



September 9, 2024

New Mexico Oil Conservation Division

New Mexico Energy, Minerals, and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Notification of Cessation of Operations and Proposed Schedule
Bisti Landfarm
San Juan County, New Mexico
Western Refining Southwest LLC
NMOCD Permit Number: NM2-0010

To Whom it May Concern:

On behalf of Western Refining Southwest LLC (Western), Ensolum, LLC (Ensolum) is submitting this *Notification of Cessation of Operations and Proposed Schedule* to the New Mexico Oil Conservation Division (NMOCD) for the Bisti Landfarm (Landfarm), NMOCD Permit Number NM2-0010 (Figure 1).

TREATMENT ZONE CLOSURE SAMPLING

In accordance with the *Closure and Post-Closure Plan* (the “CPC Plan”) prepared by Ensolum and dated February 17, 2023, a single composite soil sample, consisting of four discrete samples, was collected from each Landfarm cell (Cell 1, API Cell, and Crude Cell shown on Figure 2) and compared to the “Treatment Zone Closure Performance Standards” presented in attached Table 1. Closure sample concentrations that exceeded the NMOCD approved facility background threshold values and/or laboratory practical quantitation limits (PQLs) for individual constituents were subsequently compared to alternative soil screening levels presented in Table 1, as approved by the NMOCD in their letter dated April 8, 2024. Treatment zone closure samples were collected on June 27, 2024, and a summary of analytical results are presented on Table 1, with the complete laboratory analytical report attached as Appendix A. As indicated on Table 1, all constituent concentrations were either not detected above the laboratory PQL or were below the most stringent soil screening level approved for the Landfarm. Based on these results and in accordance with the approved CPC Plan, soil will be left in place at the Landfarm and revegetated.

PROPOSED LANDFARM CLOSURE SCHEDULE

Based on the treatment zone closure sampling described above, Western will immediately cease disking operations at the Landfarm. Based on the CPC Plan, Western/Ensolum will continue to perform compliance sampling of the vadose zone until NMOCD approval of this report. Western anticipates closure activities, including removal of berms, buildings, fences, roads, and equipment (as applicable), will begin in the winter of 2024/2025. Any areas of soil staining outside of the

Landfarm cells will be sampled and managed in accordance with the CPC Plan. The "Landfarm Closure Inspection Checklist" (Appendix B) will also be completed once closure activities are completed. Site revegetation activities, as described in the CPC Plan, will be conducted once Landfarm facilities and features are removed and will likely begin in the spring of 2025, or as recommended by the revegetation contractor.

If you should have any questions or comments regarding this document, please contact the undersigned.

Sincerely,

Ensolum, LLC



Stuart Hyde, PG (licensed in WA and TX)
Senior Managing Geologist
(970) 903-1607
shyde@ensolum.com

Attachments:

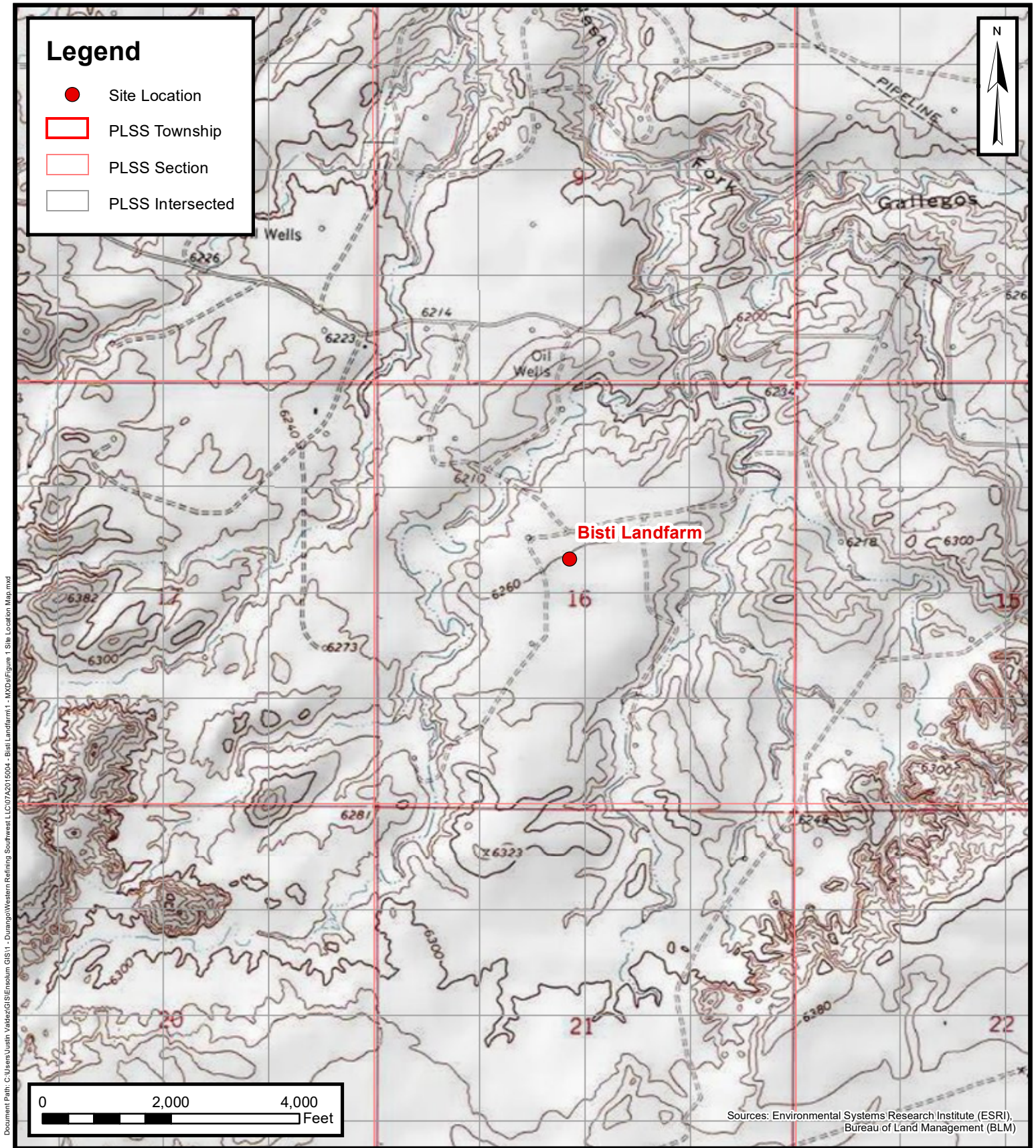
Figure 1: Site Location Map
Figure 2: Site Map

