Received-by OCD: 8/17/2023 8:30:33 A Mate of New Mexico
Page 6 Oil Conservation Division

Incident ID nAPP2228036562

District RP
Facility ID
Application ID

Closure

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

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

A scaled site and sampling diagram as described in 19.15.29.11 NM.	AC
Photographs of the remediated site prior to backfill or photos of the must be notified 2 days prior to liner inspection)	liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC Distri	ct office must be notified 2 days prior to final sampling)
Description of remediation activities	
I hereby certify that the information given above is true and complete to the and regulations all operators are required to report and/or file certain release may endanger public health or the environment. The acceptance of a C-14 should their operations have failed to adequately investigate and remediate human health or the environment. In addition, OCD acceptance of a C-14 compliance with any other federal, state, or local laws and/or regulations. restore, reclaim, and re-vegetate the impacted surface area to the condition accordance with 19.15.29.13 NMAC including notification to the OCD where the surface area is the condition accordance with 19.15.29.13 NMAC including notification to the OCD where the surface area is the condition of the OCD where the surface area is the condition of the OCD where the surface area is the condition of the OCD where the surface area is the condition of the OCD where the surface area is the condition of the OCD where the surface area is the condition of the OCD where the surface area is the condition of the OCD where the surface area is the condition of the OCD where the surface area is the condition of the OCD where the surface area is the condition of the OCD where the surface area is the condition of the OCD where the surface area is the condition of the OCD where the surface area is the condition of the OCD where the surface area is the condition of the OCD where t	se notifications and perform corrective actions for releases which of report by the OCD does not relieve the operator of liability contamination that pose a threat to groundwater, surface water, a report does not relieve the operator of responsibility for the responsible party acknowledges they must substantially se that existed prior to the release or their final land use in the reclamation and re-vegetation are complete.
OCD Only	
Received by:	Date:
Closure approval by the OCD does not relieve the responsible party of liab remediate contamination that poses a threat to groundwater, surface water, party of compliance with any other federal, state, or local laws and/or regu	numan health, or the environment nor does not relieve the responsible
Closure Approved by:	Date:
Printed Name:	Title:

Form 3160-5 (June 2019)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0137 xpires: October 31, 2021

Expires: October 31,	
anna Carial Na	

BUREAU OF LAND MANAGEMENT		5. Lease Serial No.	N0G13121799
SUNDRY NOTICES AND REPORTS ON V		6. If Indian, Allottee	or Tribe Name
Do not use this form for proposals to drill or to abandoned well. Use Form 3160-3 (APD) for such		EASTERN NAVA	JO
SUBMIT IN TRIPLICATE - Other instructions on pag	ne 2	_	eement, Name and/or No.
1. Type of Well			NCOS/NMNM133321A
✓ Oil Well Gas Well Other		8. Well Name and No	S LYBROOK UNIT/344H
2. Name of Operator ENDURING RESOURCES LLC		9. API Well No. 3004	1321280
3a. Address 200 ENERGY COURT, FARMINGTON, NM 8740 3b. Phone No. (505) 497-85		10. Field and Pool or LYBROOK GALLU	Exploratory Area UP/LYBROOK GALLUP
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SEC 2/T22N/R7W/NMP		11. Country or Parish SANDOVAL/NM	ı, State
12. CHECK THE APPROPRIATE BOX(ES) TO IN	DICATE NATURE OF NOT	ICE, REPORT OR OT	HER DATA
TYPE OF SUBMISSION	TYPE OF AC	TION	
	raulic Fracturing Rec	duction (Start/Resume)	Well Integrity
Subsequent Report		omplete porarily Abandon	Other
		er Disposal	
completed. Final Abandonment Notices must be filed only after all requirement is ready for final inspection.) ENDURING RESOURCES WOULD LIKE TO REQUEST SPILL CLOS REPORT.	- -	-	
14. I hereby certify that the foregoing is true and correct. Name (<i>Printed/Typed</i>) HEATHER HUNTINGTON / Ph: (505) 636-9751	Permitting Technici	ian	
Signature	Date	08/04/2	2023
THE SPACE FOR FED	ERAL OR STATE OF	FICE USE	
Approved by			
DAVE J MANKIEWICZ / Ph: (505) 564-7761 / Approved	AFM-Minerals	i	08/07/2023 Date
Conditions of approval, if any, are attached. Approval of this notice does not warrar certify that the applicant holds legal or equitable title to those rights in the subject leads to which would entitle the applicant to conduct operations thereon.		ON	
Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for a	ny person knowingly and wil	lfully to make to any d	epartment or agency of the United States

any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)



July 28, 2023

Mr. Steve Smith
Enduring Resources
200 Energy Court
Farmington, New Mexico 87401

Re: Closure Report

South Lybrook 344H Surface Lay Flat Line Route

Sandoval County, New Mexico Incident Number: NAPP2228036562

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Enduring Resources, LLC (Enduring), has prepared the following *Closure Report* to document the work performed to address the release of produced water within the South Lybrook 344H Surface Lay Flat Line Route (Site). Based on the activities described in this report, Ensolum recommends Enduring request closure and no further action for Incident Number NAPP2228036562.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit K, Section 10, Township 22 North, Range 07 West, in Sandoval County, New Mexico (36.15281° N, 107.56416° W) (Figure 1) and is associated with oil and gas exploration and production operations on tribal surface land.

On October 6, 2022, a partial failure of a clamp in the lay flat line resulted in the release of an estimated 20 barrels (bbls) of produced water. The fluids spread out within the pipeline right-of-way (ROW), but due to heavy rainfall at the time of the release, fluid also migrated outside the ROW to the southeast. The fluid flowed southwest within a roadside ditch, following the general direction of the ROW, for approximately 750 feet before turning northwest and flowing along a two-track road for approximately 415 feet. Enduring personnel immediately shut-in the pipeline, built an earthen berm at the ROW to contain the fluids, and began planning for delineation and repairs. No surface waters appear to have been impacted by the release.

