix: Solid

Analysis Batch: 33694

Matrix: Solid

Analysis Batch: 33694

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33067

	MB	MR						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		08/26/22 13:58	09/03/22 16:29	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/26/22 13:58	09/03/22 16:29	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/26/22 13:58	09/03/22 16:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		08/26/22 13:58	09/03/22 16:29	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/26/22 13:58	09/03/22 16:29	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		08/26/22 13:58	09/03/22 16:29	1

MB MB

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	79		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

08/26/22 13:58 09/03/22 16:29 08/26/22 13:58 09/03/22 16:29

Analyzed

Prepared

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33517

	III.D	W.D						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		09/01/22 09:48	09/04/22 04:56	1
Toluene	<0.00200	U	0.00200	mg/Kg		09/01/22 09:48	09/04/22 04:56	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		09/01/22 09:48	09/04/22 04:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		09/01/22 09:48	09/04/22 04:56	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		09/01/22 09:48	09/04/22 04:56	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		09/01/22 09:48	09/04/22 04:56	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepai	red	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	09/01/22	09:48	09/04/22 04:56	1
1,4-Difluorobenzene (Surr)	115		70 - 130	09/01/22	09:48	09/04/22 04:56	1

Lab Sample ID: LCS 880-33517/1-A

Matrix: Solid

Analysis Batch: 33694

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

Prep Batch: 33517

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1118		mg/Kg		112	70 - 130	
Toluene	0.100	0.1053		mg/Kg		105	70 - 130	
Ethylbenzene	0.100	0.1006		mg/Kg		101	70 - 130	
m-Xylene & p-Xylene	0.200	0.1826		mg/Kg		91	70 - 130	
o-Xylene	0.100	0.09566		mg/Kg		96	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	89	70 _ 130
1.4-Difluorobenzene (Surr)	104	70 - 130

Lab Sample ID: LCSD 880-33517/2-A

Matrix: Solid

Analysis Batch: 33694

	Client Sample ID: Lab Control Sa	mple Dup
	Prep Type	: Total/NA
	Prep Bat	tch: 33517
LCSD LCSD	%Rec	PPD

Spike RPD Result Qualifier Analyte Added Unit %Rec Limits RPD Limit Benzene 0.100 0.1058 mg/Kg 106 70 - 130 35

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Dil Fac

Client: Ensolum Project/Site: Biash B Battery

Job ID: 890-2816-1 SDG: 03D2057016

Method: 8021B - Volatile Organic Compounds (GC) (Continued) Lab Sample ID: LCSD 880-33517/2-A

Matrix: Solid

Analysis Batch: 33694

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 33517

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Toluene	0.100	0.1093		mg/Kg		109	70 - 130	4	35
Ethylbenzene	0.100	0.1088		mg/Kg		109	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.2002		mg/Kg		100	70 - 130	9	35
o-Xylene	0.100	0.1054		mg/Kg		105	70 - 130	10	35
I and the second									

LCSD LCSD

<0.00398 UF1

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-18420-A-1-B MS Client Sample ID: Matrix Spike

m-Xylene & p-Xylene

Matrix: Solid Prep Type: Total/NA Analysis Batch: 33694 Prep Batch: 33517

MS MS %Rec Sample Sample Spike Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Benzene <0.00199 U 0.0998 0.08123 mg/Kg 81 70 - 130 Toluene <0.00199 UF1 0.0998 0.06569 F1 66 70 - 130 mg/Kg Ethylbenzene 0.0998 70 - 130 < 0.00199 UF1 0.04828 F1 mg/Kg 48

0.08446 F1

0.04561 F1

mg/Kg

mg/Kg

0.200

o-Xylene <0.00199 UF1 0.0998 MS MS %Recovery Qualifier Limits Surrogate

70 - 130 4-Bromofluorobenzene (Surr) 92 102 70 - 130 1,4-Difluorobenzene (Surr)

Lab Sample ID: 880-18420-A-1-C MSD

Matrix: Solid

Analysis Batch: 33694

Client Sample ID: Matrix Spike Duplicate

70 - 130

70 - 130

42

46

Prep Type: Total/NA Prep Batch: 33517

MSD MSD **RPD** Sample Sample Spike %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Benzene <0.00199 U 0.100 0.07476 mg/Kg 74 70 - 130 8 35 Toluene <0.00199 UF1 0.100 0.06471 F1 mg/Kg 64 70 - 130 2 35 Ethylbenzene < 0.00199 UF1 0.100 0.04660 F1 mg/Kg 46 70 - 130 35 0.201 0.08240 F1 41 70 - 130 2 35 m-Xylene & p-Xylene <0.00398 UF1 mg/Kg 0.100 o-Xylene <0.00199 UF1 0.04473 F1 mg/Kg 45 70 - 130 35

MSD MSD

Surrogate	%Recovery Qual	ifier Limits
4-Bromofluorobenzene (Surr)	99	70 - 130
1,4-Difluorobenzene (Surr)	98	70 - 130

Lab Sample ID: MB 880-33660/5-A

Matrix: Solid

Analysis Batch: 33741

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33660

мв мв

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg	_	09/02/22 15:33	09/05/22 17:03	1
Toluene	<0.00200	U	0.00200	mg/Kg		09/02/22 15:33	09/05/22 17:03	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		09/02/22 15:33	09/05/22 17:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		09/02/22 15:33	09/05/22 17:03	1

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Client: Ensolum

Project/Site: Biash B Battery

Job ID: 890-2816-1 SDG: 03D2057016

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

Lab Sample ID: MB 880-33660/5-A

Matrix: Solid

Analysis Batch: 33741

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33660

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200	mg/Kg		09/02/22 15:33	09/05/22 17:03	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		09/02/22 15:33	09/05/22 17:03	1

MR MR

мв мв

	2					
Surrogate	%Recovery	Qualifier L	imits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108	70	0 - 130	09/02/22 15:33	09/05/22 17:03	1
1,4-Difluorobenzene (Surr)	94	70	0 - 130	09/02/22 15:33	09/05/22 17:03	1

Lab Sample ID: LCS 880-33660/1-A **Client Sample ID: Lab Control Sample**

Matrix: Solid

Prep Type: Total/NA **Analysis Batch: 33741** Prep Batch: 33660

	Бріке	LUS	LUS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09189		mg/Kg		92	70 - 130	
Toluene	0.100	0.08925		mg/Kg		89	70 - 130	
Ethylbenzene	0.100	0.09337		mg/Kg		93	70 - 130	
m-Xylene & p-Xylene	0.200	0.2014		mg/Kg		101	70 - 130	
o-Xylene	0.100	0.1157		mg/Kg		116	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr) 128		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-33660/2-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 33741							Prep	Batch:	33660
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.09911		mg/Kg		99	70 - 130	8	35
Toluene	0.100	0.09836		mg/Kg		98	70 - 130	10	35
Ethylbenzene	0.100	0.1033		mg/Kg		103	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.2226		mg/Kg		111	70 - 130	10	35
o-Xylene	0.100	0.1281		mg/Kg		128	70 - 130	10	35

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	128	70 _ 130
1.4-Difluorobenzene (Surr)	102	70 - 130

Lab Sample ID: 890-2809-A-1-E MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 33741

Prep Type: Total/NA Prep Batch: 33660

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00199	U F1	0.0998	0.05599	F1	mg/Kg		56	70 - 130	
Toluene	< 0.00199	U F1	0.0998	0.05008	F1	mg/Kg		50	70 - 130	
Ethylbenzene	< 0.00199	U F1	0.0998	0.04944	F1	mg/Kg		50	70 - 130	
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.1012	F1	mg/Kg		51	70 - 130	
o-Xylene	<0.00199	U F1	0.0998	0.05800	F1	mg/Kg		58	70 - 130	

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Prep Type: Total/NA

Client: Ensolum Job ID: 890-2816-1 Project/Site: Biash B Battery SDG: 03D2057016

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

Lab Sample ID: 890-2809-A-1-E MS

Matrix: Solid

Analysis Batch: 33741

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 33660

MS MS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 141 S1+ 70 - 130 1,4-Difluorobenzene (Surr) 103 70 - 130

Lab Sample ID: 890-2809-A-1-F MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 33741

Prep Type: Total/NA

Prep Batch: 33660

-	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00199	U F1	0.100	0.07600		mg/Kg		76	70 - 130	30	35
Toluene	<0.00199	U F1	0.100	0.06048	F1	mg/Kg		60	70 - 130	19	35
Ethylbenzene	<0.00199	U F1	0.100	0.04987	F1	mg/Kg		50	70 - 130	1	35
m-Xylene & p-Xylene	<0.00398	U F1	0.201	0.09832	F1	mg/Kg		49	70 - 130	3	35
o-Xylene	<0.00199	U F1	0.100	0.05860	F1	mg/Kg		58	70 - 130	1	35

MSD MSD

%Recovery Qualifier Surrogate Limits 4-Bromofluorobenzene (Surr) 110 70 - 130 1,4-Difluorobenzene (Surr) 110 70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-33061/1-A

Matrix: Solid

Analysis Batch: 33016

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33061

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/26/22 13:06	08/26/22 20:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		08/26/22 13:06	08/26/22 20:32	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/26/22 13:06	08/26/22 20:32	1

MB MB

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80	70 - 130	08/26/22 13:06	08/26/22 20:32	1
o-Terphenyl	94	70 - 130	08/26/22 13:06	08/26/22 20:32	1

Lab Sample ID: LCS 880-33061/2-A

Matrix: Solid

Analysis Batch: 33016

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 33061

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	896.9	-	mg/Kg		90	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	884.2		mg/Kg		88	70 - 130	
C10 C20\								

C10-C28)

	LUS	LUS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	106		70 - 130

Prep Batch: 33061

Job ID: 890-2816-1

Client: Ensolum Project/Site: Biash B Battery SDG: 03D2057016

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-33061/3-A Client Sample ID: Lab Control Sample Dup Prep Type: Total/NA

Matrix: Solid Analysis Batch: 33016

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	1000	921.3		mg/Kg		92	70 - 130	3	20	
(GRO)-C6-C10										
Diesel Range Organics (Over	1000	899.8		mg/Kg		90	70 - 130	2	20	

C10-C28)

LCSD LCSD Qualifier Surrogate %Recovery Limits 70 - 130 1-Chlorooctane 92 o-Terphenyl 103 70 - 130

Lab Sample ID: 890-2842-A-1-C MS Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA **Analysis Batch: 33016**

Prep Batch: 33061 MS MS %Rec Spike

Sample Sample Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits Gasoline Range Organics <49.9 U 999 811.4 mg/Kg 81 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U 999 733.7 mg/Kg 73 70 - 130 C10-C28)

MS MS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 81 70 - 130 78 70 - 130 o-Terphenyl

Lab Sample ID: 890-2842-A-1-D MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 33016 Prep Batch: 33061 Sample Sample Spike MSD MSD %Rec **RPD** Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit <49.9 U 998 88 Gasoline Range Organics 875.8 70 - 130 20 mg/Kg 8 (GRO)-C6-C10 998 805.7 81

mg/Kg

C10-C28)

Diesel Range Organics (Over

MSD MSD Qualifier Limits Surrogate %Recovery 1-Chlorooctane 88 70 - 130 82 70 - 130 o-Terphenyl