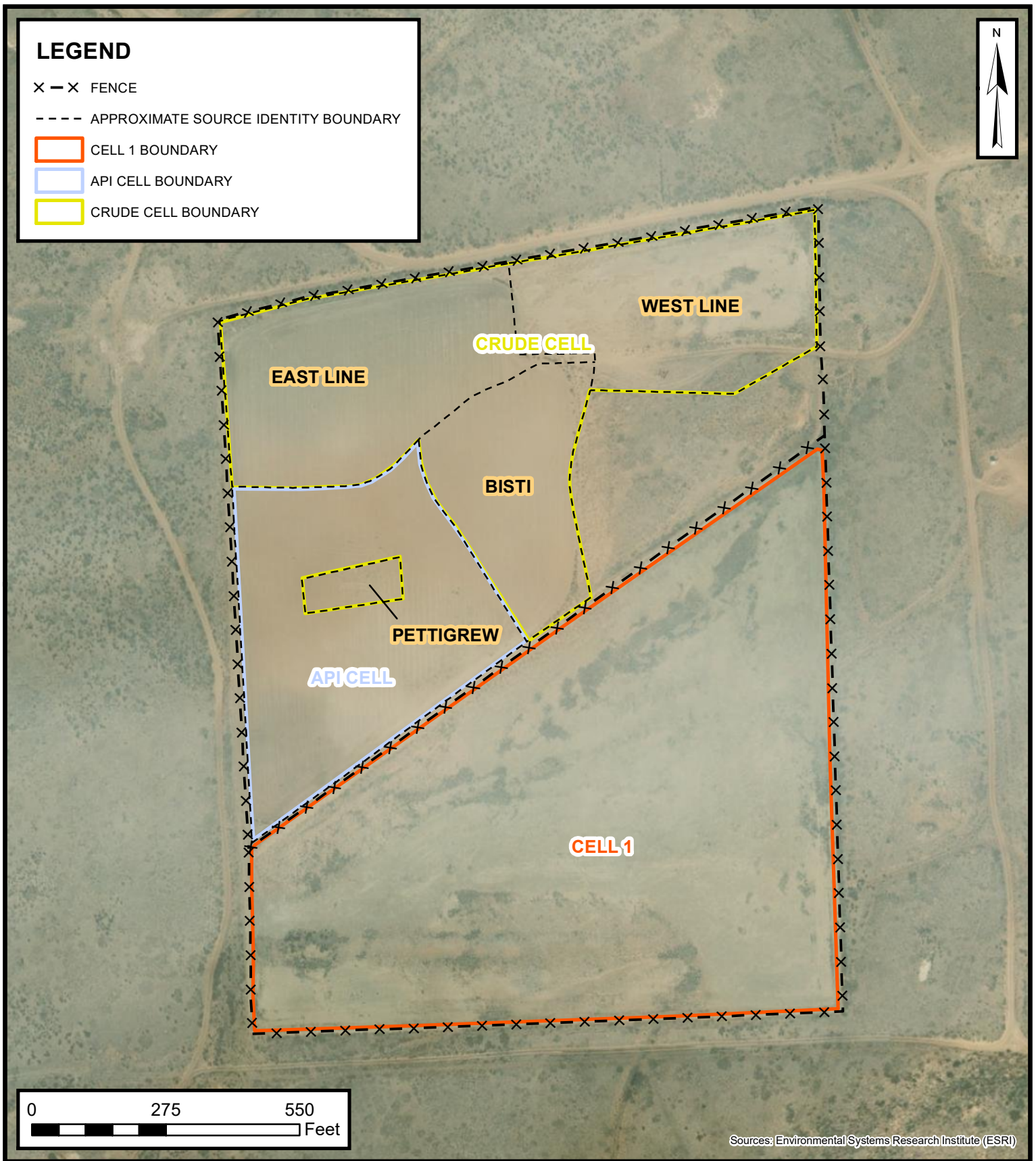
Table 1: Treatment Zone Closure Performance Standards and Analytical Results

Appendix A: Laboratory Analytical Reports
Appendix B: Landfarm Closure Inspection Checklist



FIGURES





Site Map

BISTI LANDFARM
SEC 16 T25N R12W
SAN JUAN COUNTY, NM
WESTERN REFINING SOUTHWEST LLC

FIGURE

2



TABLES

TABLE 1 TREATMENT ZONE CLOSURE PERFORMANCE STANDARDS AND ANALYTICAL RESULTS Bisti Landfarm Western Refining Southwest LLC San Juan County, New Mexico													
ANALYTE	UNITS	NMOCD Treatment Zone Closure Performance Standards	NMED Soil Screening Level, Direct Contact/Ingestion, Residential Cancer (1)	NMED Soil Screening Level, Direct Contact/Ingestion, Residential Non- Cancer (1)	NMED Soil Screening Level, Direct Contact/Ingestion, Industrial/ Occupational Cancer (1)	NMED Soil Screening Level, Direct Contact/Ingestion, Industrial/ Occupational Non- Cancer (1)	NMED Soil Screening Level, Direct Contact/Ingestion, Construction Worker Cancer (1)	NMED Soil Screening Level, Direct Contact/Ingestion, Construction Worker Non- Cancer (1)	EPA Soil Screening Level, Inhalation of Volatiles and Fugitive Dusts (2)	Most Stringent Soil Screening Level	Crude Treatment	API Treatment	Cell 1 Treatment
Petroleum Hydrocarbons by EPA Method 8015M													
GRO+DRO	mg/kg	500	---	---	---	---	---	---	---	500	<14.8	<14.1	41
TPH	mg/kg	2,500	---	---	---	---	---	---	---	2,500	64	<59.1	161
Volatile Organic Compounds by EPA Method 8021B													
Benzene	mg/kg	0.20	---	---	---	---	---	---	---	0.20	<0.025	<0.025	<0.025
BTEX	mg/kg	50	---	---	---	---	---	---	---	50	<0.175	<0.175	<0.172
Anions by EPA Method 300.0													
Chloride	mg/kg	1,000	---	---	---	---	---	---	---	1,000	<30	240	<30
Metals by EPA Method 6010B and 6020													
Arsenic	mg/kg	2.8	7.07	13.0	35.9	208	216	41.2	8,880	7.07	3.0	2.2	2.2
Barium	mg/kg	180	NE	15,600	NE	25,500	NE	4,390	709,000	4,390	84	80	200
Cadmium	mg/kg	<1.3	85,900	70.5	417,000	1,110	3,610	72.1	14,200	70.5	<24	<25	<24
Chromium	mg/kg	<5.0	96.6	45,200	505	314,000	468	134	14,200	96.6	4.3	3.1	4.4
Copper	mg/kg	3.2	NE	3,130	NE	51,900	NE	14,200	NE	3,130	5.3	3.9	5.2
Iron	mg/kg	7,200	NE	54,800	NE	908,000	NE	248,000	NE	54,800	7,400	6,900	7,800
Lead (3)	mg/kg	6.8	NE	400	NE	800	NE	800	NE	400	6.0	4.2	5.2
Manganese	mg/kg	150	NE	10,500	NE	160,000	NE	464	70,900	464	180	170	210
Mercury	mg/kg	<0.5	NE	23.8	NE	112	NE	20.7	10.9	10.9	0.054	<0.036	0.17
Selenium	mg/kg	<2.5	NE	391	NE	6,490	NE	1,750	28,400,000	391	2.3	1.9	2.4
Silver	mg/kg	<1.3	NE	391	NE	6,490	NE	1,770	NE	391	<1.0	<0.97	<0.97
Uranium	mg/kg	<4.9	NE	234	NE	3,880	NE	277	56,700	234	<1.0	<0.97	<0.97
Zinc	mg/kg	14	NE	23,500	NE	389,000	NE	106,000	NE	23,500	16	18	33

Notes:

(1): Soil screening levels are based on the "NMED Risk Assessment Guidance for Site Investigations and Remediation, Volume I - Soil Screening Guidance for Human Health Risk Assessments" (November 2022)

(2): United Stated EPA regional screening level for inhalation by composite worker of fugitive dust using the EPA online "Regional Screening Level Calculator"

(3): Lead soil screening level based on Section 5.2 of the EPA online resource "Regional Screening Levels (RSLs) - User's Guide" dated November 2022

BTEX: benzene, toluene, ethylbenzene, total xylenes

DRO: diesel range organics

GRO: gasoline range organics

mg/kg: milligrams per kilogram

NE: Not Established

NMED: New Mexico Environment Department

NMOCD: New Mexico Oil and Gas Conservation Division

PQL: practical quantitation limit

TPH: total petroleum hydrocarbons

<: Indicates result is less than the stated laboratory method practical quantitation limit

