

April 28, 2015

CHASE SETTLE
YATES PETROLEUM CORPORATION
105 S 4th Street
Artesia, NM 88210

**RE: DAYTON WATER LINE** 

Enclosed are the results of analyses for samples received by the laboratory on 04/24/15 12:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accredited accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accredited accredited accredited analytes are denoted by an accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accredited accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accredited a

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keena

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

YATES PETROLEUM CORPORATION CHASE SETTLE 105 S 4th Street Artesia NM, 88210 (505) 748-4635 Fax To:

Received:

04/24/2015

Sampling Date:

04/22/2015

Reported:

Sampling Type:

04/28/2015

Project Name:

DAYTON WATER LINE

Sampling Condition:

Cool & Intact

Project Number:

205-0750

Sample Received By:

Jodi Henson

Project Location:

GUSHWA DX #1

Sample ID: S1- 10' (H501074-01)

Chloride, SM4500CI-B

Analyte

Analyte

Analyte

Analyte

mg/kg

Reporting Limit

Reporting Limit

Reporting Limit

Reporting Limit

16.0

Analyzed By: AP

True Value QC % Recovery

RPD

Qualifier

Chloride

Result 7040

04/28/2015 16.0

Analyzed

Analyzed

Analyzed

ND

416

0.00

Sample ID: S1- 11' (H501074-02)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

Method Blank

104

True Value QC

400

400

Chloride

Result 8000

04/28/2015 16.0

Method Blank ND

BS 416

BS

BS

% Recovery 104

**RPD** 

Qualifier

Sample ID: S1- 12' (H501074-03)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

0.00

Chloride

Chloride

Result 7280

Result

7120

04/28/2015 16.0

Method Blank ND

% Recovery 104

104

True Value QC 400

RPD 0.00 Qualifier

Analyzed By: AP

416

Sample ID: S1- 13' (H501074-04)

Chloride, SM4500Cl-B

mg/kg

04/28/2015

Analyzed

Method Blank ND

BS % Recovery

416

True Value QC

400

RPD

0.00

Qualifier

**Cardinal Laboratories** 

\*=Accredited Analyte

limited to the amount paid by client for analyses. All claims, including those for negligence and PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive rem ever shall be deemed walved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequences any coner cause Whitaconer sinas no userness warress unless in varing and received by Leronia normal consequential names, including, without limitation, business interruptions, loss of use, or loss of profits incurred by clernl, its substituties, stillates or successors attained not of related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 5



#### Analytical Results For:

YATES PETROLEUM CORPORATION **CHASE SETTLE** 105 S 4th Street Artesia NM, 88210

Fax To:

(505) 748-4635

Received:

04/24/2015

Reported:

Project Name:

DAYTON WATER LINE

Project Number:

Project Location:

Sampling Date:

04/22/2015

04/28/2015

Sampling Type: Sampling Condition: Soil

205-0750

Sample Received By:

Cool & Intact

**GUSHWA DX #1** 

Jodi Henson

#### Sample ID: S1- 14' (H501074-05)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5280	16.0	04/28/2015	ND	416	104	400	0.00	
Sample ID: S1- 15' (H50:	1074-06)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3040	16.0	04/28/2015	ND	416	104	400	0.00	
Sample ID: S1- 15.5' (H5	01074-07)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2040	16.0	04/28/2015	ND	416	104	400	0.00	

#### **Cardinal Laboratories**

\*=Accredited Analyte

PLEXE NOTE: Uability and Damages. Cardinal's Fability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be fable for incidental or consequential damages, including, without imitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidates, affiliates or successors adding out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results related on to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keene



#### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500CI-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

**Cardinal Laboratories** 

\*=Accredited Analyte

PLEASE NOTE: Uability and Damages. Cardinal's Pablity and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount; paid by client for analysiss. All claims, including those for negligence and any other cause whistoover shall be deemed valved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be Fable for incidental or consequential damages, including, which limitation, business interruptions, loss of use, or loss of profits incurred by techn, its subdiries, artifastes or successors acting out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with varietien approval of Cardinal Laboratories.