Enduring submitted a *Release Notification* Form C-141 (Form C-141) to the New Mexico Oil Conservation Division (NMOCD) on October 19, 2022, and the release was assigned Incident Number NAPP2228036562. Because the release occurred on tribal allotment lands, Enduring additionally notified the Bureau of Land Management (BLM) and Bureau of Indian Affairs (BIA).

BACKGROUND

Ensolum conducted an initial Site assessment on November 4, 2022, and additional delineation sampling on December 7, 2022. The results of these events are outlined in a *Remediation Work Plan* (dated December 29, 2022) and a *Revised Remediation Work Plan* (dated March 27, 2023) which were submitted to the NMOCD, BLM, and BIA. The work plans described findings for the

sampling events, which suggested a sheet flow of produced water near the release point traveled across surface soils to the roadside ditch without infiltrating significantly into the subsurface. Once the release channelized with the ditch, flow slowed and concentrated, allowing for soil saturation and infiltration of fluids to approximately 1 foot to 2 feet below ground surface (bgs) before reaching the upper surface of a sandstone. Rainwater likely advanced the release water downgradient, but the terminus was documented by a clean delineation sample. No petroleum hydrocarbons were identified in the soil, but chloride exceeding 600 milligrams per kilogram (mg/kg) was identified in limited areas. Based on multiple sampling events documenting a decrease in chloride concentrations, precipitation appeared to have promoted natural attenuation.

The original *Remediation Work Plan* proposed continued monitoring of natural attenuation through soil sampling and vegetation assessments in spring and summer of 2023. Based on comments from BLM, the *Revised Remediation Work Plan* included addition of gypsum to the soil if spring sampling results did not document a sufficient reduction in chloride concentrations at the limited remaining areas containing elevated chloride.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). The results are presented in the *Revised Remediation Work Plan*, and based on the presence of a significant watercourse, the following NMOCD Table I Closure Criteria (Closure Criteria) applies for chloride: 600 mg/kg. That standard aligns with a reclamation requirement and is used as guidance for this *Closure Report*.

ADDITIONAL MONITORING AND REMEDIATION ACTIVITIES

Based on the delineation efforts referenced above, Ensolum proposed a multi-tiered remediation approach to monitor and accelerate natural attenuation of chloride concentrations at sample locations that previously exceeded 600 mg/kg chloride. The following section describes those activities. A photographic log of sampling is included as Appendix A.

On April 21, 2023, Ensolum personnel collected soil samples following spring snowmelt. As proposed in the *Revised Remediation Work Plan*, five-point composite samples were collected within each 200 square foot section that previously exceeded Closure Criteria during the December 7, 2022 sampling event (sampling areas CS09, CS10, CS11, CS12, CS13, CS15, CS16, CS17, CS24, and CS25). Of note, composite sampling area CS24 was not assessed in April 2023 but was resampled on July 26, 2023. Additionally, four hand auger borings were advanced at locations previously exceeding the Closure Criteria (HA11, HA15, HA16, and HA18) and three discrete soil samples were collected from each boring at 0.5, 1, and 2 feet bgs. Soil sample locations are presented on Figure 2.

The five-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. Discrete soil samples were taken by collecting soil from a specific location and depth. Soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, and immediately placed on ice. The soil samples were transported on ice under strict chain-of-custody procedures to Hall Environmental Analysis Laboratory (Hall) for analysis of chloride by United States Environmental Protection Agency (EPA) Method 300.0.

Laboratory analytical results from the April 21, 2023 sampling event indicated that all composite soil samples exhibited a decrease in chloride concentration compared to the December 7, 2022



sampling event and did not exceed 600 mg/kg chloride. Additionally, chloride concentrations from three of the hand auger borings (HA15, HA16, and HA18) did not exceed 600 mg/kg, with results ranging from non-detect to 350 mg/kg. Sample HA11A, collected at 1-foot bgs, contained a chloride concentration of 900 mg/kg. Laboratory analytical results are summarized in Table 1 and the complete laboratory report is included as Appendix B.

Ensolum personnel returned to the Site on May 23, 2023 to field screen chloride concentrations in the soil near HA11. Results indicated that chloride concentrations remained elevated in soil at depths of 1 to 2 feet bgs. To address the residual chloride concentrations at this location, Ensolum personnel removed impacted soil up to a depth of 2 feet bgs near HA11 using a hand shovel on June 2, 2023. In total, approximately one cubic yard of soil was removed for disposal at the landfarm operated by Envirotech, Inc. and located in San Juan County, New Mexico. This area was backfilled with a mixture of clean soil and finely powdered gypsum. On June 27, 2023, Ensolum personnel returned to the Site and advanced one hand auger boring to 2.5 feet bgs to reassess chloride concentrations at location HA11. Laboratory analytical results from sample "HA11@2.5" indicated that no chloride was detected above laboratory reporting limits.

Vegetation within the ROW was monitored in July 2023 to assess the percentage of cover and relative health of impacted areas as compared to adjacent unimpacted vegetation. Photograph 5 was taken within the affected area of the ROW and Photograph 6 was taken in an adjacent, unaffected area. As seen in the photographs, vegetation quality and coverage is similar both within and outside of the release area, indicating that vegetation was not significantly impacted by the release. Photographs 7 and 8 show areas where the release migrated outside of the ROW towards the ditch and roadway southeast of the release point. Similar to the affected area of the ROW, the more mature vegetation in the area closer to the ditch did not appear to be impacted by the release. Photographs of the current vegetation are included in Appendix A.

CONCLUSIONS AND CLOSURE REQUEST

The release of produced water resulted in presence of elevated chloride concentrations in surface soil in the pipeline ROW and in the shallow subsurface of the upper reaches of the roadside ditch, where release water channelized and slowed. Natural attenuation by rainwater and snowmelt decreased the chloride concentrations as documented by soil sampling results collected 1 month (December 2022) and 5 months (April 2023) after the release. In the location where the release channelized and concentrated into the roadside ditch (represented by sample location HA11), chloride concentrations in soil from 1- to 2 feet bgs required active remediation. Because the volume of residually impacted soil was so small, Ensolum manually removed the impacted soil at HA11 to expose the underlying sandstone at 2.5 feet bgs, then backfilled with a mixture of clean soil and finely powdered gypsum.