Gray shading indicates the concentration to be used for treatment zone closure performance standard

---: Constituent soil screening level based on the NMOCD Table I Closure Criteria, other screening levels are not presented



APPENDIX A

Laboratory Analytical Reports



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Stuart Hyde
Ensolum
601 N. Marienfeld St.
Suite 400
Midland, Texas 79701
Generated 7/16/2024 5:13:47 PM

JOB DESCRIPTION

Bisti LF

JOB NUMBER

885-7097-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

Eurofins Albuquerque

Job Notes

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

Authorization



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Authorized for release by
John Caldwell, Project Manager
john.caldwell@et.eurofinsus.com
(505)345-3975

Client: Ensolum
Project/Site: Bisti LF

Laboratory Job ID: 885-7097-1

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Definitions/Glossary

Client: Ensolum
Project/Site: Bisti LF

Job ID: 885-7097-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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)
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
Project: Bisti LF

Job ID: 885-7097-1

Job ID: 885-7097-1

Eurofins Albuquerque

Job Narrative 885-7097-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The samples were received on 6/28/2024 7:00 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 4.7°C.

Receipt Exceptions

Sample Bottle Label was not present for one of the three samples. Contacted Christine Walters regarding this issue, who confirmed we are to log in as "API treatment," since the other two samples were labeled. Crude Treatment (885-7097-1), API Treatment (885-7097-2) and Cell 1 Treatment (885-7097-3).

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

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

HPLC/IC

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

Metals

Method 6010B: The MB has a hit for Zn and the samples have already been re-prepped twice due to the previous failures on the LCS. As per the SOP, can report the data with a B flag as the lowest concentration of Zn is 16ppm in the sample and the SOP allows for reporting if the hit is less than 5% of the hit in the blank. No further action required.

Crude Treatment (885-7097-1), API Treatment (885-7097-2), Cell 1 Treatment (885-7097-3), (LCS 885-7893/3-A), (LCSD 885-7893/4-A), (MB 885-7893/1-A), (885-7097-A-1-E MS ^2), (885-7097-A-1-F MSD ^2) and (885-7097-A-1-D PDS ^2)

Method 6010B: PLEASE REFER TO NCM 7173 FOR THE Zn FAILURE ON THE MB.

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

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Bisti LF

Job ID: 885-7097-1

Client Sample ID: Crude Treatment

Lab Sample ID: 885-7097-1

Date Collected: 06/27/24 12:35

Matrix: Solid

Date Received: 06/28/24 07:00

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		07/01/24 10:15	07/02/24 13:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		35 - 166			07/01/24 10:15	07/02/24 13:41	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		07/01/24 10:15	07/02/24 13:41	1
Ethylbenzene	ND		0.050	mg/Kg		07/01/24 10:15	07/02/24 13:41	1
Toluene	ND		0.050	mg/Kg		07/01/24 10:15	07/02/24 13:41	1
Xylenes, Total	ND		0.050	mg/Kg		07/01/24 10:15	07/02/24 13:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		48 - 145			07/01/24 10:15	07/02/24 13:41	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		07/01/24 14:34	07/01/24 18:53	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		07/01/24 14:34	07/01/24 18:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	108		62 - 134			07/01/24 14:34	07/01/24 18:53	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		30	mg/Kg		06/28/24 09:56	07/08/24 16:22	10

Method: SW846 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	84		0.20	mg/Kg		07/01/24 10:09	07/03/24 08:42	2
Cadmium	ND		24	mg/Kg		07/03/24 16:29	07/05/24 09:50	100
Chromium	4.3		0.60	mg/Kg		07/01/24 10:09	07/03/24 08:42	2
Iron	7400		1000	mg/Kg		07/01/24 10:09	07/03/24 08:59	100
Manganese	180		0.50	mg/Kg		07/01/24 10:09	07/03/24 08:42	2
Silver	ND		1.0	mg/Kg		07/01/24 10:09	07/03/24 08:42	2
Zinc	16	F1	4.9	mg/Kg		07/03/24 16:29	07/05/24 09:42	2

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.0		1.0	mg/Kg		07/01/24 10:09	07/12/24 12:54	10
Copper	5.3		1.6	mg/Kg		07/01/24 10:09	07/12/24 12:54	10
Lead	6.0		1.0	mg/Kg		07/01/24 10:09	07/12/24 12:54	10
Selenium	2.3		1.0	mg/Kg		07/01/24 10:09	07/12/24 12:54	10
Uranium	ND		1.0	mg/Kg		07/01/24 10:09	07/12/24 12:54	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.054		0.036	mg/Kg		07/01/24 11:34	07/02/24 10:02	1

Eurofins Albuquerque

Client Sample Results

Client: Ensolum
Project/Site: Bisti LF

Job ID: 885-7097-1

Client Sample ID: API Treatment
Date Collected: 06/27/24 13:10
Date Received: 06/28/24 07:00

Lab Sample ID: 885-7097-2
Matrix: Solid

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		07/01/24 10:15	07/02/24 14:47	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	103		35 - 166			07/01/24 10:15	07/02/24 14:47	1	
Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.025	mg/Kg		07/01/24 10:15	07/02/24 14:47	1	
Ethylbenzene	ND		0.050	mg/Kg		07/01/24 10:15	07/02/24 14:47	1	
Toluene	ND		0.050	mg/Kg		07/01/24 10:15	07/02/24 14:47	1	
Xylenes, Total	ND		0.050	mg/Kg		07/01/24 10:15	07/02/24 14:47	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	94		48 - 145			07/01/24 10:15	07/02/24 14:47	1	
Method: SW846 8015D - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		9.1	mg/Kg		07/01/24 14:34	07/01/24 19:06	1	
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		07/01/24 14:34	07/01/24 19:06	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	99		62 - 134			07/01/24 14:34	07/01/24 19:06	1	
Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	240		60	mg/Kg		06/28/24 09:56	06/28/24 21:47	20	
Method: SW846 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Barium	80		9.9	mg/Kg		07/03/24 16:29	07/05/24 10:00	100	
Cadmium	ND		25	mg/Kg		07/03/24 16:29	07/05/24 10:00	100	
Chromium	3.1		0.58	mg/Kg		07/01/24 10:09	07/03/24 09:01	2	
Iron	6900		970	mg/Kg		07/01/24 10:09	07/03/24 09:14	100	
Manganese	170		25	mg/Kg		07/03/24 16:29	07/05/24 10:00	100	
Silver	ND		0.97	mg/Kg		07/01/24 10:09	07/03/24 09:01	2	
Zinc	18	B	5.0	mg/Kg		07/03/24 16:29	07/10/24 08:48	2	
Method: SW846 6020A - Metals (ICP/MS)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Arsenic	2.2		0.97	mg/Kg		07/01/24 10:09	07/12/24 12:59	10	
Copper	3.9		1.6	mg/Kg		07/01/24 10:09	07/12/24 12:59	10	
Lead	4.2		0.97	mg/Kg		07/01/24 10:09	07/12/24 12:59	10	
Selenium	1.9		0.97	mg/Kg		07/01/24 10:09	07/12/24 12:59	10	
Uranium	ND		0.97	mg/Kg		07/01/24 10:09	07/12/24 12:59	10	
Method: SW846 7471B - Mercury (CVAA)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Mercury	ND		0.036	mg/Kg		07/01/24 11:34	07/02/24 10:04	1	