<49.9 LI

Lab Sample ID: MB 880-33084/1-A Client Sample ID: Method Blank

Matrix: Solid Prep Type: Total/NA **Analysis Batch: 33127** Prep Batch: 33084

MB MB Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Gasoline Range Organics <50.0 U 50.0 08/26/22 15:42 08/28/22 17:32 mg/Kg

(GRO)-C6-C10 08/28/22 17:32 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 08/26/22 15:42 C10-C28) 08/26/22 15:42 OII Range Organics (Over C28-C36) <50.0 U 50.0 08/28/22 17:32 mg/Kg

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Prep Type: Total/NA

20

70 - 130

Client: Ensolum Job ID: 890-2816-1 SDG: 03D2057016 Project/Site: Biash B Battery

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-33084/1-A

Matrix: Solid

Analysis Batch: 33127

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 33084

MB MB

	Surrogate	%Recovery	Qualifier	Limits	Prepared	l Analyzed	Dil Fac
	1-Chlorooctane	73		70 - 130	08/26/22 15	:42 08/28/22 17:32	1
l	o-Terphenyl	79		70 - 130	08/26/22 15	:42 08/28/22 17:32	1

Lab Sample ID: LCS 880-33084/2-A **Client Sample ID: Lab Control Sample**

Matrix: Solid

Analysis Batch: 33127

Prep Type: Total/NA

Prep Batch: 33084

_	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics (GRO)-C6-C10	1000	882.1		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	1000	963.8		mg/Kg		96	70 - 130

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	105		70 - 130
o-Terphenyl	114		70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Matrix: Solid Analysis Batch: 33127

Lab Sample ID: LCSD 880-33084/3-A

Prep Batch: 33084

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	1000	914.9		mg/Kg		91	70 - 130	4	20	
(GRO)-C6-C10										
Diesel Range Organics (Over	1000	1028		mg/Kg		103	70 - 130	6	20	
C10-C28)										

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	108	70 - 130
o-Terphenyl	119	70 - 130

Lab Sample ID: 890-2812-A-1-C MS Client Sample ID: Matrix Spike

Matrix: Solid Prep Type: Total/NA Analysis Batch: 33127 Prep Batch: 33084

Spike

	Sample	Sample	Spike	IVIO	IVIO				/onec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	<49.9	U	999	906.5		mg/Kg		88	70 - 130	
(GRO)-C6-C10										
Diesel Range Organics (Over	<49.9	U	999	728.3		mg/Kg		73	70 - 130	
C10-C28)										

MS MS

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	90	70 - 130
o-Terphenyl	84	70 - 130

Client: Ensolum Job ID: 890-2816-1 Project/Site: Biash B Battery

SDG: 03D2057016

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

85

Lab Sample ID: 890-2812-A-1- Matrix: Solid Analysis Batch: 33127	-D MSD					CI	lient Sa	ample ID	-	oike Dup Type: Tot Batch:	tal/NA
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	955.4		mg/Kg		93	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	749.7		mg/Kg		75	70 - 130	3	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	93		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

o-Terphenyl

Lab Sample ID: MB 880-33072/1-A Matrix: Solid Analysis Batch: 33348					Client S	ample ID: Metho Prep Type:		
,		MB	ъ.		_			D:: F
Analyte	Result	Qualifier	RL	Unit	<u>D</u> .	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			08/30/22 19:48	1
Lab Sample ID: LCS 880-33072/2-A					CI	ient Sample	ID: Lab Control	Sample

70 - 130

Matrix: Solid			Prep Ty	pe: Soluble
Analysis Batch: 33348				
	Spike	LCS LCS	%Rec	
Δnalvto	habbA	Result Qualifier Unit	D %Rec Limits	

Chloride	250	236.6	mg/Kg	95	90 - 110	
Lab Sample ID: LCSD 880-33072/3-A Matrix: Solid			Client Sa	ample ID:	Lab Control Sa Prep Type	mple Dup e: Soluble
Analysis Batch: 33348	Spike	LCSD LCSD			%Rec	RPD

Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	228.6		mg/Kg		91	90 - 110	3	20
Lab Sample ID: 890-2816-2 MS							Client Sar	nple ID:	FS02

Matrix: Solid									Prep	Type: Soluble
Analysis Batch: 33348										
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	15.6		250	280.0		mg/Kg		106	90 - 110	

Lab Sample ID: 890-2816-2 MSD Matrix: Solid					Client Sample ID: FS02 Prep Type: Soluble
Analysis Batch: 33348	Sample	Sample	Spike	MSD MSD	%Rec RPD

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	15.6		250	278.7		mg/Kg		105	90 - 110	0	20	

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Prep Type: Soluble

QC Sample Results

Client: Ensolum Job ID: 890-2816-1 Project/Site: Biash B Battery SDG: 03D2057016

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-33073/1-A Client Sample ID: Method Blank

Matrix: Solid

MD MD

Analysis Batch: 33435

	IND	IVID						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			09/01/22 05:46	1

Lab Sample ID: LCS 880-33073/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 33435

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit D %Rec Limits Chloride 250 246.6 mg/Kg 99 90 - 110

Lab Sample ID: LCSD 880-33073/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 33435

LCSD LCSD %Rec RPD Spike Analyte Added Result Qualifier Unit Limits **RPD** Limit Chloride 250 247.5 mg/Kg 90 - 110

Lab Sample ID: 880-18462-A-11-C MS Client Sample ID: Matrix Spike **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 33435

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	4260		1260	5594		mg/Kg	_	106	90 - 110	

Lab Sample ID: 880-18462-A-11-D MSD Client Sample ID: Matrix Spike Duplicate **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 33435

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	4260		1260	5594		mg/Kg		106	90 - 110	0	20

Client: Ensolum

Project/Site: Biash B Battery

Job ID: 890-2816-1 SDG: 03D2057016

GC VOA

Prep Batch: 33067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-33067/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 33517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2816-1	FS01	Total/NA	Solid	5035	
890-2816-2	FS02	Total/NA	Solid	5035	
890-2816-3	FS03	Total/NA	Solid	5035	
890-2816-4	FS04	Total/NA	Solid	5035	
890-2816-9	SW01	Total/NA	Solid	5035	
890-2816-10	SW02	Total/NA	Solid	5035	
MB 880-33517/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-33517/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-33517/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18420-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-18420-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 33660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2816-5	FS05	Total/NA	Solid	5035	
890-2816-6	FS06	Total/NA	Solid	5035	
890-2816-7	FS07	Total/NA	Solid	5035	
890-2816-8	FS08	Total/NA	Solid	5035	
890-2816-11	SW03	Total/NA	Solid	5035	
890-2816-12	SS05	Total/NA	Solid	5035	
890-2816-13	SS06	Total/NA	Solid	5035	
890-2816-14	SS07	Total/NA	Solid	5035	
890-2816-15	SS08	Total/NA	Solid	5035	
MB 880-33660/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-33660/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-33660/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2809-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
890-2809-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 33694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2816-1	FS01	Total/NA	Solid	8021B	33517
890-2816-2	FS02	Total/NA	Solid	8021B	33517
890-2816-3	FS03	Total/NA	Solid	8021B	33517
890-2816-4	FS04	Total/NA	Solid	8021B	33517
890-2816-9	SW01	Total/NA	Solid	8021B	33517
890-2816-10	SW02	Total/NA	Solid	8021B	33517
MB 880-33067/5-A	Method Blank	Total/NA	Solid	8021B	33067
MB 880-33517/5-A	Method Blank	Total/NA	Solid	8021B	33517
LCS 880-33517/1-A	Lab Control Sample	Total/NA	Solid	8021B	33517
LCSD 880-33517/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	33517
880-18420-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	33517
880-18420-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	33517

Analysis Batch: 33715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2816-1	FS01	Total/NA	Solid	Total BTEX	

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Client: Ensolum Job ID: 890-2816-1 Project/Site: Biash B Battery SDG: 03D2057016

GC VOA (Continued)

Analysis Batch: 33715 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2816-2	FS02	Total/NA	Solid	Total BTEX	
890-2816-3	FS03	Total/NA	Solid	Total BTEX	
890-2816-4	FS04	Total/NA	Solid	Total BTEX	
890-2816-5	FS05	Total/NA	Solid	Total BTEX	
890-2816-6	FS06	Total/NA	Solid	Total BTEX	
890-2816-7	FS07	Total/NA	Solid	Total BTEX	
890-2816-8	FS08	Total/NA	Solid	Total BTEX	
890-2816-9	SW01	Total/NA	Solid	Total BTEX	
890-2816-10	SW02	Total/NA	Solid	Total BTEX	
890-2816-11	SW03	Total/NA	Solid	Total BTEX	
890-2816-12	SS05	Total/NA	Solid	Total BTEX	
890-2816-13	SS06	Total/NA	Solid	Total BTEX	
890-2816-14	SS07	Total/NA	Solid	Total BTEX	
890-2816-15	SS08	Total/NA	Solid	Total BTEX	

Analysis Batch: 33741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2816-5	FS05	Total/NA	Solid	8021B	33660
890-2816-6	FS06	Total/NA	Solid	8021B	33660
890-2816-7	FS07	Total/NA	Solid	8021B	33660
890-2816-8	FS08	Total/NA	Solid	8021B	33660
890-2816-11	SW03	Total/NA	Solid	8021B	33660
890-2816-12	SS05	Total/NA	Solid	8021B	33660
890-2816-13	SS06	Total/NA	Solid	8021B	33660
890-2816-14	SS07	Total/NA	Solid	8021B	33660
890-2816-15	SS08	Total/NA	Solid	8021B	33660
MB 880-33660/5-A	Method Blank	Total/NA	Solid	8021B	33660
LCS 880-33660/1-A	Lab Control Sample	Total/NA	Solid	8021B	33660
LCSD 880-33660/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	33660
890-2809-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	33660
890-2809-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	33660

GC Semi VOA

Prep Batch: 33000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2816-1	FS01	Total/NA	Solid	8015NM Prep	
890-2816-2	FS02	Total/NA	Solid	8015NM Prep	
890-2816-3	FS03	Total/NA	Solid	8015NM Prep	
890-2816-4	FS04	Total/NA	Solid	8015NM Prep	
890-2816-9	SW01	Total/NA	Solid	8015NM Prep	
890-2816-10	SW02	Total/NA	Solid	8015NM Prep	

Analysis Batch: 33012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2816-1	FS01	Total/NA	Solid	8015B NM	33000
890-2816-2	FS02	Total/NA	Solid	8015B NM	33000
890-2816-3	FS03	Total/NA	Solid	8015B NM	33000
890-2816-4	FS04	Total/NA	Solid	8015B NM	33000
890-2816-9	SW01	Total/NA	Solid	8015B NM	33000
890-2816-10	SW02	Total/NA	Solid	8015B NM	33000

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Client: Ensolum

Project/Site: Biash B Battery

Job ID: 890-2816-1 SDG: 03D2057016

GC Semi VOA

Analysis Batch: 33016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2816-12	SS05	Total/NA	Solid	8015B NM	33061
890-2816-13	SS06	Total/NA	Solid	8015B NM	33061
890-2816-14	SS07	Total/NA	Solid	8015B NM	33061
890-2816-15	SS08	Total/NA	Solid	8015B NM	33061
MB 880-33061/1-A	Method Blank	Total/NA	Solid	8015B NM	33061
LCS 880-33061/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	33061
LCSD 880-33061/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	33061
890-2842-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	33061
890-2842-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	33061