Laboratory analytical results from all final confirmation soil samples collected at the Site indicate chloride concentrations have been reduced to less than 600 mg/kg and no further remediation is required. As such, Enduring respectfully requests closure for Incident Number NAPP2228036562.



Enduring Resources, LLC Closure Report South Lybrook 344H Surface Lay Flat Line Route

Page 4

Ensolum appreciates the opportunity to provide this *Closure Report* to the NMOCD. If you have any questions or comments, please contact the undersigned.

Sincerely,

Ensolum, LLC

Reece Hanson Staff Geologist 970-210-9803

rhanson@ensolum.com

Ashley Ager, MS, PG Principal, Geologist 970-946-1093 aager@ensolum.com

ashley L. ager

Attachments:

Figure 1 Site Location Map

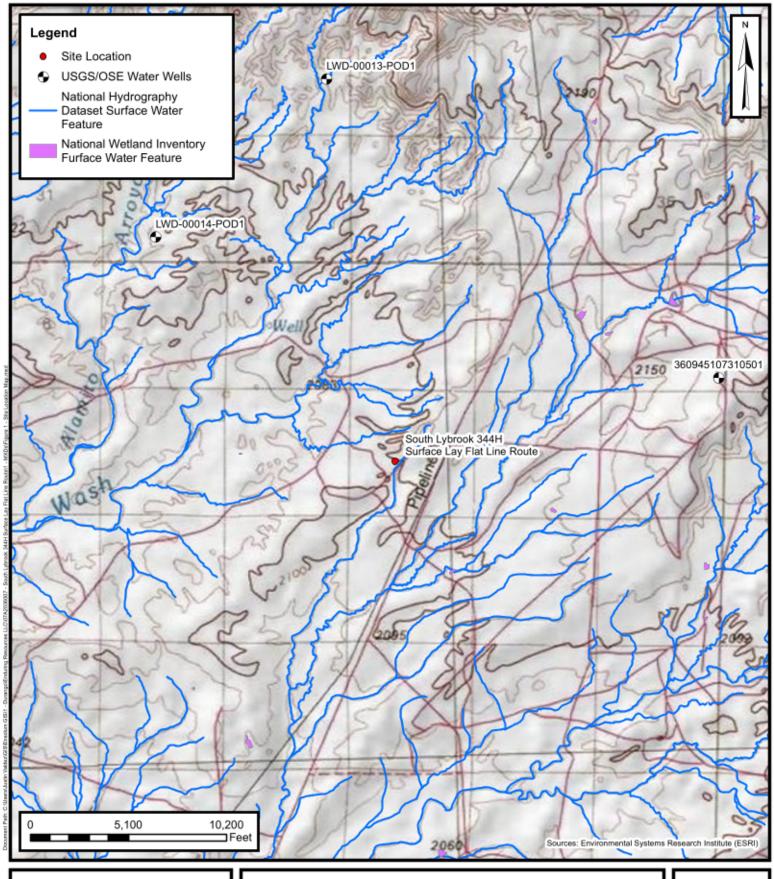
Figure 2 2023 Soil Sample Locations Table 1 Soil Sample Analytical Results

Appendix A Photographic Log

Appendix B Laboratory Analytical Reports



FIGURES

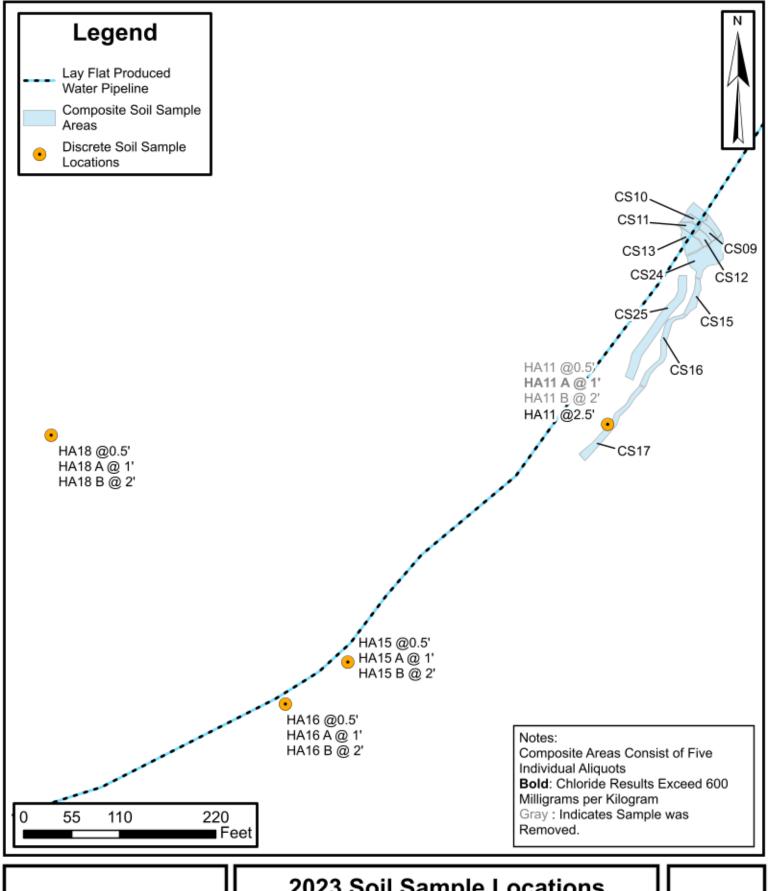




Site Location Map

South Lybrook 344H Surface Lay Flat Line Route Enduring Resources, LLC 36.152806°, -107.564385° Sandoval County, New Mexico **FIGURE**