Client Sample Results

Client: Ensolum
Project/Site: Bisti LF

Job ID: 885-7097-1

Client Sample ID: Cell 1 Treatment

Lab Sample ID: 885-7097-3

Date Collected: 06/27/24 13:30

Matrix: Solid

Date Received: 06/28/24 07:00

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		07/01/24 10:15	07/02/24 15:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		35 - 166			07/01/24 10:15	07/02/24 15:53	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		07/01/24 10:15	07/02/24 15:53	1
Ethylbenzene	ND		0.049	mg/Kg		07/01/24 10:15	07/02/24 15:53	1
Toluene	ND		0.049	mg/Kg		07/01/24 10:15	07/02/24 15:53	1
Xylenes, Total	ND		0.049	mg/Kg		07/01/24 10:15	07/02/24 15:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		48 - 145			07/01/24 10:15	07/02/24 15:53	1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	41		8.9	mg/Kg		07/01/24 14:34	07/02/24 12:57	1
Motor Oil Range Organics [C28-C40]	120		45	mg/Kg		07/01/24 14:34	07/02/24 12:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	105		62 - 134			07/01/24 14:34	07/02/24 12:57	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		30	mg/Kg		06/28/24 09:56	07/08/24 16:34	10

Method: SW846 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	200		0.19	mg/Kg		07/01/24 10:09	07/03/24 09:22	2
Cadmium	ND		24	mg/Kg		07/03/24 16:29	07/05/24 10:06	100
Chromium	4.4		0.58	mg/Kg		07/01/24 10:09	07/03/24 09:22	2
Iron	7800		970	mg/Kg		07/01/24 10:09	07/03/24 09:27	100
Manganese	210		0.48	mg/Kg		07/01/24 10:09	07/03/24 09:22	2
Silver	ND		0.97	mg/Kg		07/01/24 10:09	07/03/24 09:22	2
Zinc	33 B		4.9	mg/Kg		07/03/24 16:29	07/10/24 08:57	2

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.2		0.97	mg/Kg		07/01/24 10:09	07/12/24 13:04	10
Copper	5.2		1.5	mg/Kg		07/01/24 10:09	07/12/24 13:04	10
Lead	5.2		0.97	mg/Kg		07/01/24 10:09	07/12/24 13:04	10
Selenium	2.4		0.97	mg/Kg		07/01/24 10:09	07/12/24 13:04	10
Uranium	ND		0.97	mg/Kg		07/01/24 10:09	07/12/24 13:04	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.17		0.036	mg/Kg		07/01/24 11:34	07/02/24 10:07	1

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QC Sample Results

Client: Ensolum
Project/Site: Bisti LF

Job ID: 885-7097-1

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

Lab Sample ID: MB 885-7690/1-A						Client Sample ID: Method Blank			
Matrix: Solid						Prep Type: Total/NA			
Analysis Batch: 7845						Prep Batch: 7690			
Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		07/01/24 10:15	07/02/24 13:19	1	
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	95		35 - 166			07/01/24 10:15	07/02/24 13:19	1	

Lab Sample ID: LCS 885-7690/2-A						Client Sample ID: Lab Control Sample			
Matrix: Solid						Prep Type: Total/NA			
Analysis Batch: 7845						Prep Batch: 7690			
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]			25.0	25.7		mg/Kg		103	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	204	S1+	35 - 166						

Lab Sample ID: 885-7097-1 MS						Client Sample ID: Crude Treatment			
Matrix: Solid						Prep Type: Total/NA			
Analysis Batch: 7845						Prep Batch: 7690			
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	ND		24.9	26.1		mg/Kg		105	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	216	S1+	35 - 166						

Lab Sample ID: 885-7097-1 MSD							Client Sample ID: Crude Treatment				
Matrix: Solid							Prep Type: Total/NA				
Analysis Batch: 7845							Prep Batch: 7690				
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		24.8	24.2		mg/Kg		97	70 - 130	8	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	210	S1+	35 - 166								

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-7690/1-A						Client Sample ID: Method Blank			
Matrix: Solid						Prep Type: Total/NA			
Analysis Batch: 7849						Prep Batch: 7690			
Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	ND		0.025	mg/Kg		07/01/24 10:15	07/02/24 13:19	1	
Ethylbenzene	ND		0.050	mg/Kg		07/01/24 10:15	07/02/24 13:19	1	
Toluene	ND		0.050	mg/Kg		07/01/24 10:15	07/02/24 13:19	1	

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QC Sample Results

Client: Ensolum
Project/Site: Bisti LF

Job ID: 885-7097-1

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

Lab Sample ID: MB 885-7690/1-A
Matrix: Solid
Analysis Batch: 7849

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 7690

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10	mg/Kg		07/01/24 10:15	07/02/24 13:19	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		48 - 145			07/01/24 10:15	07/02/24 13:19	1

Lab Sample ID: LCS 885-7690/3-A
Matrix: Solid
Analysis Batch: 7849

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 7690

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.872		mg/Kg		87	70 - 130
Ethylbenzene	1.00	0.898		mg/Kg		90	70 - 130
Toluene	1.00	0.882		mg/Kg		88	70 - 130
Xylenes, Total	3.00	2.70		mg/Kg		90	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	95		48 - 145				

Lab Sample ID: 885-7097-2 MS
Matrix: Solid
Analysis Batch: 7849

Client Sample ID: API Treatment
Prep Type: Total/NA
Prep Batch: 7690

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.992	0.948		mg/Kg		96	70 - 130
Ethylbenzene	ND		0.992	0.998		mg/Kg		101	70 - 130
Toluene	ND		0.992	0.963		mg/Kg		97	70 - 130
Xylenes, Total	ND		2.98	3.01		mg/Kg		101	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	94		48 - 145						

Lab Sample ID: 885-7097-2 MSD
Matrix: Solid
Analysis Batch: 7849

Client Sample ID: API Treatment
Prep Type: Total/NA
Prep Batch: 7690

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.999	0.891		mg/Kg		89	70 - 130	6	20
Ethylbenzene	ND		0.999	0.928		mg/Kg		93	70 - 130	7	20
Toluene	ND		0.999	0.904		mg/Kg		90	70 - 130	6	20
Xylenes, Total	ND		3.00	2.79		mg/Kg		93	70 - 130	8	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	94		48 - 145								

QC Sample Results

Client: Ensolum
Project/Site: Bisti LF

Job ID: 885-7097-1

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

Lab Sample ID: MB 885-7719/1-A						Client Sample ID: Method Blank			
Matrix: Solid						Prep Type: Total/NA			
Analysis Batch: 7694						Prep Batch: 7719			
Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		07/01/24 14:34	07/01/24 18:27	1	
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		07/01/24 14:34	07/01/24 18:27	1	
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Di-n-octyl phthalate (Surr)	102		62 - 134			07/01/24 14:34	07/01/24 18:27	1	

Lab Sample ID: LCS 885-7719/2-A						Client Sample ID: Lab Control Sample			
Matrix: Solid						Prep Type: Total/NA			
Analysis Batch: 7694						Prep Batch: 7719			
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]			50.0	48.3		mg/Kg		97	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	106		62 - 134						

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-7593/1-A

Matrix: Solid

Analysis Batch: 7597

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7593

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Factor
Chloride	ND		3.0	mg/Kg		06/28/24 09:56	06/28/24 16:59	1

Lab Sample ID: LCS 885-7593/2-A

Matrix: Solid

Analysis Batch: 7597

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7593

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	30.0	27.9		mg/Kg		93	90 - 110