Prep Batch: 33061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2816-12	SS05	Total/NA	Solid	8015NM Prep	
890-2816-13	SS06	Total/NA	Solid	8015NM Prep	
890-2816-14	SS07	Total/NA	Solid	8015NM Prep	
890-2816-15	SS08	Total/NA	Solid	8015NM Prep	
MB 880-33061/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-33061/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-33061/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2842-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2842-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 33071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2816-6	FS06	Total/NA	Solid	8015NM Prep	
890-2816-7	FS07	Total/NA	Solid	8015NM Prep	
890-2816-8	FS08	Total/NA	Solid	8015NM Prep	
890-2816-11	SW03	Total/NA	Solid	8015NM Prep	

Prep Batch: 33084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2816-5	FS05	Total/NA	Solid	8015NM Prep	
MB 880-33084/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-33084/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-33084/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2812-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2812-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 33127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2816-5	FS05	Total/NA	Solid	8015B NM	33084
MB 880-33084/1-A	Method Blank	Total/NA	Solid	8015B NM	33084
LCS 880-33084/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	33084
LCSD 880-33084/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	33084
890-2812-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	33084
890-2812-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	33084

Analysis Batch: 33131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2816-6	FS06	Total/NA	Solid	8015B NM	33071
890-2816-7	FS07	Total/NA	Solid	8015B NM	33071

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Client: Ensolum

Job ID: 890-2816-1 Project/Site: Biash B Battery SDG: 03D2057016

GC Semi VOA (Continued)

Analysis Batch: 33131 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2816-8	FS08	Total/NA	Solid	8015B NM	33071
890-2816-11	SW03	Total/NA	Solid	8015B NM	33071

Analysis Batch: 33176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2816-1	FS01	Total/NA	Solid	8015 NM	
890-2816-2	FS02	Total/NA	Solid	8015 NM	
890-2816-3	FS03	Total/NA	Solid	8015 NM	
890-2816-4	FS04	Total/NA	Solid	8015 NM	
890-2816-5	FS05	Total/NA	Solid	8015 NM	
890-2816-6	FS06	Total/NA	Solid	8015 NM	
890-2816-7	FS07	Total/NA	Solid	8015 NM	
890-2816-8	FS08	Total/NA	Solid	8015 NM	
890-2816-9	SW01	Total/NA	Solid	8015 NM	
890-2816-10	SW02	Total/NA	Solid	8015 NM	
890-2816-11	SW03	Total/NA	Solid	8015 NM	
890-2816-12	SS05	Total/NA	Solid	8015 NM	
890-2816-13	SS06	Total/NA	Solid	8015 NM	
890-2816-14	SS07	Total/NA	Solid	8015 NM	
890-2816-15	SS08	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 33072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2816-1	FS01	Soluble	Solid	DI Leach	
890-2816-2	FS02	Soluble	Solid	DI Leach	
890-2816-3	FS03	Soluble	Solid	DI Leach	
890-2816-4	FS04	Soluble	Solid	DI Leach	
890-2816-5	FS05	Soluble	Solid	DI Leach	
890-2816-6	FS06	Soluble	Solid	DI Leach	
890-2816-7	FS07	Soluble	Solid	DI Leach	
890-2816-8	FS08	Soluble	Solid	DI Leach	
890-2816-9	SW01	Soluble	Solid	DI Leach	
890-2816-10	SW02	Soluble	Solid	DI Leach	
890-2816-11	SW03	Soluble	Solid	DI Leach	
MB 880-33072/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-33072/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-33072/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2816-2 MS	FS02	Soluble	Solid	DI Leach	
890-2816-2 MSD	FS02	Soluble	Solid	DI Leach	

Leach Batch: 33073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2816-12	SS05	Soluble	Solid	DI Leach	
890-2816-13	SS06	Soluble	Solid	DI Leach	
890-2816-14	SS07	Soluble	Solid	DI Leach	
890-2816-15	SS08	Soluble	Solid	DI Leach	
MB 880-33073/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-33073/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-33073/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Client: Ensolum Project/Site: Biash B Battery

Job ID: 890-2816-1

SDG: 03D2057016

HPLC/IC (Continued)

Leach Batch: 33073 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18462-A-11-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-18462-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 33348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2816-1	FS01	Soluble	Solid	300.0	33072
890-2816-2	FS02	Soluble	Solid	300.0	33072
890-2816-3	FS03	Soluble	Solid	300.0	33072
890-2816-4	FS04	Soluble	Solid	300.0	33072
890-2816-5	FS05	Soluble	Solid	300.0	33072
890-2816-6	FS06	Soluble	Solid	300.0	33072
890-2816-7	FS07	Soluble	Solid	300.0	33072
890-2816-8	FS08	Soluble	Solid	300.0	33072
890-2816-9	SW01	Soluble	Solid	300.0	33072
890-2816-10	SW02	Soluble	Solid	300.0	33072
890-2816-11	SW03	Soluble	Solid	300.0	33072
MB 880-33072/1-A	Method Blank	Soluble	Solid	300.0	33072
LCS 880-33072/2-A	Lab Control Sample	Soluble	Solid	300.0	33072
LCSD 880-33072/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	33072
890-2816-2 MS	FS02	Soluble	Solid	300.0	33072
890-2816-2 MSD	FS02	Soluble	Solid	300.0	33072

Analysis Batch: 33435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2816-12	SS05	Soluble	Solid	300.0	33073
890-2816-13	SS06	Soluble	Solid	300.0	33073
890-2816-14	SS07	Soluble	Solid	300.0	33073
890-2816-15	SS08	Soluble	Solid	300.0	33073
MB 880-33073/1-A	Method Blank	Soluble	Solid	300.0	33073
LCS 880-33073/2-A	Lab Control Sample	Soluble	Solid	300.0	33073
LCSD 880-33073/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	33073
880-18462-A-11-C MS	Matrix Spike	Soluble	Solid	300.0	33073
880-18462-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	33073

Client Sample ID: FS01 Lab Sample ID: 890-2816-1

Date Collected: 08/22/22 11:00 **Matrix: Solid** Date Received: 08/23/22 16:32

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	33517	09/01/22 09:48	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33694	09/04/22 10:59	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33715	09/04/22 20:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33176	08/29/22 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33000	08/25/22 16:27	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33012	08/27/22 05:22	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33072	08/26/22 14:46	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33348	08/30/22 21:36	CH	EET MID

Client Sample ID: FS02 Lab Sample ID: 890-2816-2

Date Collected: 08/22/22 11:10 Matrix: Solid Date Received: 08/23/22 16:32

Batch Dil Initial Final Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Prep 5035 33517 Total/NA 5.03 g 5 mL 09/01/22 09:48 MR EET MID Total/NA 8021B 5 mL 33694 09/04/22 11:19 **EET MID** Analysis 1 5 mL AJ Total/NA Total BTEX 33715 09/04/22 20:06 Analysis A.I **EET MID** 1 Total/NA Analysis 8015 NM 33176 08/29/22 10:06 SM **EET MID** Total/NA 33000 Prep 8015NM Prep 10.01 g 10 mL 08/25/22 16:27 DM EET MID Total/NA Analysis 8015B NM 1 uL 1 uL 33012 08/27/22 05:00 ΑJ **EET MID** Soluble 33072 KS Leach DI Leach 5.00 g 50 mL 08/26/22 14:46 **EET MID** Soluble Analysis 300.0 50 mL 50 mL 33348 08/30/22 21:43 СН **EET MID**

Client Sample ID: FS03 Lab Sample ID: 890-2816-3 Date Collected: 08/22/22 11:20

Date Received: 08/23/22 16:32

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	33517	09/01/22 09:48	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33694	09/04/22 11:40	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33715	09/04/22 20:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33176	08/29/22 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33000	08/25/22 16:27	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33012	08/27/22 03:33	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	33072	08/26/22 14:46	KS	EET MIC
Soluble	Analysis	300.0		1	50 mL	50 mL	33348	08/30/22 22:04	CH	EET MID

Lab Sample ID: 890-2816-4 **Client Sample ID: FS04** Date Collected: 08/22/22 11:30 Matrix: Solid

Date Received: 08/23/22 16:32

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	33517	09/01/22 09:48	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33694	09/04/22 12:00	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33715	09/04/22 20:06	AJ	EET MID

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SDG: 03D2057016

Client Sample ID: FS04

Project/Site: Biash B Battery

Client: Ensolum

Lab Sample ID: 890-2816-4

Matrix: Solid

Date Collected: 08/22/22 11:30 Date Received: 08/23/22 16:32

า	Prepared		
ber	or Analyzed	Analyst	Lab
6	08/29/22 10:06	SM	EET MID

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			33176	08/29/22 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33000	08/25/22 16:27	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33012	08/27/22 05:43	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33072	08/26/22 14:46	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33348	08/30/22 22:11	CH	EET MID

Client Sample ID: FS05 Lab Sample ID: 890-2816-5 **Matrix: Solid**

Date Collected: 08/23/22 09:30 Date Received: 08/23/22 16:32

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	33660	09/02/22 15:33	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33741	09/05/22 21:53	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33715	09/04/22 20:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33176	08/29/22 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33084	08/26/22 15:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33127	08/29/22 00:32	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	33072	08/26/22 14:46	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33348	08/30/22 22:31	CH	EET MID

Client Sample ID: FS06 Lab Sample ID: 890-2816-6

Date Collected: 08/23/22 09:35 **Matrix: Solid** Date Received: 08/23/22 16:32

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	33660	09/02/22 15:33	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33741	09/05/22 22:13	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33715	09/04/22 20:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33176	08/29/22 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33071	08/26/22 14:19	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33131	08/28/22 23:55	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33072	08/26/22 14:46	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33348	08/30/22 22:38	CH	EET MID

Lab Sample ID: 890-2816-7 **Client Sample ID: FS07**

Date Collected: 08/23/22 09:40 Date Received: 08/23/22 16:32

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	33660	09/02/22 15:33	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33741	09/05/22 22:34	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33715	09/04/22 20:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33176	08/29/22 10:06	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.00 g 1 uL	10 mL 1 uL	33071 33131	08/26/22 14:19 08/29/22 00:16	DM AJ	EET MID EET MID

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Client: Ensolum Project/Site: Biash B Battery

SDG: 03D2057016

Job ID: 890-2816-1

Client Sample ID: FS07

Date Collected: 08/23/22 09:40 Date Received: 08/23/22 16:32 Lab Sample ID: 890-2816-7

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	33072	08/26/22 14:46	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33348	08/30/22 22:45	CH	EET MID

Client Sample ID: FS08 Lab Sample ID: 890-2816-8

Date Collected: 08/23/22 09:45

Matrix: Solid

Date Received: 08/23/22 16:32

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	33660	09/02/22 15:33	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33741	09/05/22 22:54	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33715	09/04/22 20:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33176	08/29/22 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33071	08/26/22 14:19	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33131	08/29/22 00:37	AJ	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	33072	08/26/22 14:46	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33348	08/30/22 22:52	CH	EET MID