1



2023 Soil Sample Locations

South Lybrook 344H Surface Lay Flat Line Route Enduring Resources, LLC

> 36.152806, -107.564385 Sandoval County, New Mexico

FIGURE

Released to Imaging: 2/1/2024 4:00:02 PM

Sources: Environmental Systems Research Institute (ESRI), Maxar, Microsoft



TABLES



TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS SOUTH LYBROOK 344H SURFACE LAY FLAT LINE ROUTE ENDURING RESOURCES, LLC SANDOVAL COUNTY, NEW MEXICO

	SANDOVAL SOON	, , , , , , , , , , , , , , , , , , , ,	
Sample Identification	Sample Date	Sample Depth (feet bgs)	Chloride (mg/kg)
NMOCD Table I Closure	Criteria (NMAC 19.15.29)		600
	5-Point Compos	ite Soil Samples	
CS09	04/21/2023	0 - 0.5	500
CS10	04/21/2023	0 - 0.5	<60
CS11	04/21/2023	0 - 0.5	110
CS12	04/21/2023	0 - 0.5	<60
CS13	04/21/2023	0 - 0.5	<60
CS15	04/21/2023	0 - 0.5	<60
CS16	04/21/2023	0 - 0.5	160
CS17	04/21/2023	0 - 0.5	63
CS24	07/26/2023	0 - 0.5	223
CS25	04/21/2023	0 - 0.5	<60
	Discrete Sc	oil Samples	
HA11	04/21/2023	0-0.5	<60
HA11 A	04/21/2023	4	900
HA11 B	04/21/2023	2	<59
HA11 @2.5'	06/27/2023	2.5	<61
HA15	04/21/2023	0 - 0.5	<59
HA15 A	04/21/2023	1	120
HA15 B	04/21/2023	2	350
HA16	04/21/2023	0 - 0.5	<60
HA16 A	04/21/2023	1	98
HA16 B	04/21/2023	2	200
HA18	04/21/2023	0 - 0.5	<60
HA18 A	04/21/2023	1	190
HA18 B	04/21/2023	2	61

Notes:

bgs: below ground surface mg/kg: milligrams per kilogram

Grey text indicates soil sample removed during remedial activities

Ensolum 1 of 1



APPENDIX A

Photographic Log



Photographic Log

Enduring Resources, LLC South Lybrook 344H Surface Lay Flat Line Route Sandoval County, New Mexico



Photograph: 1 Date: 6/2/2023

Description: Hand dug area around HA11

View: Northeast



Photograph: 2 Date: 6/2/2023

Description: Backfilled area around HA11

View: Southeast



Photograph: 3 Date: 6/2/2023

Description: Backfilled area around HA11

View: Northeast



Photograph: 4 Date: 6/27/2023

Description: Auger location - Sample HA11 @2.5'

View: Southeast

ENSOLUM

Photographic Log

Enduring Resources, LLC South Lybrook 344H Surface Lay Flat Line Route Sandoval County, New Mexico





Photograph: 5 Date: 6/26/2023

Description: Pipeline ROW vegetation in release area

View: Looking south from release point

Photograph: 6 Date: 6/26/2023
Description: Pipeline ROW vegetation outside release
View: South





Photograph: 7 Date: 6/26/2023 Description: Release migrated out of ROW into ditch

View: Northeast

Photograph: 8 Date: 6/26/2023

Description: Vegetation outside ROW to the east

View: Northwest



APPENDIX B

Laboratory Analytical Reports



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

May 03, 2023

Brooke Herb ENSOLUM 606 S. Rio Grande Suite A Aztec, NM 87410

TEL: (903) 821-5603 FAX

RE: 344 H OrderNo.: 2304A27

Dear Brooke Herb:

Hall Environmental Analysis Laboratory received 24 sample(s) on 4/25/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Batch ID

Analytical Report

RL Qual Units DF Date Analyzed

Lab Order: 2304A27 Date Reported: 5/3/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM Lab Order: 2304A27

Project: 344 H

Analyses

Lab ID: 2304A27-001 Collection Date: 4/21/2023 11:10:00 AM

Result

Client Sample ID: CS07 Matrix: SOIL

EPA METHOD 300.0; ANIONS Analyst: SNS

EPA METHOD 300.0: ANIONS

Analyst: SNS

Chlorida

220

60

mg//c

20 4/26/2023 12:21:47 AM 7455

Chloride 330 60 mg/Kg 20 4/26/2023 12:31:47 AM 74553

Lab ID: 2304A27-002 **Collection Date:** 4/21/2023 11:12:00 AM

Client Sample ID: CS08 Matrix: SOIL

Analyses Result RL Qual Units DF Date Analyzed Batch ID

EPA METHOD 300.0: ANIONS

Chloride

ND

60

mg/Kg

20

4/26/2023 12:44:11 AM

74553

Lab ID: 2304A27-003 Collection Date: 4/21/2023 11:14:00 AM

Client Sample ID: CS09 Matrix: SOIL

Analyses Result RL Qual Units DF Date Analyzed Batch ID

EPA METHOD 300.0: ANIONS

Chloride

500

60

mg/Kg

20

4/26/2023 1:21:24 AM

74553

Lab ID: 2304A27-004 Collection Date: 4/21/2023 11:16:00 AM

Client Sample ID: CS10 Matrix: SOIL

Analyses Result RL Qual Units DF Date Analyzed Batch ID

EPA METHOD 300.0: ANIONS Analyst: SNS

Chloride ND 60 mg/Kg 20 4/26/2023 1:33:49 AM 74553

Lab ID: 2304A27-005 Collection Date: 4/21/2023 11:18:00 AM

Client Sample ID: CS11 Matrix: SOIL

Analyses Result RL Qual Units DF Date Analyzed Batch ID

EPA METHOD 300.0: ANIONS Analyst: SNS

Chloride 110 60 mg/Kg 20 4/26/2023 1:46:14 AM 74553

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 7

Lab Order: 2304A27 Date Reported: 5/3/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: **ENSOLUM** Lab Order: 2304A27