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 885-7688/1-A						Client Sample ID: Method Blank			
Matrix: Solid						Prep Type: Total/NA			
Analysis Batch: 7861						Prep Batch: 7688			
Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Barium	ND		0.10	mg/Kg		07/01/24 10:09	07/03/24 08:24	1	
Chromium	ND		0.30	mg/Kg		07/01/24 10:09	07/03/24 08:24	1	
Iron	ND		10	mg/Kg		07/01/24 10:09	07/03/24 08:24	1	
Manganese	ND		0.25	mg/Kg		07/01/24 10:09	07/03/24 08:24	1	
Silver	ND		0.50	mg/Kg		07/01/24 10:09	07/03/24 08:24	1	

QC Sample Results

Client: Ensolum
Project/Site: Bisti LF

Job ID: 885-7097-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 885-7688/6-A
Matrix: Solid
Analysis Batch: 7861

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 7688

Analyte	Spike		LCS		Unit	D	%Rec	%Rec	
	Added	Result	Qualifier	Result				Limits	
Barium	25.0	20.4			mg/Kg		82	80 - 120	
Chromium	25.0	20.2			mg/Kg		81	80 - 120	
Iron	25.0	24.9			mg/Kg		100	80 - 120	
Manganese	25.0	22.2			mg/Kg		89	80 - 120	
Silver	5.00	4.04			mg/Kg		81	80 - 120	

Lab Sample ID: LCSD 885-7688/7-A
Matrix: Solid
Analysis Batch: 7861

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 7688

Analyte	Spike		LCSD		Unit	D	%Rec	%Rec		RPD	
	Added	Result	Qualifier	Result				Limits		RPD	Limit
Barium	25.0	20.3			mg/Kg		81	80 - 120		1	20
Chromium	25.0	20.1			mg/Kg		81	80 - 120		1	20
Iron	25.0	24.7			mg/Kg		99	80 - 120		1	20
Manganese	25.0	22.1			mg/Kg		88	80 - 120		1	20
Silver	5.00	4.03			mg/Kg		81	80 - 120		0	20

Lab Sample ID: 885-7097-2 MS
Matrix: Solid
Analysis Batch: 7861

Client Sample ID: API Treatment
Prep Type: Total/NA
Prep Batch: 7688

Analyte	Sample		Spike	MS		Unit	D	%Rec	%Rec	
	Result	Qualifier		Result	Qualifier				Limits	
Chromium	3.1		24.6	32.4		mg/Kg		119	75 - 125	
Silver	ND		4.93	4.48		mg/Kg		91	75 - 125	

Lab Sample ID: 885-7097-2 MSD
Matrix: Solid
Analysis Batch: 7861

Client Sample ID: API Treatment
Prep Type: Total/NA
Prep Batch: 7688

Analyte	Sample		Spike	MSD		Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier		Result	Qualifier				Limits		RPD	Limit
Chromium	3.1		24.6	30.0		mg/Kg		109	75 - 125		8	20
Silver	ND		4.93	4.12		mg/Kg		84	75 - 125		8	20

Lab Sample ID: MRL 885-7861/13
Matrix: Solid
Analysis Batch: 7861

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

Analyte	Spike		MRL		Unit	D	%Rec	%Rec	
	Added	Result	Qualifier	Result				Limits	
Barium	0.0500	0.0530			mg/L		106	50 - 150	
Cadmium	0.0500	0.0519			mg/L		104	50 - 150	
Chromium	0.0500	0.0518			mg/L		104	50 - 150	
Iron	0.0500	0.0505			mg/L		101	50 - 150	
Manganese	0.0500	0.0536			mg/L		107	50 - 150	
Silver	0.0500	0.0515			mg/L		103	50 - 150	
Zinc	0.0500	0.0620			mg/L		124	50 - 150	

QC Sample Results

Client: Ensolum
Project/Site: Bisti LF

Job ID: 885-7097-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 885-7893/1-A

Matrix: Solid

Analysis Batch: 7938

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7893

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		0.10	mg/Kg		07/03/24 16:29	07/05/24 09:33	1
Cadmium	ND		0.25	mg/Kg		07/03/24 16:29	07/05/24 09:33	1
Chromium	ND		0.30	mg/Kg		07/03/24 16:29	07/05/24 09:33	1
Iron	ND		10	mg/Kg		07/03/24 16:29	07/05/24 09:33	1
Manganese	ND		0.25	mg/Kg		07/03/24 16:29	07/05/24 09:33	1
Silver	ND		0.50	mg/Kg		07/03/24 16:29	07/05/24 09:33	1
Zinc	4.72		2.5	mg/Kg		07/03/24 16:29	07/05/24 09:33	1

Lab Sample ID: MB 885-7893/1-A

Matrix: Solid

Analysis Batch: 8148

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7893

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	3.62		2.5	mg/Kg		07/03/24 16:29	07/10/24 08:31	1

Lab Sample ID: LCS 885-7893/3-A

Matrix: Solid

Analysis Batch: 7938

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7893

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	25.0	24.8		mg/Kg		99	80 - 120
Cadmium	25.0	24.5		mg/Kg		98	80 - 120
Chromium	25.0	24.7		mg/Kg		99	80 - 120
Iron	25.0	26.0		mg/Kg		104	80 - 120
Manganese	25.0	25.3		mg/Kg		101	80 - 120
Silver	5.00	5.07		mg/Kg		101	80 - 120
Zinc	25.0	27.5		mg/Kg		110	80 - 120

Lab Sample ID: LCS 885-7893/3-A

Matrix: Solid

Analysis Batch: 8148

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7893

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	25.0	25.7		mg/Kg		103	80 - 120

Lab Sample ID: LCSD 885-7893/4-A

Matrix: Solid

Analysis Batch: 7938

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 7893

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium	25.0	23.5		mg/Kg		94	80 - 120	5	20
Cadmium	25.0	23.3		mg/Kg		93	80 - 120	5	20
Chromium	25.0	23.3		mg/Kg		93	80 - 120	6	20
Iron	25.0	28.2		mg/Kg		113	80 - 120	8	20
Manganese	25.0	25.0		mg/Kg		100	80 - 120	1	20
Silver	5.00	4.77		mg/Kg		95	80 - 120	6	20
Zinc	25.0	25.0		mg/Kg		100	80 - 120	10	20

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QC Sample Results

Client: Ensolum
Project/Site: Bisti LF

Job ID: 885-7097-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 885-7893/4-A				Client Sample ID: Lab Control Sample Dup							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 8148				Prep Batch: 7893							
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Zinc			25.0	25.0		mg/Kg		100	80 - 120	3	20

Lab Sample ID: 885-7097-1 MS				Client Sample ID: Crude Treatment							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 7938				Prep Batch: 7893							
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Zinc	16	F1	24.5	45.3		mg/Kg		120	75 - 125		

Lab Sample ID: 885-7097-1 MSD				Client Sample ID: Crude Treatment							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 7938				Prep Batch: 7893							
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Zinc	16	F1	24.9	47.5	F1	mg/Kg		127	75 - 125	5	20

Lab Sample ID: MRL 885-7938/14				Client Sample ID: Lab Control Sample							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 7938											
Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Barium			0.0500	0.0562		mg/L		112	50 - 150		
Cadmium			0.0500	0.0553		mg/L		111	50 - 150		
Chromium			0.0500	0.0564		mg/L		113	50 - 150		
Iron			0.0500	0.0554		mg/L		111	50 - 150		
Manganese			0.0500	0.0558		mg/L		112	50 - 150		
Silver			0.0500	0.0548		mg/L		110	50 - 150		
Zinc			0.0500	0.0700		mg/L		140	50 - 150		