Client Sample ID: SW01 Lab Sample ID: 890-2816-9

Date Collected: 08/22/22 11:40 Date Received: 08/23/22 16:32

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	33517	09/01/22 09:48	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33694	09/04/22 12:21	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33715	09/04/22 20:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33176	08/29/22 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33000	08/25/22 16:27	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33012	08/27/22 04:17	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	33072	08/26/22 14:46	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33348	08/30/22 22:59	CH	EET MID

Client Sample ID: SW02 Lab Sample ID: 890-2816-10

Date Collected: 08/22/22 11:50 Date Received: 08/23/22 16:32

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	33517	09/01/22 09:48	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33694	09/04/22 12:41	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33715	09/04/22 20:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33176	08/29/22 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33000	08/25/22 16:27	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33012	08/27/22 03:55	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	33072	08/26/22 14:46	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33348	08/30/22 23:05	CH	EET MID

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Job ID: 890-2816-1

Client: Ensolum Project/Site: Biash B Battery SDG: 03D2057016

Client Sample ID: SW03 Lab Sample ID: 890-2816-11 Date Collected: 08/23/22 12:30

Matrix: Solid

Date Received: 08/23/22 16:32

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	33660	09/02/22 15:33	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33741	09/05/22 23:15	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33715	09/04/22 20:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33176	08/29/22 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33071	08/26/22 14:19	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33131	08/29/22 00:58	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33072	08/26/22 14:46	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33348	08/30/22 23:12	CH	EET MID

Client Sample ID: SS05 Lab Sample ID: 890-2816-12

Date Collected: 08/23/22 11:00 Matrix: Solid

Date Received: 08/23/22 16:32

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	33660	09/02/22 15:33	MR	EET MIC
Total/NA	Analysis	8021B		1	5 mL	5 mL	33741	09/05/22 23:35	AJ	EET MIC
Total/NA	Analysis	Total BTEX		1			33715	09/04/22 20:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33176	08/29/22 10:06	SM	EET MIC
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33061	08/26/22 13:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33016	08/27/22 02:03	SM	EET MIC
Soluble	Leach	DI Leach			4.98 g	50 mL	33073	08/26/22 14:49	KS	EET MI
Soluble	Analysis	300.0		1	50 mL	50 mL	33435	09/01/22 08:44	CH	EET MI

Client Sample ID: SS06 Lab Sample ID: 890-2816-13 Date Collected: 08/23/22 11:10

Date Received: 08/23/22 16:32

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	33660	09/02/22 15:33	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33741	09/05/22 23:56	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33715	09/04/22 20:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33176	08/29/22 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33061	08/26/22 13:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33016	08/27/22 02:24	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	33073	08/26/22 14:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33435	09/01/22 08:51	CH	EET MID

Client Sample ID: SS07 Lab Sample ID: 890-2816-14 Date Collected: 08/23/22 11:20 **Matrix: Solid**

Date Received: 08/23/22 16:32

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	33660	09/02/22 15:33	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33741	09/06/22 00:16	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33715	09/04/22 20:06	AJ	EET MID

Eurofins Carlsbad

Page 35 of 43

Client: Ensolum

Job ID: 890-2816-1 Project/Site: Biash B Battery SDG: 03D2057016

Client Sample ID: SS07 Lab Sample ID: 890-2816-14

Date Collected: 08/23/22 11:20 Matrix: Solid Date Received: 08/23/22 16:32

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			33176	08/29/22 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33061	08/26/22 13:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33016	08/27/22 03:06	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	33073	08/26/22 14:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33435	09/01/22 08:58	CH	EET MID

Client Sample ID: SS08 Lab Sample ID: 890-2816-15

Date Collected: 08/23/22 11:30 Matrix: Solid

Date Received: 08/23/22 16:32

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	33660	09/02/22 15:33	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33741	09/06/22 00:36	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			33715	09/04/22 20:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33176	08/29/22 10:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33061	08/26/22 13:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33016	08/27/22 02:45	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33073	08/26/22 14:49	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33435	09/01/22 09:06	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Ensolum Job ID: 890-2816-1 Project/Site: Biash B Battery SDG: 03D2057016

Laboratory: Eurofins Midland

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

Authority	Pr	ogram	Identification Number	Expiration Date
Texas	NE	ELAP	T104704400-22-24	06-30-23
The following analytes	are included in this report, but	it the laboratory is not certific	ed by the governing authority. This list ma	av include analytes fo
the agency does not of	• •	it the laboratory is not certific	su by the governing authority. This list his	ay include analytes to
,	• •	Matrix	Analyte	ay include analytes to
the agency does not of	fer certification.	,	, , ,	ay illicitude allalytes lo

Method Summary

Client: Ensolum

Project/Site: Biash B Battery

Job ID: 890-2816-1

SDG: 03D2057016

Method	Method Description	Protocol	Laboratory
3021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
3015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
3015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
I Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Ensolum

Project/Site: Biash B Battery

Job ID: 890-2816-1 SDG: 03D2057016

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2816-1	FS01	Solid	08/22/22 11:00	08/23/22 16:32	2
890-2816-2	FS02	Solid	08/22/22 11:10	08/23/22 16:32	2
890-2816-3	FS03	Solid	08/22/22 11:20	08/23/22 16:32	2
890-2816-4	FS04	Solid	08/22/22 11:30	08/23/22 16:32	2
890-2816-5	FS05	Solid	08/23/22 09:30	08/23/22 16:32	2
890-2816-6	FS06	Solid	08/23/22 09:35	08/23/22 16:32	2
890-2816-7	FS07	Solid	08/23/22 09:40	08/23/22 16:32	2
890-2816-8	FS08	Solid	08/23/22 09:45	08/23/22 16:32	3
890-2816-9	SW01	Solid	08/22/22 11:40	08/23/22 16:32	0 - 3
890-2816-10	SW02	Solid	08/22/22 11:50	08/23/22 16:32	0 - 3
890-2816-11	SW03	Solid	08/23/22 12:30	08/23/22 16:32	0 - 2
890-2816-12	SS05	Solid	08/23/22 11:00	08/23/22 16:32	0.5
890-2816-13	SS06	Solid	08/23/22 11:10	08/23/22 16:32	0.5
890-2816-14	SS07	Solid	08/23/22 11:20	08/23/22 16:32	0.5
890-2816-15	SS08	Solid	08/23/22 11:30	08/23/22 16:32	0.5

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Chain of Custody

Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794 Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300

Work Order No:

Environment Testing

3-3199	2
	www.xenco.com Page of 6
	Work Order Comments
	Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
	State of Project:
	Reporting: Level II Level III PST/UST TRRP Level IV
	Deliverables: EDD ☐ ADaPT ☐ Other:
VOIS DECLIEST	Direct Direction Codes

Sampler's Name: Project Location: Project Number: Project Name:

Lea County, NM Gilbert Moreno

> Due Date: ✓ Routine

5 Day TAT

Cool: Cool

MeOH: Me HNO₃: HN

None: NO

DI Water: H₂O

Code

City, State ZIP:

Carlsbad, NM 88220

3122 National Parks HWY

817-683-2503

Email: kiennings@ensolum.com, jadams@ensolum.com

City, State ZIP:

Carlsbad, NM 88220 3122 National Parks HWY Company Name: Bill to: (if different)

Ensolum

Kalei Jennings

Address:

Biash B Battery 03D2057016

Turn Around Rush

Project Manager: Company Name:

Kalei Jennings

Ensolum

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		4								
		1632	m Cc	8 23 22	00		A T	JUR (Moras
Date/Time	Received by: (Signature)	Relinquished by: (Signature)	ſime	Date/Time		ture)	Received by (Signature	Receive	(e)	Relinquished by: (Signature)
	ses are due to circumstances beyond the control terms will be enforced unless previously negotiated.		s or expenses i	or any losse	ponsibility for each sai	ume any res charge of \$5	nd shall not ass h project and a c	st of samples a applied to eaci	e only for the co of \$85.00 will be	of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the cilent if such los of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These
	ctors. It assigns standard terms and conditions	nco, its affiliates and subcontractors. It assigns t	to Eurofins Xei	nt company	der from cli	purchase or	stitutes a valid	of samples cor	relinquishment	Notice: Signature of this document and relinguishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontra
7470 / 7471	g TI U Hg: 1631 / 245.1 / 7470 / 7471	TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U	Ba Be C	A Sb As): 8RCR	PLP 6010	TCLP / S	zed) to be analy	Circle Method(s) and Metal(s) to be analyzed
Sn U V Zn	K Se /	Cd Ca Cr Co Cu Fe Pb Mg Mn	Ba Be B	Al Sb As		PM Tex	8RCRA 13PPM Texas 11	8	200.8 / 6020:	Total 200.7 / 6010 200
			×	×	Comp 1	0-3'	11:50	8.22.22	S	SW02
			×	×	Comp	0-3'	11:40	8.22.22	S	SW01
			×	×	Comp	3	9.45	8.23.22	တ	FS08
			×	×	Comp 1	2'	9:40	8.23.22	S	FS07
			×	×	Comp 1	2.	9:35	8.23.22	S	FS06
			×	×	Comp	2.	9:30	8.23.22	S	FS05
NAPP2211143447	Z		×	×	Comp	2.	11:30	8.22.22	S	FS04
Incident Numbers	Inc		×	×	Comp 1	2'	11:20	8.22.22	S	FS03
			×	×	Comp	2'	11:10	8.22.22	S	FS02
			×	×	Comp	21	11:00	8.22.22	တ	FS01
Sample Comments	Sal		TPH BTE	ÇHL0	Comp Cont	Depth	Sampled	Sampled	Matrix	Sample Identification
			_		+-	1	Consociation Compensations	Collected		Clai Containcia.
NaOH+Ascorbic Acid: SAPC	NaOH+A		_)ES		ול	emperature.	Corrected T		
Zn Acetate+NaOH: Zn	Zn Aceta	890-2816 Chain of Custody		S (E	7	J	e Reading:	Temperature Reading:	NO NIA	Sample Custody Seals: Yes
NaSO ₃	Na ₂ S ₂ O ₃ : NaSO ₃					1000	-actor:	Correction Factor	NO NIA	Cooler Custody Seals: Yes
NABIS	NaHSO4: NABIS		_	_	21	E(M,O	er ID:	Thermometer ID:	Yes No	Samples Received Intact:
₽	H₃PO₄: HP				o nete	Yes	Wet Ice: (Yes No	Temp Blank:	SAMPLE RECEIPT 1
2 NaCH: Na	H ₂ SO ₄ : H ₂				<u>. </u>	eived by 4:	the lab, if received by 4:30pm			CC#
	HCL: HC		_		ed by	e day receiv	TAT starts the day received by	9	Gilbert Moreno	Sampler's Name:

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Revised Date: 08/25/2020 Rev. 2020 2

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eurofins **Environment Testing**

Phone:

City, State ZIP:

Project Manager: Company Name:

Project Name:

SAMPLE RECEIPT

Sampler's Name: Project Location: Project Number

Samples Received Intact:

Sample Custody Seals: Cooler Custody Seals:

Chain of Custody

Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334 Hobbs, NM (575) 392 EL Paso, TX (915) 58 Houston, TX (281) 240-4200, Dailas, TX (214) 902-0300

Work Order No:

roject Manager: Kalei Jennings				Bill to: (if different)	rent)	Kalei	Kalei Jennings		Work Ord	Work Order Comments
				Company Name:	me:	Ensolum	ž		Program: UST/PST PRP Br	Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
	Parks H	NΥ		Address:		31221	3122 National Parks HWY	IWY	State of Project:	
e ZIP:	88220			City, State ZIP:	. .	Carlsb	Carlsbad, NM 88220		Reporting: Level II Level III	Reporting: Level II
			Email:	Email: kjennings@ensolum.com,jadams@ensolum.com	ensolur	n.com.j	adams	um.com	Deliverables: EDD	ADaPT Other:
roject Name: Biash	Biash B Battery	<	Turn	Turn Around	-			ANALYSIS REQ	QUEST	Preservative Codes
97.	03D2057016		✓ Routine	Rush	Pres. Code					None: NO DI Water: H ₂ O
roject Location: Lea Co	Lea County, NM	≤	Due Date:	5 Day TAT						Cool: Cool MeOH: Me
	Gilbert Moreno	0	TAT starts the	TAT starts the day received by	Þγ					HCL: HC HNO3: HN
Ċ#			the lab, if rec	the lab, if received by 4:30pm	_					H ₂ S0 ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT Temp Blank:	Slank:	Yes No	Wet Ice:	Yes No	nete	.0)				H ₃ PO ₄ : HP
amples Received Intact: Yes		Thermometer ID	er ID:		ran	300				NaHSO ₄ : NABIS
cooler Custody Seals: Yes No		N/A Correction Factor	Factor()	ر ا	Pa	PA:				Na ₂ S ₂ O ₃ : NaSO ₃
ample Custody Seals: Yes No	N/A	Temperature Reading	re Reading:		L	S (E				Zn Acetate+NaOH: Zn
otal Containers:		Corrected T	Corrected Temperature:		<u></u>	IDE)15)			NaOH+Ascorbic Acid: SAPC
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth Grab/	mp Cont	CHLOR	TPH (8			Sample Comments
· SW03	S	8.23.22	12:30	0-2' Comp	mp 1	×	×			
· SS05	S	8.23.22	11:00	0.5' Comp	ᇕ	×	×			
SS06	တ	8.23.22	11:10		mp 1	×	×			Incident Numbers
SS07	S	8.23.22	11:20	0.5' Comp	mp 1	×	×			NAPP2211143447
SS08	S	8.23.22	11:30	0.5' Comp	3	×	×			
			2	\	+					
			- mar	T D						
			10		1					
			,							
Total 200.7 / 6010 200.8 / 6020:	020:	<u> </u>	8RCRA 13F	13PPM Texas	Texas 11 Al	Sb As Ba Be	Ва	Cd Ca Cr Co Cu Fe Pb	Mg Mn Mo Ni K Se Ag SiO ₂	₂ Na Sr Tl Sn U V Zn
Met	e analyz		TCLP / S	•	8RCRA		s Ba	Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag	TI U	Hg: 1631 / 245.1 / 7470 / 7471

Login Sample Receipt Checklist

 Client: Ensolum
 Job Number: 890-2816-1

 SDG Number: 03D2057016

List Source: Eurofins Carlsbad

Login Number: 2816 List Number: 1 Creator: Clifton, Cloe

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 <6mm (1/4").	N/A	

Released to Imaging: 10/13/2022 12:38:49 PM

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Login Sample Receipt Checklist

 Client: Ensolum
 Job Number: 890-2816-1

 SDG Number: 03D2057016

List Source: Eurofins Midland List Creation: 08/25/22 10:42 AM

List Number: 2 Creator: Rodriguez, Leticia

Login Number: 2816

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

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<6mm (1/4").



Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad 1089 N Canal St. Carlsbad, NM 88220 Tel: (575)988-3199

Laboratory Job ID: 890-3064-1

Laboratory Sample Delivery Group: 03D2057004

Client Project/Site: Baish B

Revision: 1

For:

Ensolum 705 W. Wadley Suite 210 Midland, Texas 79701

Attn: Josh Adams

MEAMER

Authorized for release by: 10/4/2022 12:06:55 PM

Jessica Kramer, Project Manager (432)704-5440

Jessica.Kramer@et.eurofinsus.com

Visit us at:

..... LINKS

EOL

Have a Question?

Review your project results through

www.eurofinsus.com/Env
Released to Imaging: 10/13/2022 12:38:49 PM

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Client: Ensolum
Project/Site: Baish B
Laboratory Job ID: 890-3064-1
SDG: 03D2057004

Table of Contents

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QC Association Summary	14
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Eurofins Carlsbad 10/4/2022 (Rev. 1)

Definitions/Glossary

Client: Ensolum Job ID: 890-3064-1
Project/Site: Baish B SDG: 03D2057004

02057004

Qualifiers

GC VOA

Qualifier Description

S1+ Surrogate recovery exceeds control limits, high biased.
U Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier Qualifier Description

S1+ Surrogate recovery exceeds control limits, high biased.
U Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier Qualifier Description

U Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

Eisted under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery
CFL Contains Free Liquid
CFU Colony Forming Unit
CNF Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac Dilution Factor

DL Detection Limit (DoD/DOE)

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

DLC Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin)

LOD Limit of Detection (DoD/DOE)

LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level"

MDA Minimum Detectable Activity (Radiochemistry)

MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit
ML Minimum Level (Dioxin)
MPN Most Probable Number
MQL Method Quantitation Limit

NC Not Calculated

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

NEG Negative / Absent
POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive
QC Quality Control

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

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

TEF Toxicity Equivalent Factor (Dioxin)
TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Case Narrative

Client: Ensolum Job ID: 890-3064-1
Project/Site: Baish B SDG: 03D2057004

Job ID: 890-3064-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-3064-1

REVISION

The report being provided is a revision of the original report sent on 9/30/2022. The report (revision 1) is being revised due to Per client email, requesting sample ID names changed.

Report revision history

Receipt

The samples were received on 9/26/2022 12:43 PM. 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 4.8°C

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-19347-A-7-G MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SW05 (890-3064-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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.

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Matrix: Solid

Lab Sample ID: 890-3064-1

Client: Ensolum Job ID: 890-3064-1
Project/Site: Baish B SDG: 03D2057004

Client Sample ID: FS05A

Date Collected: 09/23/22 12:00 Date Received: 09/26/22 12:43

Sample Depth: 3

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		09/30/22 07:58	09/30/22 13:08	1
Toluene	<0.00200	U	0.00200	mg/Kg		09/30/22 07:58	09/30/22 13:08	1
Ethylbenzene	< 0.00200	U	0.00200	mg/Kg		09/30/22 07:58	09/30/22 13:08	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		09/30/22 07:58	09/30/22 13:08	1
o-Xylene	0.0829		0.00200	mg/Kg		09/30/22 07:58	09/30/22 13:08	1
Xylenes, Total	0.0829		0.00401	mg/Kg		09/30/22 07:58	09/30/22 13:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130			09/30/22 07:58	09/30/22 13:08	1
1,4-Difluorobenzene (Surr)	79		70 - 130			09/30/22 07:58	09/30/22 13:08	1
- Method: Total BTEX - Total	BTEX Calcula	tion						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0829		0.00401	mg/Kg			09/30/22 13:51	1

Method: 8015 NM - Diesel Ran	ge Organics (DRO) (G	C)					
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	96.4	50.0	mg/Kg			09/28/22 09:15	1

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		09/27/22 11:43	09/28/22 05:28	1
Diesel Range Organics (Over C10-C28)	96.4		50.0	mg/Kg		09/27/22 11:43	09/28/22 05:28	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		09/27/22 11:43	09/28/22 05:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130			09/27/22 11:43	09/28/22 05:28	1
o-Terphenyl	119		70 - 130			09/27/22 11:43	09/28/22 05:28	1

Method: 300.0 - Anions, ion Cr	iromatograpny - Solubi	e					
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.5	5.00	mg/Kg			09/27/22 23:12	1

Client Sample ID: FS06A

Date Collected: 09/23/22 12:05

Date Received: 09/26/22 12:43

Lab Sample ID: 890-3064-2

Matrix: Solid

Sample Depth: 3

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		09/30/22 07:58	09/30/22 13:29	1
Toluene	<0.00200	U	0.00200	mg/Kg		09/30/22 07:58	09/30/22 13:29	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		09/30/22 07:58	09/30/22 13:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		09/30/22 07:58	09/30/22 13:29	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		09/30/22 07:58	09/30/22 13:29	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		09/30/22 07:58	09/30/22 13:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130			09/30/22 07:58	09/30/22 13:29	1

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Matrix: Solid

Lab Sample ID: 890-3064-2

Client: Ensolum Job ID: 890-3064-1 Project/Site: Baish B SDG: 03D2057004

Client Sample ID: FS06A

Date Collected: 09/23/22 12:05 Date Received: 09/26/22 12:43

Sample Depth: 3

Method: 8021B - Volatile	Organic Comp	pounds (GC)	(Continued)

Surrogate	%Recovery Qualifier	Limits	Prepared Analyzo	ed Dil Fac
1,4-Difluorobenzene (Surr)	95	70 - 130	09/30/22 07:58 09/30/22 1	13:29 1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			09/30/22 13:51	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			09/28/22 09:15	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		09/27/22 11:43	09/28/22 05:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		09/27/22 11:43	09/28/22 05:49	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		09/27/22 11:43	09/28/22 05:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106	70 - 130	09/27/22 11:43	09/28/22 05:49	1
o-Terphenyl	112	70 - 130	09/27/22 11:43	09/28/22 05:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.6	4.97	mg/Kg			09/27/22 23:26	1

Lab Sample ID: 890-3064-3 **Client Sample ID: SW04 Matrix: Solid**

Date Collected: 09/23/22 12:10 Date Received: 09/26/22 12:43

Sample Depth: 0 - 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		09/30/22 07:58	09/30/22 13:49	1
Toluene	<0.00199	U	0.00199	mg/Kg		09/30/22 07:58	09/30/22 13:49	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		09/30/22 07:58	09/30/22 13:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		09/30/22 07:58	09/30/22 13:49	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		09/30/22 07:58	09/30/22 13:49	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		09/30/22 07:58	09/30/22 13:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130			09/30/22 07:58	09/30/22 13:49	1
1,4-Difluorobenzene (Surr)	92		70 - 130			09/30/22 07:58	09/30/22 13:49	1

Mothod:	Total RTE	Y - Total	RTEY (Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			09/30/22 13:51	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg	_		09/28/22 09:15	1

Job ID: 890-3064-1 SDG: 03D2057004

Client Sample ID: SW04

Date Collected: 09/23/22 12:10 Date Received: 09/26/22 12:43

Sample Depth: 0 - 3

Project/Site: Baish B

Client: Ensolum

Lab Sample ID: 890-3064-3

Matrix: Solid

Method: 8015B NM - Diesel R	ange Organi	ics (DRO)	(GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		09/27/22 11:43	09/28/22 04:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		09/27/22 11:43	09/28/22 04:45	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		09/27/22 11:43	09/28/22 04:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130			09/27/22 11:43	09/28/22 04:45	1
o-Terphenyl	111		70 - 130			09/27/22 11:43	09/28/22 04:45	1
Method: 300.0 - Anions, Ion C	hromatogra	phy - Solι	ıble					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.9		4.98	mg/Kg			09/27/22 23:31	1