Project: 344 H

Lab ID: 2304A27-006 Collection Date: 4/21/2023 11:20:00 AM

Client Sample ID: CS12 Matrix: SOIL

Analyses Result RL Qual Units DF Date Analyzed Batch ID

EPA METHOD 300.0: ANIONS Analyst: SNS Chloride ND 60 4/26/2023 1:58:39 AM 74553

mg/Kg

20

Lab ID: 2304A27-007 Collection Date: 4/21/2023 11:22:00 AM

Client Sample ID: CS13 Matrix: SOIL

Result RL Qual Units DF Date Analyzed Analyses Batch ID

EPA METHOD 300.0: ANIONS Analyst: SNS Chloride ND 60 20 4/26/2023 2:11:03 AM 74553 mg/Kg

Lab ID: 2304A27-008 Collection Date: 4/21/2023 11:24:00 AM

Client Sample ID: CS15 Matrix: SOIL

Result RL Qual Units DF Date Analyzed Analyses Batch ID

EPA METHOD 300.0: ANIONS Analyst: SNS Chloride ND 60 mg/Kg 20 4/26/2023 2:23:28 AM 74553

Collection Date: 4/21/2023 11:26:00 AM Lab ID: 2304A27-009

Client Sample ID: CS16 Matrix: SOIL

Result RL Qual Units DF Date Analyzed Batch ID Analyses

EPA METHOD 300.0: ANIONS Analyst: SNS

Chloride 160 60 mg/Kg 20 4/26/2023 2:35:52 AM 74553

Lab ID: 2304A27-010 Collection Date: 4/21/2023 11:28:00 AM

Client Sample ID: CS17 Matrix: SOIL

Result RL Qual Units DF Date Analyzed Batch ID Analyses

EPA METHOD 300.0: ANIONS Analyst: SNS

Chloride 63 60 20 4/26/2023 2:48:17 AM 74553 mg/Kg

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 2 of 7

Lab Order: 2304A27 Date Reported: 5/3/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: **ENSOLUM** Lab Order: 2304A27

Project: 344 H

Lab ID: 2304A27-011 Collection Date: 4/21/2023 11:30:00 AM

Client Sample ID: CS25 Matrix: SOIL

Analyses Result RL Qual Units DF Date Analyzed Batch ID

EPA METHOD 300.0: ANIONS Analyst: SNS

Chloride ND 60 4/26/2023 3:00:42 AM 74553 mg/Kg 20

Lab ID: 2304A27-012 Collection Date: 4/21/2023 10:55:00 AM

Client Sample ID: HA11 Matrix: SOIL

Result RL Qual Units DF Date Analyzed Analyses Batch ID

EPA METHOD 300.0: ANIONS Analyst: SNS Chloride ND 60 20 4/26/2023 3:13:06 AM 74553 mg/Kg

Lab ID: 2304A27-013 Collection Date: 4/21/2023 10:57:00 AM

Client Sample ID: HA11 A Matrix: SOIL

Result RL Qual Units DF Date Analyzed Analyses Batch ID

EPA METHOD 300.0: ANIONS Analyst: SNS Chloride 900 60 mg/Kg 20 4/26/2023 8:23:24 PM 74584

2304A27-014 Collection Date: 4/21/2023 10:59:00 AM Lab ID:

Client Sample ID: HA11 B Matrix: SOIL

Result RL Qual Units DF Date Analyzed Batch ID Analyses

EPA METHOD 300.0: ANIONS Analyst: SNS

59

ND Lab ID: 2304A27-015 Collection Date: 4/21/2023 11:05:00 AM

Client Sample ID: HA15 Matrix: SOIL

Result RL Qual Units DF Date Analyzed Batch ID Analyses

EPA METHOD 300.0: ANIONS Analyst: SNS

Chloride ND 59 20 4/26/2023 8:48:06 PM 74584 mg/Kg

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Chloride

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value

mg/Kg

20 4/26/2023 8:35:45 PM

- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 3 of 7

74584

Lab Order: 2304A27 Date Reported: 5/3/2023

Hall Environmental Analysis Laboratory, Inc.

ENSOLUM

Lab Order: 2304A27

Project: 344 H

CLIENT:

Lab ID: 2304A27-016 Collection Date: 4/21/2023 11:07:00 AM

Client Sample ID: HA15 A Matrix: SOIL

Analyses Result RL Qual Units DF Date Analyzed Batch ID

EPA METHOD 300.0: ANIONS

Chloride 120 60 mg/Kg 20 4/26/2023 9:00:27 PM 74584

Lab ID: 2304A27-017 Collection Date: 4/21/2023 11:10:00 AM

Client Sample ID: HA15 B Matrix: SOIL

Analyses Result RL Qual Units DF Date Analyzed Batch ID

EPA METHOD 300.0: ANIONS

Chloride 350 60 mg/Kg 20 4/26/2023 9:12:47 PM 74584

Lab ID: 2304A27-018 Collection Date: 4/21/2023 11:18:00 AM

Client Sample ID: HA16 Matrix: SOIL

Analyses Result RL Qual Units DF Date Analyzed Batch ID

 EPA METHOD 300.0: ANIONS
 Analyst: SNS

 Chloride
 ND
 60
 mg/Kg
 20
 4/26/2023 9:25:08 PM
 74584

Lab ID: 2304A27-019 Collection Date: 4/21/2023 11:21:00 AM

Client Sample ID: HA16 A Matrix: SOIL

Analyses Result RL Qual Units DF Date Analyzed Batch ID

EPA METHOD 300.0: ANIONS Analyst: SNS

60

Lab ID: 2304A27-020 Collection Date: 4/21/2023 11:25:00 AM

98

Client Sample ID: HA16 B Matrix: SOIL

Analyses Result RL Qual Units DF Date Analyzed Batch ID

EPA METHOD 300.0: ANIONS Analyst: SNS

Chloride 200 60 mg/Kg 20 4/26/2023 10:14:30 PM 74584

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Chloride

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value

mg/Kg

20 4/26/2023 9:37:28 PM

- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 4 of 7

74584

Lab Order: 2304A27 Date Reported: 5/3/2023

Hall Environmental Analysis Laboratory, Inc.