Lab Sample ID: MRL 885-8148/10				Client Sample ID: Lab Control Sample							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 8148											
Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Zinc			0.0500	0.0599		mg/L		120	50 - 150		

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 885-7688/1-A				Client Sample ID: Method Blank							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 8383				Prep Batch: 7688							
Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac		
Arsenic	ND		1.0		mg/Kg		07/01/24 10:09	07/12/24 11:44	10		
Copper	ND		1.6		mg/Kg		07/01/24 10:09	07/12/24 11:44	10		
Lead	ND		1.0		mg/Kg		07/01/24 10:09	07/12/24 11:44	10		
Selenium	ND		1.0		mg/Kg		07/01/24 10:09	07/12/24 11:44	10		
Uranium	ND		1.0		mg/Kg		07/01/24 10:09	07/12/24 11:44	10		

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QC Sample Results

Client: Ensolum
Project/Site: Bisti LF

Job ID: 885-7097-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 885-7688/3-A
Matrix: Solid
Analysis Batch: 8383

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 7688

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
	Added	Result	Qualifier			Limits	
Arsenic	5.00	4.42		mg/Kg		88	80 - 120
Copper	5.00	4.83		mg/Kg		97	80 - 120
Lead	5.00	5.36		mg/Kg		107	80 - 120
Selenium	5.00	4.32		mg/Kg		86	80 - 120
Uranium	5.00	5.43		mg/Kg		109	80 - 120

Lab Sample ID: LCSD 885-7688/4-A
Matrix: Solid
Analysis Batch: 8383

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 7688

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	Limit
	Added	Result	Qualifier				Limits		
Arsenic	5.00	4.61		mg/Kg		92	80 - 120	4	20
Copper	5.00	5.04		mg/Kg		101	80 - 120	4	20
Lead	5.00	5.34		mg/Kg		107	80 - 120	0	20
Selenium	5.00	4.36		mg/Kg		87	80 - 120	1	20
Uranium	5.00	5.50		mg/Kg		110	80 - 120	1	20

Lab Sample ID: MRL 885-8383/14

Matrix: Solid

Analysis Batch: 8383

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	MRL	MRL	Unit	D	%Rec	%Rec
	Added	Result	Qualifier			Limits	
Arsenic	0.00100	0.000955	J	mg/L		95	70 - 130
Copper	0.00100	0.00101		mg/L		101	70 - 130
Lead	0.00100	0.00103		mg/L		103	70 - 130
Selenium	0.00100	0.000897	J	mg/L		90	70 - 130
Uranium	0.00100	0.00103		mg/L		103	70 - 130

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 885-7700/12-A
Matrix: Solid
Analysis Batch: 7807

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 7700

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.033	mg/Kg		07/01/24 11:34	07/02/24 09:45	1

Lab Sample ID: LCS 885-7700/14-A
Matrix: Solid
Analysis Batch: 7807

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 7700

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
	Added	Result	Qualifier			Limits	
Mercury	0.333	0.345		mg/Kg		103	80 - 120

Lab Sample ID: LLCS 885-7700/13-A
Matrix: Solid
Analysis Batch: 7807

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 7700

Analyte	Spike	LLCS	LLCS	Unit	D	%Rec	%Rec
	Added	Result	Qualifier			Limits	
Mercury	0.0133	ND		mg/Kg		94	50 - 150

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QC Sample Results

Client: Ensolum
Project/Site: Bisti LF

Job ID: 885-7097-1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MRL 885-7700/9-A				Client Sample ID: Lab Control Sample			
Matrix: Solid				Prep Type: Total/NA			
Analysis Batch: 7807				Prep Batch: 7700			
Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.000100	0.0000846	J	mg/L		85	

QC Association Summary

Client: Ensolum
Project/Site: Bisti LF

Job ID: 885-7097-1

GC VOA

Prep Batch: 7690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-7097-1	Crude Treatment	Total/NA	Solid	5030C	
885-7097-2	API Treatment	Total/NA	Solid	5030C	
885-7097-3	Cell 1 Treatment	Total/NA	Solid	5030C	
MB 885-7690/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-7690/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-7690/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-7097-1 MS	Crude Treatment	Total/NA	Solid	5030C	
885-7097-1 MSD	Crude Treatment	Total/NA	Solid	5030C	
885-7097-2 MS	API Treatment	Total/NA	Solid	5030C	
885-7097-2 MSD	API Treatment	Total/NA	Solid	5030C	

Analysis Batch: 7845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-7097-1	Crude Treatment	Total/NA	Solid	8015D	7690
885-7097-2	API Treatment	Total/NA	Solid	8015D	7690
885-7097-3	Cell 1 Treatment	Total/NA	Solid	8015D	7690
MB 885-7690/1-A	Method Blank	Total/NA	Solid	8015D	7690
LCS 885-7690/2-A	Lab Control Sample	Total/NA	Solid	8015D	7690
885-7097-1 MS	Crude Treatment	Total/NA	Solid	8015D	7690
885-7097-1 MSD	Crude Treatment	Total/NA	Solid	8015D	7690

Analysis Batch: 7849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-7097-1	Crude Treatment	Total/NA	Solid	8021B	7690
885-7097-2	API Treatment	Total/NA	Solid	8021B	7690
885-7097-3	Cell 1 Treatment	Total/NA	Solid	8021B	7690
MB 885-7690/1-A	Method Blank	Total/NA	Solid	8021B	7690
LCS 885-7690/3-A	Lab Control Sample	Total/NA	Solid	8021B	7690
885-7097-2 MS	API Treatment	Total/NA	Solid	8021B	7690
885-7097-2 MSD	API Treatment	Total/NA	Solid	8021B	7690

GC Semi VOA

Analysis Batch: 7694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-7097-1	Crude Treatment	Total/NA	Solid	8015D	7719
885-7097-2	API Treatment	Total/NA	Solid	8015D	7719
MB 885-7719/1-A	Method Blank	Total/NA	Solid	8015D	7719
LCS 885-7719/2-A	Lab Control Sample	Total/NA	Solid	8015D	7719

Prep Batch: 7719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-7097-1	Crude Treatment	Total/NA	Solid	SHAKE	
885-7097-2	API Treatment	Total/NA	Solid	SHAKE	
885-7097-3	Cell 1 Treatment	Total/NA	Solid	SHAKE	
MB 885-7719/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-7719/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 7765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-7097-3	Cell 1 Treatment	Total/NA	Solid	8015D	7719

Eurofins Albuquerque

QC Association Summary

Client: Ensolum
Project/Site: Bisti LF

Job ID: 885-7097-1

HPLC/IC

Prep Batch: 7593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-7097-1	Crude Treatment	Total/NA	Solid	300_Prep	
885-7097-2	API Treatment	Total/NA	Solid	300_Prep	
885-7097-3	Cell 1 Treatment	Total/NA	Solid	300_Prep	
MB 885-7593/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-7593/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 7597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-7097-2	API Treatment	Total/NA	Solid	300.0	7593
MB 885-7593/1-A	Method Blank	Total/NA	Solid	300.0	7593
LCS 885-7593/2-A	Lab Control Sample	Total/NA	Solid	300.0	7593

Analysis Batch: 8052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-7097-1	Crude Treatment	Total/NA	Solid	300.0	7593
885-7097-3	Cell 1 Treatment	Total/NA	Solid	300.0	7593