Lab Sample ID: 890-3064-4 **Client Sample ID: SW05** Date Collected: 09/23/22 12:15 **Matrix: Solid**

Date Received: 09/26/22 12:43

Sample Depth: 0 - 3

Method: 8021B - Volatile Orga								
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		09/30/22 07:58	09/30/22 15:12	1
Toluene	< 0.00201	U	0.00201	mg/Kg		09/30/22 07:58	09/30/22 15:12	1
Ethylbenzene	< 0.00201	U	0.00201	mg/Kg		09/30/22 07:58	09/30/22 15:12	1
m-Xylene & p-Xylene	< 0.00402	U	0.00402	mg/Kg		09/30/22 07:58	09/30/22 15:12	1
o-Xylene	< 0.00201	U	0.00201	mg/Kg		09/30/22 07:58	09/30/22 15:12	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		09/30/22 07:58	09/30/22 15:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130			09/30/22 07:58	09/30/22 15:12	1
1,4-Difluorobenzene (Surr)	100		70 - 130			09/30/22 07:58	09/30/22 15:12	1
Method: Total BTEX - Total B	TEX Calcula	tion						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Allalyto	ittoouit	Qualifici		0	_	opa.oa		
Total BTEX	<0.00402		0.00402	mg/Kg	_ =		09/30/22 13:51	1
Total BTEX Method: 8015 NM - Diesel Rar	<0.00402	U S (DRO) (0	0.00402 GC)	mg/Kg		<u> </u>	09/30/22 13:51	·
Total BTEX Method: 8015 NM - Diesel Rar Analyte	<0.00402 nge Organic Result	s (DRO) (O	0.00402 GC)	mg/Kg	 	Prepared	09/30/22 13:51 Analyzed	Dil Fac
Total BTEX Method: 8015 NM - Diesel Rar	<0.00402	s (DRO) (O	0.00402 GC)	mg/Kg		<u> </u>	09/30/22 13:51	·
Total BTEX Method: 8015 NM - Diesel Rar Analyte	<0.00402 nge Organic Result <49.9	S (DRO) (C Qualifier	0.00402 GC) RL 49.9	mg/Kg		<u> </u>	09/30/22 13:51 Analyzed	Dil Fac
Total BTEX Method: 8015 NM - Diesel Rar Analyte Total TPH	<0.00402 nge Organic Result <49.9 ange Organ	S (DRO) (C Qualifier	0.00402 GC) RL 49.9	mg/Kg		<u> </u>	09/30/22 13:51 Analyzed	Dil Fac
Total BTEX Method: 8015 NM - Diesel Rar Analyte Total TPH Method: 8015B NM - Diesel Rar	<0.00402 nge Organic Result <49.9 ange Organ	S (DRO) (O Qualifier U	0.00402 GC) RL 49.9	mg/Kg Unit mg/Kg	D	Prepared	09/30/22 13:51 Analyzed 09/28/22 09:15	Dil Fac
Method: 8015 NM - Diesel Rar Analyte Total TPH Method: 8015B NM - Diesel Rar Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<0.00402 nge Organic Result <49.9 ange Organ Result	S (DRO) (O Qualifier U ics (DRO) Qualifier U	0.00402 RL 49.9 (GC) RL	mg/Kg Unit mg/Kg Unit	D	Prepared Prepared	09/30/22 13:51 Analyzed 09/28/22 09:15 Analyzed	Dil Fac
Total BTEX Method: 8015 NM - Diesel Rar Analyte Total TPH Method: 8015B NM - Diesel Rar Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<0.00402 nge Organic Result <49.9 ange Organ Result <49.9 <49.9	S (DRO) (O Qualifier U Gualifier U Gualifi	0.00402 RL 49.9 (GC) RL 49.9 49.9	mg/Kg Unit mg/Kg Unit mg/Kg	D	Prepared Prepared 09/27/22 11:43 09/27/22 11:43	09/30/22 13:51 Analyzed 09/28/22 09:15 Analyzed 09/28/22 05:07 09/28/22 05:07	Dil Fac Dil Fac 1
Method: 8015 NM - Diesel Rar Analyte Total TPH Method: 8015B NM - Diesel Rar Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<0.00402 nge Organic Result <49.9 ange Organ Result <49.9	S (DRO) (O Qualifier U Gualifier U Gualifi	0.00402 RL 49.9 (GC) RL 49.9	mg/Kg Unit mg/Kg Unit mg/Kg	D	Prepared Prepared 09/27/22 11:43	09/30/22 13:51 Analyzed 09/28/22 09:15 Analyzed 09/28/22 05:07 09/28/22 05:07	Dil Fac Dil Fac 1
Total BTEX Method: 8015 NM - Diesel Rar Analyte Total TPH Method: 8015B NM - Diesel Rar Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<0.00402 nge Organic Result <49.9 ange Organ Result <49.9 <49.9	S (DRO) (O Qualifier U Gualifier U U U U	0.00402 RL 49.9 (GC) RL 49.9 49.9	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg	D	Prepared Prepared 09/27/22 11:43 09/27/22 11:43	09/30/22 13:51 Analyzed 09/28/22 09:15 Analyzed 09/28/22 05:07 09/28/22 05:07	Dil Fac Dil Fac 1 1 1
Total BTEX Method: 8015 NM - Diesel Rar Analyte Total TPH Method: 8015B NM - Diesel Rar Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<0.00402 nge Organic Result <49.9 <49.9 <49.9	S (DRO) (O Qualifier U Gualifier U U U U	0.00402 RL 49.9 (GC) RL 49.9 49.9 49.9	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg	D	Prepared Prepared 09/27/22 11:43 09/27/22 11:43	09/30/22 13:51 Analyzed 09/28/22 09:15 Analyzed 09/28/22 05:07 09/28/22 05:07	Dil Fac Dil Fac 1

Client Sample Results

 Client: Ensolum
 Job ID: 890-3064-1

 Project/Site: Baish B
 SDG: 03D2057004

Client Sample ID: SW05 Lab Sample ID: 890-3064-4

Date Collected: 09/23/22 12:15

Date Received: 09/26/22 12:43

Matrix: Solid

Sample Depth: 0 - 3

Method: 300.0 - Anions, Ion C	hromatography - Solub	le					
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.0	5.02	mg/Kg			09/27/22 23:36	1

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Surrogate Summary

Client: Ensolum Job ID: 890-3064-1 SDG: 03D2057004 Project/Site: Baish B

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

			Pero	cent Surrogate Rec
		BFB1	DFBZ1	-
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-19347-A-7-F MS	Matrix Spike	118	105	
880-19347-A-7-G MSD	Matrix Spike Duplicate	133 S1+	102	
890-3064-1	FS05A	105	79	
890-3064-2	FS06A	116	95	
890-3064-3	SW04	109	92	
890-3064-4	SW05	105	100	
LCS 880-35745/1-A	Lab Control Sample	120	102	
LCSD 880-35745/2-A	Lab Control Sample Dup	128	95	
MB 880-35745/5-A	Method Blank	104	87	
Surrogate Legend				
BFB = 4-Bromofluorobenze	ene (Surr)			
DFBZ = 1,4-Difluorobenzer	ne (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

			Percent Surrog	gate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-3046-A-1-E MS	Matrix Spike	106	99	
890-3046-A-1-F MSD	Matrix Spike Duplicate	95	89	
890-3064-1	FS05A	114	119	
890-3064-2	FS06A	106	112	
890-3064-3	SW04	109	111	
890-3064-4	SW05	122	131 S1+	
LCS 880-35513/2-A	Lab Control Sample	98	102	
LCSD 880-35513/3-A	Lab Control Sample Dup	114	124	
MB 880-35513/1-A	Method Blank	109	112	

Surrogate Legend

1CO = 1-Chlorooctane OTPH = o-Terphenyl

Client: Ensolum Job ID: 890-3064-1 Project/Site: Baish B SDG: 03D2057004

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-35745/5-A

Matrix: Solid

Analysis Batch: 35744

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35745

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		09/30/22 07:58	09/30/22 10:23	1
Toluene	<0.00200	U	0.00200	mg/Kg		09/30/22 07:58	09/30/22 10:23	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		09/30/22 07:58	09/30/22 10:23	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		09/30/22 07:58	09/30/22 10:23	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		09/30/22 07:58	09/30/22 10:23	1
Xylenes, Total	< 0.00401	U	0.00401	mg/Kg		09/30/22 07:58	09/30/22 10:23	1

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104	70 - 130	09/30/22 07:58	09/30/22 10:23	1
1,4-Difluorobenzene (Surr)	87	70 - 130	09/30/22 07:58	09/30/22 10:23	1

Lab Sample ID: LCS 880-35745/1-A

Matrix: Solid

Analysis Batch: 35744

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 35745

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits Benzene 70 - 130 0.100 0.08346 mg/Kg 83 Toluene 0.100 0.07921 mg/Kg 79 70 - 130 Ethylbenzene 0.100 0.08765 mg/Kg 88 70 - 130 0.200 90 m-Xylene & p-Xylene 0.1803 mg/Kg 70 - 130 o-Xylene 0.100 0.1018 mg/Kg 102 70 - 130

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-35745/2-A

Matrix: Solid

Analysis Batch: 35744

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

Prep Batch: 35745

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.07504		mg/Kg		75	70 - 130	11	35	
Toluene	0.100	0.08078		mg/Kg		81	70 - 130	2	35	
Ethylbenzene	0.100	0.08938		mg/Kg		89	70 - 130	2	35	
m-Xylene & p-Xylene	0.200	0.1897		mg/Kg		95	70 - 130	5	35	
o-Xylene	0.100	0.1078		mg/Kg		108	70 - 130	6	35	

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	128		70 - 130
1.4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-19347-A-7-F MS

Matrix: Solid

Analysis Batch: 35744

Client Sample ID: Matrix Spike Prep Type: Total/NA

Prep Batch: 35745

,										
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.0998	0.08818		mg/Kg	_	88	70 - 130	
Toluene	< 0.00200	U	0.0998	0.08271		ma/Ka		83	70 - 130	

Client: Ensolum Job ID: 890-3064-1 SDG: 03D2057004 Project/Site: Baish B

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

Lab Sample ID: 880-19347-A-7-F MS **Client Sample ID: Matrix Spike Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 35744

MS MS %Rec Sample Sample Spike Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Ethylbenzene <0.00200 U 0.0998 0.08821 mg/Kg 88 70 - 130 m-Xylene & p-Xylene <0.00399 U 0.200 0.1806 mg/Kg 90 70 - 130 o-Xylene <0.00200 U 0.0998 0.1019 mg/Kg 102 70 - 130

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-19347-A-7-G MSD **Client Sample ID: Matrix Spike Duplicate**

