



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

April 29, 2016

Heather Patterson
NMOCD District II
1301 W Grand Ave
Artesia, NM 88210
TEL: (575)748-1283
FAX

RE: SRO 101

OrderNo.: 1604907

Dear Heather Patterson:

Hall Environmental Analysis Laboratory received 4 sample(s) on 4/20/2016 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 #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order: 1604907

Date Reported: 4/29/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: NMOCD District II
Project: SRO 101

Lab Order: 1604907

Lab ID: 1604907-001

Collection Date: 4/15/2016 9:40:00 AM

Client Sample ID: S1-1'

Matrix: SOIL

Analyses Result PQL Qual Units DF Date Analyzed Batch ID

EPA METHOD 300.0: ANIONS

Analyst: LGT

Chloride 93 30 mg/Kg 20 4/25/2016 5:37:59 PM 24978

Lab ID: 1604907-002

Collection Date: 4/15/2016 9:40:00 AM

Client Sample ID: S1-3'

Matrix: SOIL

Analyses Result PQL Qual Units DF Date Analyzed Batch ID

EPA METHOD 300.0: ANIONS

Analyst: LGT

Chloride 4900 300 mg/Kg 200 4/26/2016 4:08:15 PM 24978

Lab ID: 1604907-003

Collection Date: 4/15/2016 10:00:00 AM

Client Sample ID: S2-1'

Matrix: SOIL

Analyses Result PQL Qual Units DF Date Analyzed Batch ID

EPA METHOD 300.0: ANIONS

Analyst: LGT

Chloride 400 30 mg/Kg 20 4/25/2016 6:52:27 PM 24978

Lab ID: 1604907-004

Collection Date: 4/15/2016 10:00:00 AM

Client Sample ID: S2-3'

Matrix: SOIL

Analyses Result PQL Qual Units DF Date Analyzed Batch ID

EPA METHOD 300.0: ANIONS

Analyst: LGT

Chloride 290 30 mg/Kg 20 4/25/2016 7:17:17 PM 24978

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

Table with 2 columns: Qualifiers and descriptions. Includes codes like *, D, H, ND, R, S, B, E, J, P, RL, W and their corresponding meanings.

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1604907

29-Apr-16

Client: NMOCD District II

Project: SRO 101

Sample ID MB-24978	SampType: mblk		TestCode: EPA Method 300.0: Anions							
Client ID: PBS	Batch ID: 24978		RunNo: 33759							
Prep Date: 4/25/2016	Analysis Date: 4/25/2016		SeqNo: 1039760		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID LCS-24978	SampType: lcs		TestCode: EPA Method 300.0: Anions							
Client ID: LCSS	Batch ID: 24978		RunNo: 33759							
Prep Date: 4/25/2016	Analysis Date: 4/25/2016		SeqNo: 1039761		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.1	90	110			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

Sample Log-In Check List

Client Name: NMOCD

Work Order Number: 1604907

RcptNo: 1

Received by/date: AG 04/20/16

Logged By: Ashley Gallegos 4/20/2016 9:55:00 AM AG

Completed By: Ashley Gallegos 4/20/2016 3:43:56 PM AG

Reviewed By: JO 04/21/2016

Chain of Custody

- 1. Custody seals intact on sample bottles? Yes No Not Present
- 2. Is Chain of Custody complete? Yes No Not Present
- 3. How was the sample delivered? Courier

Log In

- 4. Was an attempt made to cool the samples? Yes No NA
- 5. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA
- 6. Sample(s) in proper container(s)? Yes No
- 7. Sufficient sample volume for indicated test(s)? Yes No
- 8. Are samples (except VOA and ONG) properly preserved? Yes No
- 9. Was preservative added to bottles? Yes No NA
- 10. VOA vials have zero headspace? Yes No No VOA Vials
- 11. Were any sample containers received broken? Yes No
- 12. Does paperwork match bottle labels? Yes No
(Note discrepancies on chain of custody)
- 13. Are matrices correctly identified on Chain of Custody? Yes No
- 14. Is it clear what analyses were requested? Yes No
- 15. Were all holding times able to be met? Yes No
(If no, notify customer for authorization.)

of preserved bottles checked for pH: _____
 (<2 or >12 unless noted)
 Adjusted? _____
 Checked by: _____

Special Handling (if applicable)

- 16. Was client notified of all discrepancies with this order? Yes No NA

Person Notified: _____ Date: _____
 By Whom: _____ Via: eMail Phone Fax In Person
 Regarding: _____
 Client Instructions: _____

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.9	Good	Yes			

Chain-of-Custody Record

Ident: NMOC-D

Mailing Address: Artista Office

Phone #:

E-mail or Fax#: Heather.Patterson@State

QC Package:

Standard Level 4 (Full Validation)

Accreditation

NELAP Other

EDD (Type)

Turn-Around Time:

Standard Rush

Project Name:

SPO 101

Project #:

n.m.u.s

Project Manager:

Heather Patterson

Sampler:

On Ice: Yes No

Sample Temperature: 3.9°C

Date

Time

Matrix

Sample Request ID

Container Type and #

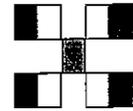
Preservative Type

HEAL No.

1008490700

4ozg 1 none
↓
↓
↓

-001
-0023
-0074



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Air Bubbles (Y or N)
							✓				
							✓				
							✓				
							✓				

Remarks:

see attached PO.

Received by: [Signature]

Date: 4/19/16

Time: 1035

Received by: [Signature]

Date: 4/20/16

Time: 955

Relinquished by: [Signature]

Time: 1035

Relinquished by: [Signature]

Time: 9/17/16