Metals

Prep Batch: 7688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-7097-1	Crude Treatment	Total/NA	Solid	3050B	
885-7097-2	API Treatment	Total/NA	Solid	3050B	
885-7097-3	Cell 1 Treatment	Total/NA	Solid	3050B	
MB 885-7688/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 885-7688/3-A	Lab Control Sample	Total/NA	Solid	3050B	
LCS 885-7688/6-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 885-7688/4-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSD 885-7688/7-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
885-7097-2 MS	API Treatment	Total/NA	Solid	3050B	
885-7097-2 MSD	API Treatment	Total/NA	Solid	3050B	

Prep Batch: 7700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-7097-1	Crude Treatment	Total/NA	Solid	7471B	
885-7097-2	API Treatment	Total/NA	Solid	7471B	
885-7097-3	Cell 1 Treatment	Total/NA	Solid	7471B	
MB 885-7700/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 885-7700/14-A	Lab Control Sample	Total/NA	Solid	7471B	
LLCS 885-7700/13-A	Lab Control Sample	Total/NA	Solid	7471B	
MRL 885-7700/9-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 7807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-7097-1	Crude Treatment	Total/NA	Solid	7471B	7700
885-7097-2	API Treatment	Total/NA	Solid	7471B	7700
885-7097-3	Cell 1 Treatment	Total/NA	Solid	7471B	7700
MB 885-7700/12-A	Method Blank	Total/NA	Solid	7471B	7700
LCS 885-7700/14-A	Lab Control Sample	Total/NA	Solid	7471B	7700
LLCS 885-7700/13-A	Lab Control Sample	Total/NA	Solid	7471B	7700
MRL 885-7700/9-A	Lab Control Sample	Total/NA	Solid	7471B	7700

Eurofins Albuquerque

QC Association Summary

Client: Ensolum
Project/Site: Bisti LF

Job ID: 885-7097-1

Metals

Analysis Batch: 7861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-7097-1	Crude Treatment	Total/NA	Solid	6010B	7688
885-7097-1	Crude Treatment	Total/NA	Solid	6010B	7688
885-7097-2	API Treatment	Total/NA	Solid	6010B	7688
885-7097-2	API Treatment	Total/NA	Solid	6010B	7688
885-7097-3	Cell 1 Treatment	Total/NA	Solid	6010B	7688
885-7097-3	Cell 1 Treatment	Total/NA	Solid	6010B	7688
MB 885-7688/1-A	Method Blank	Total/NA	Solid	6010B	7688
LCS 885-7688/6-A	Lab Control Sample	Total/NA	Solid	6010B	7688
LCSD 885-7688/7-A	Lab Control Sample Dup	Total/NA	Solid	6010B	7688
MRL 885-7861/13	Lab Control Sample	Total/NA	Solid	6010B	
885-7097-2 MS	API Treatment	Total/NA	Solid	6010B	7688
885-7097-2 MSD	API Treatment	Total/NA	Solid	6010B	7688

Prep Batch: 7893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-7097-1	Crude Treatment	Total/NA	Solid	3050B	
885-7097-2	API Treatment	Total/NA	Solid	3050B	
885-7097-3	Cell 1 Treatment	Total/NA	Solid	3050B	
MB 885-7893/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 885-7893/3-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 885-7893/4-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
885-7097-1 MS	Crude Treatment	Total/NA	Solid	3050B	
885-7097-1 MSD	Crude Treatment	Total/NA	Solid	3050B	

Analysis Batch: 7938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-7097-1	Crude Treatment	Total/NA	Solid	6010B	7893
885-7097-1	Crude Treatment	Total/NA	Solid	6010B	7893
885-7097-2	API Treatment	Total/NA	Solid	6010B	7893
885-7097-3	Cell 1 Treatment	Total/NA	Solid	6010B	7893
MB 885-7893/1-A	Method Blank	Total/NA	Solid	6010B	7893
LCS 885-7893/3-A	Lab Control Sample	Total/NA	Solid	6010B	7893
LCSD 885-7893/4-A	Lab Control Sample Dup	Total/NA	Solid	6010B	7893
MRL 885-7938/14	Lab Control Sample	Total/NA	Solid	6010B	
885-7097-1 MS	Crude Treatment	Total/NA	Solid	6010B	7893
885-7097-1 MSD	Crude Treatment	Total/NA	Solid	6010B	7893

Analysis Batch: 8148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-7097-2	API Treatment	Total/NA	Solid	6010B	7893
885-7097-3	Cell 1 Treatment	Total/NA	Solid	6010B	7893
MB 885-7893/1-A	Method Blank	Total/NA	Solid	6010B	7893
LCS 885-7893/3-A	Lab Control Sample	Total/NA	Solid	6010B	7893
LCSD 885-7893/4-A	Lab Control Sample Dup	Total/NA	Solid	6010B	7893
MRL 885-8148/10	Lab Control Sample	Total/NA	Solid	6010B	

Analysis Batch: 8383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-7097-1	Crude Treatment	Total/NA	Solid	6020A	7688
885-7097-2	API Treatment	Total/NA	Solid	6020A	7688
885-7097-3	Cell 1 Treatment	Total/NA	Solid	6020A	7688

Eurofins Albuquerque

QC Association Summary

Client: Ensolum
Project/Site: Bisti LF

Job ID: 885-7097-1

Metals (Continued)

Analysis Batch: 8383 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-7688/1-A	Method Blank	Total/NA	Solid	6020A	7688
LCS 885-7688/3-A	Lab Control Sample	Total/NA	Solid	6020A	7688
LCSD 885-7688/4-A	Lab Control Sample Dup	Total/NA	Solid	6020A	7688
MRL 885-8383/14	Lab Control Sample	Total/NA	Solid	6020A	

Lab Chronicle

Client: Ensolum
Project/Site: Bisti LF

Job ID: 885-7097-1

Client Sample ID: Crude Treatment

Lab Sample ID: 885-7097-1

Date Collected: 06/27/24 12:35

Matrix: Solid

Date Received: 06/28/24 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			7690	AT	EET ALB	07/01/24 10:15
Total/NA	Analysis	8015D		1	7845	RA	EET ALB	07/02/24 13:41
Total/NA	Prep	5030C			7690	AT	EET ALB	07/01/24 10:15
Total/NA	Analysis	8021B		1	7849	RA	EET ALB	07/02/24 13:41
Total/NA	Prep	SHAKE			7719	KR	EET ALB	07/01/24 14:34
Total/NA	Analysis	8015D		1	7694	DH	EET ALB	07/01/24 18:53
Total/NA	Prep	300_Prep			7593	RC	EET ALB	06/28/24 09:56
Total/NA	Analysis	300.0		10	8052	JT	EET ALB	07/08/24 16:22
Total/NA	Prep	3050B			7688	TM	EET ALB	07/01/24 10:09
Total/NA	Analysis	6010B		2	7861	VP	EET ALB	07/03/24 08:42
Total/NA	Prep	3050B			7688	TM	EET ALB	07/01/24 10:09
Total/NA	Analysis	6010B		100	7861	VP	EET ALB	07/03/24 08:59
Total/NA	Prep	3050B			7893	TM	EET ALB	07/03/24 16:29
Total/NA	Analysis	6010B		2	7938	VP	EET ALB	07/05/24 09:42
Total/NA	Prep	3050B			7893	TM	EET ALB	07/03/24 16:29
Total/NA	Analysis	6010B		100	7938	VP	EET ALB	07/05/24 09:50
Total/NA	Prep	3050B			7688	TM	EET ALB	07/01/24 10:09
Total/NA	Analysis	6020A		10	8383	BV	EET ALB	07/12/24 12:54
Total/NA	Prep	7471B			7700	JR	EET ALB	07/01/24 11:34
Total/NA	Analysis	7471B		1	7807	JR	EET ALB	07/02/24 10:02