Celeg D. Keene

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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

December 02, 2016

Chase Settle
Yates Petroleum Corporation
105 South Fourth Street
Artesia, NM 88210
TEL: (575) 748-4111

FAX

RE: Dayton Water Line (Gushwa DX #1)

OrderNo.: 1611A07

Dear Chase Settle:

Hall Environmental Analysis Laboratory received 6 sample(s) on 11/18/2016 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 <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> 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 qualifers 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,

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

## Analytical Report Lab Order: 1611A07

# Hall Environmental Analysis Laboratory, Inc.

Date Reported: 12/2/2016

	rates Petroleum Corpora Dayton Water Line (Gusl			L	ab Order:	1611A07	
Lab ID: Client Sample ID:	1611A07-001 S1C-5'			Collection Date Matrix	: 11/15/2016 i : AQUEOUS	l:07:00 PM	
Analyses		Result	PQL Qual	Units	DF Date An	alyzed I	Batch ID
EPA METHOD 300 Chloride	.0: ANIONS	6800	300	mg/Kg	200 11/29/20	-	et: <b>LGT</b> M 28874
Lab ID:	1611A07-002			Collection Date		1:10:00 PM	
Client Sample ID:	S1C-10'			Matrix	: AQUEOUS		
Analyses		Result	PQL Qual	Units	DF Date An	alyzed F	Batch ID
EPA METHOD 300 Chloride	.0: ANIONS	1400	75	mg/Kg	50 11/29/20 <sup>-</sup>	Analys 16 6:54:41 PI	et: <b>LGT</b> M 28874
Lab ID:	1611A07-003			Collection Date	: 11/15/2016	1:14:00 PM	
Client Sample ID:	S1C-15'			Matrix	: AQUEOUS		
Analyses		Result	PQL Qual	Units	DF Date An	alyzed E	Batch ID
EPA METHOD 300 Chloride	.0: ANIONS	70	30	mg/Kg	20 11/28/20 <sup>-</sup>	Analys 16 3:01:17 Pi	t: <b>LGT</b> // 28874
Lab ID:	1611A07-004			Collection Date	11/15/2016	l:17:00 PM	
Client Sample ID:	S1C-20'			Matrix	: AQUEOUS		
Analyses		Result	PQL Qual	Units	DF Date An	alyzed E	Batch ID
EPA METHOD 300 Chloride	.0: ANIONS	ND	30	mg/Kg	20 11/28/20 <sup>-</sup>	Analys 16 3:13:42 Pf	t: <b>LGT</b> // 28874
Lab ID:	1611A07-005			Collection Date	11/15/2016	:24:00 PM	
Client Sample ID:	S1C-25'			Matrix	: AQUEOUS		
Analyses		Result	PQL Qual	Units	DF Date An	alyzed E	atch ID
EPA METHOD 300 Chloride	.0: ANIONS	ND	30	mg/Kg	20 11/28/201	Analys 16 3:26:06 PM	t: <b>LGT</b> // 28874

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 1 of 3
	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

Lab Order: 1611A07

Date Reported: 12/2/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Project:

Yates Petroleum Corporation

Dayton Water Line (Gushwa DX #1)

Lab Order:

1611A07

Lab ID:

1611A07-006

Collection Date: 11/15/2016 1:32:00 PM

Matrix: AQUEOUS

Analyses

Chloride

Client Sample ID: S1C-30'

PQL Qual Units

30

DF Date Analyzed

**Batch ID** 

Analyst: LGT

**EPA METHOD 300.0: ANIONS** 

ND

Result

mg/Kg

20 11/28/2016 3:38:30 PM 28874

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
- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits J

Page 2 of 3

- Sample pH Not In Range P
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified

## **QC SUMMARY REPORT**

# Hall Environmental Analysis Laboratory, Inc.

WO#:

1611A07

02-Dec-16

Client:

Yates Petroleum Corporation

Project:

Dayton Water Line (Gushwa DX #1)