ENSOLUM

2304A27

Lab Order:

Project: 344 H

CLIENT:

Lab ID: 2304A27-021 Collection Date: 4/21/2023 11:30:00 AM

Client Sample ID: HA18 Matrix: SOIL

Analyses Result RL Qual Units DF Date Analyzed Batch ID

EPA METHOD 300.0: ANIONS Analyst: SNS

Chloride ND 60 mg/Kg 20 4/26/2023 10:26:50 PM 74584

Lab ID: 2304A27-022 Collection Date: 4/21/2023 11:33:00 AM

Client Sample ID: HA18 A Matrix: SOIL

Analyses Result RL Qual Units DF Date Analyzed Batch ID

EPA METHOD 300.0: ANIONS

Chloride

Analyst: JMT

60 mg/Kg 20 4/27/2023 4:19:07 PM 74601

Lab ID: 2304A27-023 Collection Date: 4/21/2023 11:35:00 AM

Client Sample ID: HA18 B Matrix: SOIL

Analyses Result RL Qual Units DF Date Analyzed Batch ID

EPA METHOD 300.0: ANIONS

Chloride

61

60

mg/Kg

20

5/1/2023 7:19:10 PM

74674

Lab ID: 2304A27-024 Collection Date: 4/21/2023 11:16:00 AM

Client Sample ID: CS10- Dup Matrix: SOIL

Analyses Result RL Qual Units DF Date Analyzed Batch ID

EPA METHOD 300.0: ANIONS Analyst: SNS

Chloride 67 60 mg/Kg 20 5/1/2023 7:56:12 PM 74674

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limi
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limi

Page 5 of 7

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2304A27

03-May-23

Client:	ENSOLUM
Project:	344 H

Client:	ENSOLU	JUM	
Project:	344 H		
Sample ID:	MB-74553	SampType: mblk TestCode: EPA Method 300.0: Anions	
Client ID:	PBS	Batch ID: 74553 RunNo: 96292	
Prep Date:	4/25/2023	Analysis Date: 4/25/2023 SeqNo: 3487901 Units: mg/Kg	
Analyte		Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual	1
Chloride		ND 1.5	
Sample ID:	LCS-74553	SampType: Ics TestCode: EPA Method 300.0: Anions	
Client ID:	LCSS	Batch ID: 74553 RunNo: 96292	
Prep Date:	4/25/2023	Analysis Date: 4/25/2023 SeqNo: 3487902 Units: mg/Kg	
Analyte		Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual	í
Chloride		14 1.5 15.00 0 93.9 90 110	
Sample ID:	MB-74584	SampType: MBLK TestCode: EPA Method 300.0: Anions	
Client ID:	PBS	Batch ID: 74584 RunNo: 96342	
Prep Date:	4/26/2023	Analysis Date: 4/26/2023 SeqNo: 3489317 Units: mg/Kg	
Analyte		Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual	
Chloride		ND 1.5	
Sample ID:	LCS-74584	SampType: LCS TestCode: EPA Method 300.0: Anions	
Client ID:	LCSS	Batch ID: 74584 RunNo: 96342	
Prep Date:	4/26/2023	Analysis Date: 4/26/2023 SeqNo: 3489318 Units: mg/Kg	
Analyte		Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual	İ
Chloride		14 1.5 15.00 0 93.5 90 110	
Sample ID:	MB-74601	SampType: mblk TestCode: EPA Method 300.0: Anions	
Client ID:	PBS	Batch ID: 74601 RunNo: 96357	
Prep Date:	4/27/2023	Analysis Date: 4/27/2023 SeqNo: 3490739 Units: mg/Kg	
Analyte		Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual	İ
Chloride		ND 1.5	
Sample ID:	LCS-74601	SampType: Ics TestCode: EPA Method 300.0: Anions	
Client ID:	LCSS	Batch ID: 74601 RunNo: 96357	
Prep Date:	4/27/2023	Analysis Date: 4/27/2023 SeqNo: 3490740 Units: mg/Kg	

Qualifiers:

Analyte

Chloride

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.

Result

PQL

1.5

- Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

SPK value SPK Ref Val %REC

15.00

Page 6 of 7

%RPD

HighLimit

110

LowLimit

RPDLimit

Qual

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

2304A27 03-May-23

Client: **ENSOLUM** Project: 344 H

Sample ID: MB-74674 SampType: mblk TestCode: EPA Method 300.0: Anions

Batch ID: 74674 Client ID: PBS RunNo: 96419

Prep Date: 5/1/2023 Analysis Date: 5/1/2023 SeqNo: 3494434 Units: mg/Kg

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analyte

Chloride ND 1.5

Sample ID: LCS-74674 SampType: Ics TestCode: EPA Method 300.0: Anions

Batch ID: 74674 RunNo: 96419 Client ID: LCSS

Units: mg/Kg Prep Date: 5/1/2023 Analysis Date: 5/1/2023 SeqNo: 3494435

SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Analyte Qual

Chloride 16 1.5 15.00 0 109 110

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated.

