



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

November 03, 2015

Ross Pearson

RMR Inc.

14282 Gillis Rd.

Farmers Branch, TX 75244

TEL: (469) 995-0425

FAX

**RECEIVED**

*By Kellie Jones at 7:33 am, Dec 15, 2015*

**INFORMATION ONLY**

RE: Sunray St.

OrderNo.: 1511018

Dear Ross Pearson:

Hall Environmental Analysis Laboratory received 10 sample(s) on 11/2/2015 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](http://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'.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order: 1511018

Date Reported: 11/3/2015

**CLIENT:** RMR Inc.  
**Project:** Sunray St.

**Lab Order:** 1511018

**Lab ID:** 1511018-001

**Collection Date:** 10/29/2015 1:00:00 PM

**Client Sample ID:** 1A

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: LGT
Chloride	1100	30		mg/Kg	20	11/3/2015 12:47:05 AM	22127

**Lab ID:** 1511018-002

**Collection Date:** 10/29/2015 1:00:00 PM

**Client Sample ID:** 2A

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: LGT
Chloride	420	30		mg/Kg	20	11/3/2015 1:24:19 AM	22127

**Lab ID:** 1511018-003

**Collection Date:** 10/29/2015 1:00:00 PM

**Client Sample ID:** 3A

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: LGT
Chloride	ND	30		mg/Kg	20	11/3/2015 1:36:43 AM	22127

**Lab ID:** 1511018-004

**Collection Date:** 10/29/2015 1:00:00 PM

**Client Sample ID:** 4A

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: LGT
Chloride	2200	75		mg/Kg	50	11/3/2015 12:30:59 PM	22127

**Lab ID:** 1511018-005

**Collection Date:** 10/29/2015 1:00:00 PM

**Client Sample ID:** 5A

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: LGT
Chloride	1800	75		mg/Kg	50	11/3/2015 12:43:23 PM	22127

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

<b>Qualifiers:</b>	*	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		

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order: 1511018

Date Reported: 11/3/2015

**CLIENT:** RMR Inc.  
**Project:** Sunray St.

**Lab Order:** 1511018

**Lab ID:** 1511018-006

**Collection Date:** 10/29/2015 1:00:00 PM

**Client Sample ID:** 6A

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: LGT
Chloride	1100	75		mg/Kg	50	11/3/2015 12:55:47 PM	22127

**Lab ID:** 1511018-007

**Collection Date:** 10/29/2015 1:00:00 PM

**Client Sample ID:** 7A

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: LGT
Chloride	190	30		mg/Kg	20	11/3/2015 2:51:10 AM	22127

**Lab ID:** 1511018-008

**Collection Date:** 10/29/2015 1:00:00 PM

**Client Sample ID:** 8A

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: LGT
Chloride	910	30		mg/Kg	20	11/3/2015 3:03:35 AM	22127

**Lab ID:** 1511018-009

**Collection Date:** 10/29/2015 1:00:00 PM

**Client Sample ID:** 9A

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: LGT
Chloride	3600	150		mg/Kg	100	11/3/2015 1:08:12 PM	22127

**Lab ID:** 1511018-010

**Collection Date:** 10/29/2015 1:00:00 PM

**Client Sample ID:** 10A

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: LGT
Chloride	ND	30		mg/Kg	20	11/3/2015 3:28:25 AM	22127

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

<b>Qualifiers:</b>	*	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		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1511018

03-Nov-15

Client: RMR Inc.

Project: Sunray St.

Sample ID	MB-22127		SampType:	MBLK		TestCode:	EPA Method 300.0: Anions				
Client ID:	PBS		Batch ID:	22127		RunNo:	29959				
Prep Date:	11/2/2015		Analysis Date:	11/2/2015		SeqNo:	912578		Units: mg/Kg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride	ND	1.5									

Sample ID	LCS-22127		SampType: LCS		TestCode: EPA Method 300.0: Anions					
Client ID:	LCSS		Batch ID: 22127		RunNo: 29959					
Prep Date:	11/2/2015		Analysis Date: 11/2/2015		SeqNo: 912579		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.4	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  
R RPD outside accepted recovery limits  
S % Recovery outside of range due to dilution or matrix


B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Detection Limit

# Sample Log-In Check List

Client Name: RMR INC

Work Order Number: 1511018

RcptNo: 1

Received by/date:	JA	11/02/15
Logged By:	Celina Sessa	11/2/2015 11:55:00 AM
Completed By:	Celina Sessa	11/2/2015 1:07:20 PM
Reviewed By:		11/02/15

## Chain of Custody

- Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☒
- Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
- How was the sample delivered? USPS

## Log In

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

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

## Special Handling (if applicable)

- Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:	_____	Date:	_____
By Whom:	_____	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> 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	20.4	Good	Yes			



~~Old~~ New Sample Test  
for Chlorides only

**Sampling Map**  
Sunray-State Tank Battery  
Sec-16, T-8S, R-31E  
Chaves, NM

 =Sample Points

Water Tank  
210bbl  
Open Top

# Soil Remediation AREA