Sample ID MB-28874

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID: PBS

Batch ID: 28874

RunNo: 39000

Prep Date: 11/28/2016

Analysis Date: 11/28/2016

SeqNo: 1219737

Units: mg/Kg

Analyte

PQL

SPK value SPK Ref Val %REC LowLimit

HighLimit

%RPD **RPDLImit** 

Qual

Chloride

ND 1.5

Sample ID LCS-28874

SampType: LCS

Result

Batch ID: 28874

TestCode: EPA Method 300.0: Anions

RunNo: 39000

Prep Date: 11/28/2016

Client ID: LCSS

Analysis Date: 11/28/2016

SeqNo: 1219738

Units: mg/Kg

Analyte

Result PQL SPK value SPK Ref Val

%REC LowLimit 90.5

%RPD HighLimit

**RPDLimit** Qual

Page 3 of 3

Chloride

14 1.5 15.00 110

#### Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix D

Holding times for preparation or analysis exceeded Η

Not Detected at the Reporting Limit ND

RPD outside accepted recovery limits R

% Recovery outside of range due to dilution or matrix

В Analyte detected in the associated Method Blank

E Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Detection Limit

Sample container temperature is out of limit as specified



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: EOG/Yates	Work Order Numb	er: 1611A07		. RcptNo:	1
Received by/date	11/18/10	D			
Logged By: Ashley Gallegos	11/18/2016 9:30:00	AM	A		
Completed By: Ashley Gallegos	11/18/2016 11:43:00	B AM	A		
Reviewed By:			()		
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			
<u>Log In</u>					
4. Was an attempt made to cool the sample	9\$?	Yes 🗹	No 🗆	NA []	
5. Were all samples received at a temperate	ure 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 tea	ot(s)?	Yes 🛂	No []		
8. Are samples (except VOA and ONG) proj	perly 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 br	oken?	Yes	No 🗹	# of preserved	
		[7	AL 177	bottles checked	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🗹	No []	for pH: (<2 o	r >12 unless noted)
13, Are metrices correctly identified on Chain	of Custody?	Yes 🗹	No []	Adjusted?	
14. Is it clear what analyses were requested?		Yes 🗹	No []		
15. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗹	No 🛄	Checked by:	
(ii iis) tietty casterner for dameriaanom,					
Special Handling (if applicable)					
16. Was client notified of all discrepancies wi	th this order?	Yes 🗌	No []	NA 🔀	
Person Notified:	Date				
By Whom:	Via:	eMail	[  Phone []] Fax	[]] In Person	
Regarding:					-
Client instructions:			**********		J
17. Additional remarks:					
	Seal Intact   Seal No	Seal-Date	Signed By	-	

Air Bubbles (Y or N) **ANALYSIS LABORATORY** HALL ENVIRONMENTAL if necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report. 4901 Hawkins NE - Albuquerque, NM 87109 Fax 505-345-4107 (AOV-ima2) 05S8 www.hallenvironmental.com Remarks: Results needed by 11/29/2016. (AOV) 808S8 8081 Pesticides / 8082 PCB's Anions (F,CI,NO3,NO2,PO4,SO4) RCRA 8 Metals Tel. 505-345-3975 (HA9 to AN9) OFE8 EDB (Method 504.1) (1.814 bodieM) H9T (Gas/Diesel) #61/08 (Gas/Diesel) BTEX + MTBE + TPH (Gas only) BLEX + MIBE + IMB's (8021) -002 1611467 Conche 11/18/14 0930 900-Time -023 <del>100-</del> 900 Dayton Water Line (Gushwa DX #1) 100-Pate PO # 205, 0750 Preservative Chase Settle Chase Settle □ Rush Sample Temperature: Type None None None None None None Turn-Around Time: Project Manager: midsey Project Name: Container
Type and # X Standart Received by: Received by: Sampler: 1 - 4oz. 1 - 402. 1 - 4oz. 1 - 4oz. 1 - 40z. 1-402 Sample Request ID ☐ Level 4 (Full Validation) Chain-of-Custody Record csettle@yatespetroleum.com S1C-10' S1C-15 S1C-20' S1C-25 S1C-30' S10-5 105 South 4th Street Artesia, NM 88210 Cilent: Yates Petroleum Corporation Relinquisped type Relinquished by: 575-703-6537 □ Other\_ Matrix So Soil ଷ୍ଟ Soil <u>S</u> Soil Mailing Address: 2.00. Time QA/QC Package: email or Fax#: □ EDD (Type) 1:14p unszane 1:17p 11.24p 1:10p 132p Accreditation: 11.07p Time: Time: □ Standard O NELAP Phone #: Melli Date