Matrix: Solid

Prep Type: Total/NA

Prep Batch: 35745

Prep Batch: 35745

Analysis Batch: 35744

Sample Sample Spike MSD MSD %Rec **RPD** Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limit Benzene <0.00200 U 0.0996 0.08390 84 70 - 130 5 35 mg/Kg Toluene <0.00200 U 0.0996 0.08269 83 70 - 130 35 mg/Kg 0 Ethylbenzene <0.00200 U 0.0996 0.09357 mg/Kg 94 70 - 130 6 35 m-Xylene & p-Xylene <0.00399 U 0.199 0.1984 mg/Kg 100 70 - 130 9 35 <0.00200 U 0.0996 o-Xylene 0.1133 mg/Kg 114 70 - 13011

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-35513/1-A

Matrix: Solid

Analysis Batch: 35458

Client Sample ID: Method Blank Prep Type: Total/NA Prep Batch: 35513

MB MB Analyte Result Qualifier RL Unit **Prepared** Analyzed Dil Fac Gasoline Range Organics <50.0 U 50.0 09/27/22 11:43 09/27/22 20:58 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 09/27/22 11:43 09/27/22 20:58 C10-C28) Oll Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 09/27/22 11:43 09/27/22 20:58

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	09/27/22 11:43	09/27/22 20:58	1
o-Terphenyl	112		70 - 130	09/27/22 11:43	09/27/22 20:58	1

Lab Sample ID: LCS 880-35513/2-A

Matrix: Solid

Analysis Batch: 35458

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

Prep Batch: 35513

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	820.1		mg/Kg		82	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	1005		mg/Kg		100	70 - 130	
C10-C28)								

Client: Ensolum Job ID: 890-3064-1 SDG: 03D2057004 Project/Site: Baish B

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-35513/2-A

Matrix: Solid

Analysis Batch: 35458

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35513

LCS LCS %Recovery Qualifier Limits Surrogate 1-Chlorooctane 98 70 - 130 o-Terphenyl 102 70 - 130

Lab Sample ID: LCSD 880-35513/3-A

Lab Sample ID: 890-3046-A-1-E MS

Matrix: Solid

Analysis Batch: 35458

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 35513

LCSD LCSD RPD %Rec Spike Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Gasoline Range Organics 1000 897.0 mg/Kg 90 70 - 130 9 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1217 mg/Kg 122 70 - 130 19 20 C10-C28)

LCSD LCSD

Surrogate %Recovery Qualifier Limits 1-Chlorooctane 114 70 - 130 70 - 130 o-Terphenyl 124

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 35513

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Limits **Analyte** Unit D %Rec <50.0 U Gasoline Range Organics 998 914.1 mg/Kg 92 70 - 130 (GRO)-C6-C10 998 Diesel Range Organics (Over <50.0 U 1142 mg/Kg 114 70 - 130

C10-C28)

Matrix: Solid

Analysis Batch: 35458

MS MS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 70 - 130 106 o-Terphenyl 99 70 - 130

Lab Sample ID: 890-3046-A-1-F MSD Client Sample ID: Matrix Spike Duplicate

Analysis Batch: 35458

Matrix: Solid

Prep Type: Total/NA

Prep Batch: 35513 %Rec **RPD**

Sample Sample Spike MSD MSD Result Qualifier RPD Added Result Qualifier Limits Limit **Analyte** Unit %Rec Gasoline Range Organics <50.0 U 999 849.3 85 70 - 130 20 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 999 1043 mg/Kg 104 70 - 130 9 20

C10-C28)

MSD MSD

%Recovery Qualifier Limits Surrogate 1-Chlorooctane 95 70 - 130 o-Terphenyl 89 70 - 130

Client: Ensolum Job ID: 890-3064-1 Project/Site: Baish B

SDG: 03D2057004

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-35474/1-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 35539

MB MB Analyte Result Qualifier RL Unit D Analyzed Dil Fac Prepared 5.00 09/27/22 22:57 Chloride <5.00 U mg/Kg

Lab Sample ID: LCS 880-35474/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 35539

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit D %Rec Limits Chloride 250 237.8 90 - 110 mg/Kg 95

Lab Sample ID: LCSD 880-35474/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 35539

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Limits **RPD** Limit Unit D %Rec Chloride 250 238.6 20 mg/Kg

Lab Sample ID: 890-3064-1 MS Client Sample ID: FS05A **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 35539

Spike MS MS %Rec Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Chloride 250 246.1 90 - 110 20.5 mg/Kg

Lab Sample ID: 890-3064-1 MSD Client Sample ID: FS05A **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 35539

MSD MSD RPD Sample Sample Spike %Rec Analyte Result Qualifier Added Unit %Rec Limits RPD Result Qualifier Limit Chloride 20.5 250 247.3 91 20 mg/Kg 90 - 110 0

Client: Ensolum Job ID: 890-3064-1 Project/Site: Baish B SDG: 03D2057004

GC VOA

Analysis Batch: 35744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3064-1	FS05A	Total/NA	Solid	8021B	35745
890-3064-2	FS06A	Total/NA	Solid	8021B	35745
890-3064-3	SW04	Total/NA	Solid	8021B	35745
890-3064-4	SW05	Total/NA	Solid	8021B	35745
MB 880-35745/5-A	Method Blank	Total/NA	Solid	8021B	35745
LCS 880-35745/1-A	Lab Control Sample	Total/NA	Solid	8021B	35745
LCSD 880-35745/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	35745
880-19347-A-7-F MS	Matrix Spike	Total/NA	Solid	8021B	35745
880-19347-A-7-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	35745

Prep Batch: 35745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3064-1	FS05A	Total/NA	Solid	5035	
890-3064-2	FS06A	Total/NA	Solid	5035	
890-3064-3	SW04	Total/NA	Solid	5035	
890-3064-4	SW05	Total/NA	Solid	5035	
MB 880-35745/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-35745/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-35745/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-19347-A-7-F MS	Matrix Spike	Total/NA	Solid	5035	
880-19347-A-7-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 35818

Lab Sample ID 890-3064-1	Client Sample ID FS05A	Prep Type Total/NA	Matrix Solid	Method Total BTEX	Prep Batch
890-3064-2	FS06A	Total/NA	Solid	Total BTEX	
890-3064-3	SW04	Total/NA	Solid	Total BTEX	
890-3064-4	SW05	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 35458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3064-1	FS05A	Total/NA	Solid	8015B NM	35513
890-3064-2	FS06A	Total/NA	Solid	8015B NM	35513
890-3064-3	SW04	Total/NA	Solid	8015B NM	35513
890-3064-4	SW05	Total/NA	Solid	8015B NM	35513
MB 880-35513/1-A	Method Blank	Total/NA	Solid	8015B NM	35513
LCS 880-35513/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	35513
LCSD 880-35513/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	35513
890-3046-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	35513
890-3046-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	35513

Prep Batch: 35513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method F	Prep Batch
890-3064-1	FS05A	Total/NA	Solid	8015NM Prep	
890-3064-2	FS06A	Total/NA	Solid	8015NM Prep	
890-3064-3	SW04	Total/NA	Solid	8015NM Prep	
890-3064-4	SW05	Total/NA	Solid	8015NM Prep	
MB 880-35513/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-35513/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

Client: Ensolum Job ID: 890-3064-1 Project/Site: Baish B SDG: 03D2057004

GC Semi VOA (Continued)

Prep Batch: 35513 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-35513/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3046-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-3046-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 35565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3064-1	FS05A	Total/NA	Solid	8015 NM	
890-3064-2	FS06A	Total/NA	Solid	8015 NM	
890-3064-3	SW04	Total/NA	Solid	8015 NM	
890-3064-4	SW05	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 35474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3064-1	FS05A	Soluble	Solid	DI Leach	
890-3064-2	FS06A	Soluble	Solid	DI Leach	
890-3064-3	SW04	Soluble	Solid	DI Leach	
890-3064-4	SW05	Soluble	Solid	DI Leach	
MB 880-35474/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-35474/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-35474/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3064-1 MS	FS05A	Soluble	Solid	DI Leach	
890-3064-1 MSD	FS05A	Soluble	Solid	DI Leach	

Analysis Batch: 35539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3064-1	FS05A	Soluble	Solid	300.0	35474
890-3064-2	FS06A	Soluble	Solid	300.0	35474
890-3064-3	SW04	Soluble	Solid	300.0	35474
890-3064-4	SW05	Soluble	Solid	300.0	35474
MB 880-35474/1-A	Method Blank	Soluble	Solid	300.0	35474
LCS 880-35474/2-A	Lab Control Sample	Soluble	Solid	300.0	35474
LCSD 880-35474/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	35474
890-3064-1 MS	FS05A	Soluble	Solid	300.0	35474
890-3064-1 MSD	FS05A	Soluble	Solid	300.0	35474

Client: Ensolum Project/Site: Baish B

SDG: 03D2057004

Client Sample ID: FS05A

Lab Sample ID: 890-3064-1

Matrix: Solid

Job ID: 890-3064-1

Date Collected: 09/23/22 12:00 Date Received: 09/26/22 12:43

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	35745	09/30/22 07:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35744	09/30/22 13:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			35818	09/30/22 13:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			35565	09/28/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35513	09/27/22 11:43	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35458	09/28/22 05:28	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	35474	09/27/22 09:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	35539	09/27/22 23:12	CH	EET MID

Lab Sample ID: 890-3064-2

Matrix: Solid

Date Collected: 09/23/22 12:05

Date Received: 09/26/22 12:43

Client Sample ID: FS06A

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	35745	09/30/22 07:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35744	09/30/22 13:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			35818	09/30/22 13:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			35565	09/28/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	35513	09/27/22 11:43	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35458	09/28/22 05:49	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	35474	09/27/22 09:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	35539	09/27/22 23:26	CH	EET MID

Client Sample ID: SW04 Lab Sample ID: 890-3064-3 Date Collected: 09/23/22 12:10 **Matrix: Solid**

Date Received: 09/26/22 12:43

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	35745	09/30/22 07:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35744	09/30/22 13:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			35818	09/30/22 13:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			35565	09/28/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35513	09/27/22 11:43	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35458	09/28/22 04:45	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	35474	09/27/22 09:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	35539	09/27/22 23:31	CH	EET MID

Client Sample ID: SW05 Lab Sample ID: 890-3064-4 Date Collected: 09/23/22 12:15 Matrix: Solid

Date Received: 09/26/22 12:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	35745	09/30/22 07:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35744	09/30/22 15:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			35818	09/30/22 13:51	SM	EET MID

Lab Chronicle

Client: Ensolum Job ID: 890-3064-1
Project/Site: Baish B SDG: 03D2057004

Client Sample ID: SW05

Lab Sample ID: 890-3064-4

Matrix: Solid

Date Collected: 09/23/22 12:15 Date Received: 09/26/22 12:43

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			35565	09/28/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35513	09/27/22 11:43	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35458	09/28/22 05:07	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	35474	09/27/22 09:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	35539	09/27/22 23:36	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: Ensolum Job ID: 890-3064-1
Project/Site: Baish B SDG: 03D2057004

Laboratory: Eurofins Midland

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

Authority	Pro	ogram	Identification Number	Expiration Date
Texas	NE	ELAP	T104704400-22-24	06-30-23
The following analyte	s are included in this rend	ort but the laboratory is r	not certified by the governing authority.	This list may include analytes for y
the agency does not	•	ort, but the laboratory is i	lot certified by the governing authority.	This list may include analytes for v
,	•	Matrix	Analyte	This list may include analytes for v
the agency does not	offer certification.	•		This list may include analytes for v