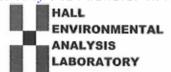
Analyte detected in the associated Method Blank

Above Quantitation Range/Estimated Value

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 7 of 7



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

CI	ent Name:	ENSOLUM		Work	Order Number	230	4A27			RcptNo: 1	_
Re	ceived By:	Tracy Cas	arrubias	4/25/20	23 6:20:00 AN	1					
	mpleted By: viewed By:	Tracy Cas	arrubias 75-23	4/25/20	23 9:13:58 AM	ı					
Ch	ain of Cus	tody									
1.	Is Chain of Cu	ustody comp	lete?			Yes		No	V	Not Present	
2.	How was the	sample deliv	ered?			Cou	rier				
Lo	og In								_		
3.	Was an attem	pt made to o	cool the samp	les?		Yes	V	No		NA 🗆	
4. \	Were all samp	oles received	at a tempera	ture of >0° C	to 6.0°C	Yes	\checkmark	No		na 🗆	
5.	Sample(s) in p	proper contai	iner(s)?			Yes	V	No			
6. \$	Sufficient sam	ple volume f	or indicated te	est(s)?		Yes	V	No			
7.	Are samples (except VOA	and ONG) pro	perly preserve	ed?	Yes	V	No			
8. \	Vas preservat	tive added to	bottles?			Yes		No	V	NA 🗆	
9. r	Received at le	ast 1 vial wit	h headspace	<1/4" for AQ V	OA?	Yes		No		NA ☑	
10.	Were any san	nple containe	ers received b	roken?		Yes		No	V	# of preserved	
	Does paperwo Note discrepa		ttle labels?)		Yes	V	No		for pH: (<2 or >12 unless noted	3)
12./	Are matrices c	correctly iden	tified on Chai	n of Custody?		Yes	V	No		Adjusted?	
13.1	s it clear what	analyses w	ere requested	?		Yes	v	No			
	Vere all holding	-	to be met?			Yes	V	No		Checked by:	
	cial Handli		,						,	W 4/25/23	
		A		with this order	,	Yes		No		NA 🗹	
	Person	Notified:			Date:	-		-			
	By Who	m:			Via:	_ eM	ail [Phone [Fax	☐ In Person	
	Regardi	ing:			-		-				
	Client In	structions:	Mailing addre	ess and phone	number missi	ng on 0	COC-	TMC 4/25/2	3		
16.	Additional rer	marks:									
17.	Cooler Infor	mation									
	Cooler No	-	Condition	Seal Intact	Seal No	Seal D	ate	Signed	Ву		
	1	3.2	Good	Yes	Morty						
	2	2.5	Good	Yes	Morty					1	

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Turn-Around Time:	X Standard	Project Name:	2	Project #:		Project Manager:	ν.	Sampler	On Ice:	# of Coolers:	Cooler Temp(Industring CF)	Container P							7				7	10	Received by:	Received by:
Chain-of-Custody Record		Herb				o ensolum, com	☐ Level 4 (Full Validation)	moliance				Sample Name	H411 A	4411 B	MATE THAIS	F14+3- PS HA15A	* HAIS	#413 HAIC	49184 8 ELAH	HA 163	HA18	H 918 A	8	CSIO- Dano mostyleste	1	Time: Reinquished by: Received by: 1813 Moth all &
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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

July 06, 2023

Stuart Hyde ENSOLUM

606 S. Rio Grande Suite A

Aztec, NM 87410 TEL: (903) 821-5603

FAX:

RE: South Lybrook 344H OrderNo.: 2306E07

Dear Stuart Hyde:

Hall Environmental Analysis Laboratory received 1 sample(s) on 6/28/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report Lab Order 2306E07

Date Reported: 7/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM Client Sample ID: HA11@2.5'

Project: South Lybrook 344H Collection Date: 6/27/2023 1:26:00 PM

2306E07-001 Lab ID: Matrix: SOIL Received Date: 6/28/2023 6:45:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	st: JMT
Chloride	ND	61	mg/Kg	20	7/3/2023 8:00:38 PM	75965

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated.
- Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 1 of 2

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

2306E07 06-Jul-23

WO#:

Client: ENSOLUM

Project: South Lybrook 344H

Sample ID: MB-75965 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 75965 RunNo: 97896

Prep Date: 7/3/2023 Analysis Date: 7/3/2023 SeqNo: 3561641 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-75965 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 75965 RunNo: 97896

Prep Date: 7/3/2023 Analysis Date: 7/3/2023 SeqNo: 3561642 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 94.9 90 110

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

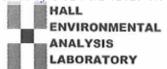
E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 2 of 2



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: ENSC	DLUM	Work Order Number	r: 2306E0	7		RcptNo	x: 1	
Completed By: Trac	y Casarrubias y Casarrubias N. C.	6/28/2023 6:45:00 AN 6/28/2023 7:16:31 AN Gしょくくろ						
Chain of Custody 1. Is Chain of Custody 2. How was the sample			Yes Courier) No	V	Not Present		
Log In 3. Was an attempt mad	de to cool the samples?	,	Yes 🗸	No		NA 🗆		
4. Were all samples rec	ceived at a temperature	of >0° C to 6.0°C	Yes 🗹	No		NA 🗆		
5. Sample(s) in proper	container(s)?		Yes 🗸	No				
Sufficient sample vol Are samples (except	VOA and ONG) proper		Yes ✓ Yes ✓	No No				
8. Was preservative add			Yes 🗌	No	_	NA 🗆		
Received at least 1 v Were any sample co			Yes ☐	No No	\mathbf{V}	# of preserved bottles checked		
11. Does paperwork mate (Note discrepancies of			Yes 🗹	No		for pH: (<2 o	or >12 unless noted)	
12. Are matrices correctly		Custody?	Yes 🗹	No	-	Adjusted?		
13. Is it clear what analys 14. Were all holding time (If no, notify custome	s able to be met?		Yes ✓ Yes ✓	No No	_	Checked by:	Ju6/28/2	3
Special Handling (i	f applicable)							
15. Was client notified o	f all discrepancies with	this order?	Yes	No		NA ☑		
Person Notified By Whom: Regarding: Client Instructi		Date: Via:	eMail	Phone		☐ In Person		
16. Additional remarks:	jiriaming addition	and priving realition and it		. Time or	20.20			
17. Cooler Information Cooler No Ten 1 5.2	and the same of the		Seal Date	Signed	Ву			