Client Sample ID: API Treatment

Lab Sample ID: 885-7097-2

Date Collected: 06/27/24 13:10

Matrix: Solid

Date Received: 06/28/24 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			7690	AT	EET ALB	07/01/24 10:15
Total/NA	Analysis	8015D		1	7845	RA	EET ALB	07/02/24 14:47
Total/NA	Prep	5030C			7690	AT	EET ALB	07/01/24 10:15
Total/NA	Analysis	8021B		1	7849	RA	EET ALB	07/02/24 14:47
Total/NA	Prep	SHAKE			7719	KR	EET ALB	07/01/24 14:34
Total/NA	Analysis	8015D		1	7694	DH	EET ALB	07/01/24 19:06
Total/NA	Prep	300_Prep			7593	RC	EET ALB	06/28/24 09:56
Total/NA	Analysis	300.0		20	7597	RC	EET ALB	06/28/24 21:47
Total/NA	Prep	3050B			7688	TM	EET ALB	07/01/24 10:09
Total/NA	Analysis	6010B		2	7861	VP	EET ALB	07/03/24 09:01
Total/NA	Prep	3050B			7688	TM	EET ALB	07/01/24 10:09
Total/NA	Analysis	6010B		100	7861	VP	EET ALB	07/03/24 09:14
Total/NA	Prep	3050B			7893	TM	EET ALB	07/03/24 16:29
Total/NA	Analysis	6010B		100	7938	VP	EET ALB	07/05/24 10:00
Total/NA	Prep	3050B			7893	TM	EET ALB	07/03/24 16:29
Total/NA	Analysis	6010B		2	8148	VP	EET ALB	07/10/24 08:48
Total/NA	Prep	3050B			7688	TM	EET ALB	07/01/24 10:09
Total/NA	Analysis	6020A		10	8383	BV	EET ALB	07/12/24 12:59

Eurofins Albuquerque

Lab Chronicle

Client: Ensolum
Project/Site: Bisti LF

Job ID: 885-7097-1

Client Sample ID: API Treatment
Date Collected: 06/27/24 13:10
Date Received: 06/28/24 07:00

Lab Sample ID: 885-7097-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			7700	JR	EET ALB	07/01/24 11:34
Total/NA	Analysis	7471B		1	7807	JR	EET ALB	07/02/24 10:04

Client Sample ID: Cell 1 Treatment
Date Collected: 06/27/24 13:30
Date Received: 06/28/24 07:00

Lab Sample ID: 885-7097-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			7690	AT	EET ALB	07/01/24 10:15
Total/NA	Analysis	8015D		1	7845	RA	EET ALB	07/02/24 15:53
Total/NA	Prep	5030C			7690	AT	EET ALB	07/01/24 10:15
Total/NA	Analysis	8021B		1	7849	RA	EET ALB	07/02/24 15:53
Total/NA	Prep	SHAKE			7719	KR	EET ALB	07/01/24 14:34
Total/NA	Analysis	8015D		1	7765	DH	EET ALB	07/02/24 12:57
Total/NA	Prep	300_Prep			7593	RC	EET ALB	06/28/24 09:56
Total/NA	Analysis	300.0		10	8052	JT	EET ALB	07/08/24 16:34
Total/NA	Prep	3050B			7688	TM	EET ALB	07/01/24 10:09
Total/NA	Analysis	6010B		2	7861	VP	EET ALB	07/03/24 09:22
Total/NA	Prep	3050B			7688	TM	EET ALB	07/01/24 10:09
Total/NA	Analysis	6010B		100	7861	VP	EET ALB	07/03/24 09:27
Total/NA	Prep	3050B			7893	TM	EET ALB	07/03/24 16:29
Total/NA	Analysis	6010B		100	7938	VP	EET ALB	07/05/24 10:06
Total/NA	Prep	3050B			7893	TM	EET ALB	07/03/24 16:29
Total/NA	Analysis	6010B		2	8148	VP	EET ALB	07/10/24 08:57
Total/NA	Prep	3050B			7688	TM	EET ALB	07/01/24 10:09
Total/NA	Analysis	6020A		10	8383	BV	EET ALB	07/12/24 13:04
Total/NA	Prep	7471B			7700	JR	EET ALB	07/01/24 11:34
Total/NA	Analysis	7471B		1	7807	JR	EET ALB	07/02/24 10:07

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

Accreditation/Certification Summary

Client: Ensolum
Project/Site: Bisti LF

Job ID: 885-7097-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
6020A	3050B	Solid	Copper

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 885-7097-1

Login Number: 7097

List Source: Eurofins Albuquerque

List Number: 1

Creator: Proctor, Nancy

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.	False	Refer to Job Narrative for details.
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").	True	



APPENDIX B

Landfarm Closure Inspection Checklist

LANDFARM NAME	
DATE	

Landfarm Closure Inspection Checklist			
ITEM / AREA	Yes, No, NA	Cell Number	COMMENTS / ACTION TAKEN
Berms Removed?			
Buildings, Fences, Roads, and Equipment Removed?			
Residual Contamination/Staining Removed and Sampled?			
Sampling Reports Submitted to NMOCD?			

NA – Not Applicable
Comment section should be used to provide details of unsatisfactory findings.

Additional Inspection Remarks:

Inspector Signature:_____

Manager Signature:_____

Name (Print):_____

Name (Print):_____

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Melanie A. Kenderdine
Cabinet Secretary

Benjamin Shelton
Deputy Secretary (Acting)

Gerasimos Razatos, Division Director (Acting)
Oil Conservation Division



BY ELECTRONIC MAIL ONLY

September 26, 2024

Ms. Kateri Luka
Western Refining Southwest LLC
111 County Road 4990
Bloomfield, New Mexico 87413
kaluka@marathonpetroleum.com

RE: Western Refining Southwest LLC – Notification of Cessation of Operations and Proposed Schedule for Permit NM2-010

Dear Ms. Luka:

The Oil Conservation Division (OCD) has reviewed Western Refining Southwest LLC's (Western) notification of cessation of operations and proposed schedule for Bisti Landfarm, Permit NM2-010. As indicated in Table 1 of the notification, the treatment zone closure sampling demonstrated that all constituent concentrations were either not detected above the laboratory PQL or were below the most stringent soil screening level approved for the Bisti Landfarm. The OCD also reviewed 2024 sampling of the vadose zone which showed all constituent concentrations were either not detected above the laboratory PQL or were below the most stringent soil screening level approved for the Bisti Landfarm.

The OCD hereby approves the treatment zone closure sampling and proposed landfarm closure schedule. The OCD understands diking operations will cease and soil will be left in place and revegetated. Western must remove all berms, buildings, fences, roads, and equipment starting either in winter 2024 or 2025 and implement the closure and post-closure plan approved by the OCD on April 8, 2024. Once the OCD determines closure and post-closure activities are complete, the OCD will release Western's financial insurance.

If Western has any questions regarding OCD's approval of the notification, please feel free to contact me at (505) 795-1722 or via email at LeighP.Barr@emnrd.nm.gov.

Take Care,

Leigh Barr

Leigh Barr - Administrative Permitting Supervisor

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 382082

CONDITIONS

Operator: Western Refining Southwest LLC 539 South Main Street Findlay, OH 45840	OGRID: 267595
	Action Number: 382082
	Action Type: [C-137] Non-Fee SWMF Submittal (SWMF NON-FEE SUBMITTAL)

CONDITIONS

Created By	Condition	Condition Date
Ibarr	Approval Letter was emailed to the operator and is attached to the notification.	9/26/2024