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Method Summary

Client: Ensolum
Project/Site: Baish B

Job ID: 890-3064-1 SDG: 03D2057004

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Carlsbad

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Sample Summary

Client: Ensolum Project/Site: Baish B Job ID: 890-3064-1

SDG: 03D2057004

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-3064-1	FS05A	Solid	09/23/22 12:00	09/26/22 12:43	3
890-3064-2	FS06A	Solid	09/23/22 12:05	09/26/22 12:43	3
890-3064-3	SW04	Solid	09/23/22 12:10	09/26/22 12:43	0 - 3
890-3064-4	SW05	Solid	09/23/22 12:15	09/26/22 12:43	0 - 3

eurofins Environm	Environment Testing Mic	Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334	Work Order No:
Xenco	H	EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199	~
			www.xelico.com
t Manager: YOK HOO!	Bill to: (if different)		work Order Comments
any Name: Casolus	Company Name:		Program: UST/PST PRP Brownfields RRC Superfund
SSS: SILL WAT ATA	(KO20) City, State ZIP:		Reporting: Level II Level III PST/UST TRRP Level IV
703-	Email:		Deliverables: EDD ADaPT Other:
Name San S	Turn Around	ANALYSIS REQUEST	Preservative Codes
er:	Routine Rush	Pres. Code	None: NO DI Water: H ₂ O
ct Location: Lea Co	Due Date: 2 Day		Cool: Cool MeOH: Me
ler's Name:	TAT starts the day received by the lab, if received by 4:30pm		H ₂ S0 ₄ : H ₂ NaOH: Na
PLE RECEIPT Temp Blank: 5	Yes No Wet Ice: (Yes No	eters	H₃PO₁: HP
	Thermometer ID: NWOOT	aram	NaHSO 4: NABIS
er Custody Seals: Yes No (N/A) Co	Correction Factor:	890-3064 Chain of Custody	
	Ţ.	TA	-
dentification Matrix	Date Time Depth Comp	b/ #of	Sample Comments
5 9	12:00 34		
906	G-73 12:05 34 C		
otal 200.7 / 6010 200.8 / 6020: le Method(s) and Metal(s) to be analyzed	8RCR.	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb CRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo	Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Tl Sn U V Zn Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471
lignature of this document and relinquishment of samples. e. Eurofins Xenco will be liable only for the cost of samples. Ins Xenco. A minimum charge of \$85.00 will be applied to e.	constitutes a valid purchase order from client com s and shall not assume any responsibility for any lo each project and a charge of \$5 for each sample s	Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions (e.e. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control fins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously nego	d conditions the control viously negotiated.
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0/26/22 Date/Time

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Received by: (Signature)

Circle Method(s) and Metal(s) to be analyzed

Total 200.7 / 6010

200.8 / 6020:

8RCRA 13PPM Texas 11 Al Sb As Ba Be B

TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U

Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Tl Sn U V Zn

1631,

245.1 / 7470 / 7471

size: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Cooler Custody Seals:	Samples Received Intact:	SAMPLE RECEIPT	PO #:	Sampler's Name:	Project Location:	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:	Company Name:	Project Manager:	eurofins
Yes No N/A Correc	Yes No Therm	Temp Blank: Yes No											Environment Testing Xenco
Correction Factor:	Thermometer ID:	No Wet Ice: Yes	the lab, if received by 4:30pm	TAT starts the day received by	Due Date:	☐Routine ☐Rush	Turn Around	Email:	City,	Address:	Comp	Bill to	t Testing
Pa	aran	Zo	L	ived by		sh Code	ANALYSIS REQUEST		City, State ZIP:	S	Company Name:	Bill to: (if different)	Chain of Custody Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296 Hobbs, NM (575) 392-7550, Carisbad, NM (575) 988-3199
Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO 4: NABIS	H₃PO₄:HP	H ₂ SO ₄ : H ₂ NaOH: Na	HCL: HC HNO 3: HN	으	None: NO DI Water: H ₂ O	QUEST Preservative Codes	Deliverables: EDD ADaPT Other:	Level III PST/UST	State of Project:	Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund [Work Order Comments	Work Order No: www.xenco.com Page 2 of 3

Sample Comments

Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC

Total Containers: Sample Custody Seals:

Yes

N_O N/A

Corrected Temperature: Temperature Reading:

Sample Identification

Matrix

Sampled

770 Sampled Time

P

Date

Depth

of

Comp Grab/

Chain of Custody

Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199 Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300

Environment Testing
Xenco

							www.xenco.com Pa	rage of
Project Manager:				Bill to: (if different)	ent)		Work Order Comments	ents
Company Name:				Company Name:	ie:		Program: UST/PST PRP Brownfields	ds RRC Superfund
Address:				Address:			State of Project:	l
City, State ZIP:				City, State ZIP:			Reporting: Level II Level III PST/UST TRRP Level IV	TRRP Level IV
Phone:			Email:				Deliverables: EDD ADaPT	Other:
Project Name:			Turn	Turn Around		ANALYSIS REQUE	ST	Preservative Codes
Project Number:			Routine	Rush	Pres.		None	None: NO Di Water: H ₂ O
Project Location:			Due Date:				Cool: Cool	: Cool MeOH: Me
Sampler's Name:			TAT starts the	day received by			HCL: HC	HC HNO 3: HN
PO #:			the lab, If received by 4:30pm	ived by 4:30pm			H ₂ S0	H ₂ S0 ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet ke:	Yes No	eters		н₃ро	H ₃ PO ₄ : HP
Samples Received Intact:	Yes No	The randmeter ID:	r ID:		ram		NaHS	NaHSO 4: NABIS
Cooler Custody Seals:	Yes No MA	Correction Factor:	actor:		Pa		Na ₂ S	Na ₂ S ₂ O ₃ ; NaSO ₃
Sample Custody Seals:	Yes No N/A	Temperature Reading:	Reading:				Zn Ac	Zn Acetate+NaOH: Zn
Total Containers:		Corrected Temperature:	mperature:			\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	NaOh	NaOH+Ascorbic Acid: SAPC
Sample Identification	n Matrix	Date	Time	Depth Grab/	y # of	B1 1 P		Sample Comments
7933	2	9-23	1300	56	7 /		#	10/0
Total 200.7 / 6010 200.8 / 6020: Circle Method(s) and Metal(s) to be analyzed	200.8 / 6020: //etal(s) to be ana		8RCRA 13PPM TCLP/SPLF	A 13PPM Texas 11 AI S TCLP / SPLP 6010 : 8RCRA	Al Sb RCRA St	AI Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg I CRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se	g Mn Mo Ni K Se Ag SiO $_2$ Na Sr Ti Sn U V Z Se Ag Ti \cup Hg: 1631/245.1/7470/7471	n U V Zn 0 /7471
lotice: Signature of this document and ferrit service. Eurofins Xenco will be liable of Eurofins Xenco. A minimum charge	nd relinquishment of samp ble only for the cost of sam e of \$85.00 will be applied	ples constitutes a v	alid purchase orde assume any respon	r from client composibility for any losse or each sample sub	any to Eurofir es or expense mitted to Eur	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from citent company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service, Eurofins Xenco will be liable only for the coat of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$35,00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	ms and conditions synd the control street was a series of the control street was the control street with the control street was the control street was the conditions and the conditions are street was the conditions a	
Relinquished by: (Signature)	ature)	Received	Received-by: (Signature)			Date/Time Relinquished by: (Signature)	ure) Received by: (Signature)	Date/Time
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Work Order No:

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-3064-1

SDG Number: 03D2057004

Login Number: 3064 List Source: Eurofins Carlsbad

List Number: 1 Creator: Clifton, Cloe

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 <6mm (1/4").	N/A	

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Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-3064-1

SDG Number: 03D2057004

List Source: Eurofins Midland
List Number: 2
List Creation: 09/27/22 10:56 AM

Creator: Rodriguez, Leticia

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Eurofins Carlsbad

Released to Imaging: 10/13/2022 12:38:49 PM

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APPENDIX F

NMOCD Notifications

From: Nobui, Jennifer, EMNRD

To: Kalei Jennings

 Cc:
 Bratcher, Mike, EMNRD; Harimon, Jocelyn, EMNRD; Hamlet, Robert, EMNRD

 Subject:
 FW: [EXTERNAL] Maverick- Sampling Notification (Week of 08/08/22-08/12/22)

Date: Thursday, August 4, 2022 10:44:03 AM

Attachments: <u>image001.png</u>

image002.png image003.png image004.png

[**EXTERNAL EMAIL**]

Kalei

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,

Jennifer Nobui

From: Enviro, OCD, EMNRD < OCD. Enviro@state.nm.us>

Sent: Thursday, August 4, 2022 9:21 AM

To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>

Subject: Fw: [EXTERNAL] Maverick- Sampling Notification (Week of 08/08/22-08/12/22)

From: Kalei Jennings < <u>kiennings@ensolum.com</u>>

Sent: Thursday, August 4, 2022 9:20 AM

To: Enviro, OCD, EMNRD < OCD. Enviro@state.nm.us>

Cc: Thomas Haigood < Thomas. Haigood@mavresources.com >; Cody Chesshire

<<u>Cody.Chesshire@mavresources.com</u>>

Subject: [EXTERNAL] Maverick- Sampling Notification (Week of 08/08/22-08/12/22)

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

All,

Maverick Natural Resources plans to complete final sampling activities at the following sites the week of August 8, 2022.

Monday:

Tuesday:

Wednesday:

• EVGSAU 3202-385 / NAPP2207331663

Thursday:

• Baish B Battery / NAPP2211143447

Friday:

• Baish B Battery / NAPP2211143447

Thank you,



From: Nobui, Jennifer, EMNRD

To: <u>Kalei Jennings</u>

Cc: Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD

Subject: FW: [EXTERNAL] Maverick- Sampling Notification (Week of 09/19/22-09/23/22)

Date: Tuesday, September 20, 2022 10:25:51 AM

Attachments: <u>image001.png</u>

image002.png image003.png image004.png

[**EXTERNAL EMAIL**]

Kalei

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,

Jennifer Nobui

From: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Sent: Tuesday, September 20, 2022 8:01 AM

To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>

Subject: Fw: [EXTERNAL] Maverick- Sampling Notification (Week of 09/19/22-09/23/22)

From: Kalei Jennings < kjennings@ensolum.com > Sent: Monday, September 19, 2022 8:26 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Subject: [EXTERNAL] Maverick- Sampling Notification (Week of 09/19/22-09/23/22)

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

All,

Maverick Natural Resources (Maverick) plans to complete final sampling activities at the following sites the week of September 19, 2022.

Wednesday (9/21/2022)

Baish B Battery/ NAPP2211143447

Thank you,



Kalei Jennings Senior Scientist 817-683-2503 Ensolum, LLC

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

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

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

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

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

CONDITIONS

Action 149120

CONDITIONS

Operator:	OGRID:
Maverick Permian LLC	331199
1111 Bagby Street Suite 1600	Action Number:
Houston, TX 77002	149120
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	10/13/2022