Received by OCD: 8/17/2023	8:30:33 AM	Page 31 of 41
HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com /kins NE - Albuquerque, NM 87109 345-3975 Fax 505-345-4107 Analysis Request	Total Coliform (Present/Absent)	Time 454 CL: rhm52n @ en Solum.com Time (Sign) Time
LYSIS LAE LYSIS LAE allenvironmental.co - Albuquerque, NI Fax 505-345- Analysis Request	(AOV-ime2) 07S8	2 Anotaty
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sn \downarrow^{\pm}	email or Fax#: らりょん といらしへ、こっへ QA/QC Package: □ Standard □ Standard □ Standard □ Standard □ Standard □ Date Time Matrix Sample Name (//24/18) くっと くっさ	Date: Time: Relinquished by: Date: Time: Relinquished by: 1812 1812

Report to: Stuart Hyde



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Ensolum, LLC

Project Name: NEU 344

Work Order: E307146

Job Number: 23003-C-0001

Received: 7/26/2023

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 7/27/23

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

Stuart Hyde 3122 National Parks Hwy Carlsbad, NM 88220

Project Name: NEU 344 Workorder: E307146

Date Received: 7/26/2023 2:18:00PM

Stuart Hyde,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/26/2023 2:18:00PM, under the Project Name: NEU 344.

The analytical test results summarized in this report with the Project Name: NEU 344 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

I	Ensolum, LLC	Project Name:	NEU 344	
I	3122 National Parks Hwy	Project Number:	23003-C-0001	Reported:
	Carlsbad NM, 88220	Project Manager:	Stuart Hyde	07/27/23 13:16

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS24	E307146-01A	Soil	07/26/23	07/26/23	Glass Jar, 4 oz.



Sample Data

Ensolum, LLC	Project Name:	NEU 344	
3122 National Parks Hwy	Project Number:	23003-C-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Stuart Hyde	7/27/2023 1:16:07PM

CS24

E307146-01

Reporting										
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes				
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	KF		Batch: 2330062				
Chloride	223	20.0	1	07/26/23	07/26/23		_			

Analyst: KF

QC Summary Data

		_	·	
Enso	olum, LLC	Project Name:	NEU 344	Reported:
3122	2 National Parks Hwy	Project Number:	23003-C-0001	.
Carl	lsbad NM, 88220	Project Manager:	Stuart Hyde	7/27/2023 1:16:07PM

Anions by EPA 300.0/9056A

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2330062-BLK1)						P	repared: 0	7/26/23 Analy	yzed: 07/26/23
Chloride	ND	20.0				р	Pranarad: ()	7/26/22 Anal	urad: 07/26/23

20.0	250		99.2	90-110			
					Prepared: 07	/26/23 A	nalyzed: 07/26/23
20.0	250		98.6	90-110	0.608	20	
	20.0	20.0 250	20.0 250	20.0 250 98.6	20.0 250 98.6 90-110	20.0 250 98.6 90-110 0.608	20.0 250 98.6 90-110 0.608 20

QC Summary Report Comment:

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



Definitions and Notes

	Ensolum, LLC	Project Name:	NEU 344	
ı	3122 National Parks Hwy	Project Number:	23003-C-0001	Reported:
ı	Carlsbad NM, 88220	Project Manager:	Stuart Hyde	07/27/23 13:16

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



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Project in	formation	0/1//202	3 0.30.	33 AM				Chain o	of Custod	y													Pag	<u> </u>	of _
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Time Sampled	Date Sampled	Matrix	No. of Container	Sample IC					Lab Number	8	GRO/DRO by 8015	втех ьу	vOC by 8260	Metals 6010	Chloride 300.0	BGDOC	TCEQ 1005-TX						Remarks		
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Printed: 7/26/2023 2:25:10PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Ensolum, LLC	Date Received:	07/26/23	14:18	Work Order ID:	E307146
Phone:	(575) 988-0055	Date Logged In:	07/26/23	14:22	Logged In By:	Alexa Michaels
Email:	shyde@ensolum.com	Due Date:		17:00 (0 day TAT)	Luggett III Dy.	11000
				,		
Chain of	Custody (COC)					
1. Does th	e sample ID match the COC?		Yes			
	e number of samples per sampling site location mat	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Courier		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes	Currer: Courter		
	Il samples received within holding time?	,	Yes			
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion	,			Comment	ts/Resolution
	urn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		Yes			
Sample C	Cooler					
	ample cooler received?		Yes			
	was cooler received in good condition?		Yes			
9. Was the	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes,	were custody/security seals intact?		NA			
12. Was th	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling		Yes			
13. If no 1	risible ice, record the temperature. Actual sample	temperature: 16	5°C			
Sample C	Container					
	queous VOC samples present?		No			
15. Are V	OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	trip blank (TB) included for VOC analyses?		NA			
18. Are no	on-VOC samples collected in the correct containers'	?	Yes			
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes			
Field Lat	<u>oel</u>					
20. Were	field sample labels filled out with the minimum info	ormation:				
	ample ID?		Yes			
	ate/Time Collected?		Yes			
	ollectors name?		Yes			
	reservation the COC or field labels indicate the samples were pr	racamod?	Von			
		ieserveu:	Yes			
	umple(s) correctly preserved? filteration required and/or requested for dissolved n	natale?	No			
		iciais:	No			
	se Sample Matrix	_				
	the sample have more than one phase, i.e., multipha		No			
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcontr	act Laboratory					
28. Are sa	imples required to get sent to a subcontract laborato	ry?	No			
29. Was a	subcontract laboratory specified by the client and it	f so who?	NA	Subcontract Lab: NA		
Client Ir	struction					
				_		- 13
Signat	ure of client authorizing changes to the COC or sample dis	position.		Date	e	envirotech Inc.

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 253090

CONDITIONS

Operator:	OGRID:
ENDURING RESOURCES, LLC	372286
6300 S Syracuse Way, Suite 525 Centennial, CO 80111	Action Number:
	253090
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created B	y Condition	Condition Date
scwells	Accepted for the record. Incident on tribal land.	2/1/2024