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

December 28, 2016

Chase Settle
EOG Resources
105 South Fourth Street
Artesia, NM 88210
TEL: (575) 748-4111

FAX

RE: Dayton Water Line (Gushwa DX #1)

OrderNo.: 1612949

#### Dear Chase Settle:

Hall Environmental Analysis Laboratory received 16 sample(s) on 12/16/2016 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 <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> 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 qualifers 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,

Andy Freeman

Laboratory Manager

andist

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order: 1612949

# Hall Environmental Analysis Laboratory, Inc.

Date Reported: 12/28/2016

-	OG Resources ayton Water Line (	Gushwa DX #1)				Lat	O O:	rder:	16129	949
Lab ID:	1612949-001			C	Collection				10:12:00	AM
Client Sample ID:	S3-1-1'				N	Aatrix:	SO	几		
Analyses		Result	PQL	Qual	Units	]	DF	Date An	alyzed	Batch ID
EPA METHOD 300	.0: ANIONS									alyst: <b>LGT</b>
Chloride		58	30		mg/Kg		20	12/23/20	16 12:01:	35 PM 29393
Lab ID:	1612949-002			(	Collection				10:13:00	AM
Client Sample ID:	S3-1-2'				N	Aatrix:	SO	几		
Analyses		Result	PQL	Qual	Units	3	DF	Date An	alyzed	Batch ID
EPA METHOD 300 Chloride	.0: ANIONS	32	30		mg/Kg		20	12/23/20		alyst: <b>LGT</b> 49 PM 29393
Lab ID:	1612949-003			(	Collection	n Date:	12/	13/2016	10:14:00	AM
Client Sample ID:	S3-1-3'				N	Aatrix:	SO	IL		
Analyses		Result	PQL	Qual	Units	j	DF	Date An	alyzed	Batch ID
EPA METHOD 300 Chloride	.0: ANIONS	68	30		mg/Kg		20	12/23/20		alyst: <b>LGT</b> 14 PM 29393
Lab ID:	1612949-004			(	Collection	n Date:	12/	13/2016	10:17:00	) AM
Client Sample ID:	S3-1-4'				N	Matrix:	SO	IL		
Analyses		Result	PQL	Qual	Units	]	DF	Date An	alyzed	Batch ID
EPA METHOD 300 Chloride	.0: ANIONS	1800	75		mg/Kg		50	12/27/20		alyst: <b>LGT</b> 1 PM 29393
Lab ID:	1612949-005			(	Collection	n Date:	12/	13/2016	10:23:00	) AM
Client Sample ID:	S3-2-1'				N	Matrix:	SO	IL		
Analyses		Result	PQL	Qual	Units	)	DF	Date An	alyzed	Batch ID
EPA METHOD 300 Chloride	.0: ANIONS	67	30		mg/Kg		20	12/23/20		alyst: <b>LGT</b> 3 PM 29393

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

- 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 Page 1 of 5
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order: 1612949

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 12/28/2016

~~~~·	EOG Resources Dayton Water Line (Gus	shwa DX #1)				Lab (	Order:	161294	19
Lab ID: Client Sample ID:	1612949-006 : S3-2-2'			(		Date: 12	/13/2016 10 DIL	):24:00	AM
Analyses		Result	PQL	Qual	Units	DF	Date Ana	lyzed	Batch II
EPA METHOD 30 Chloride	0.0: ANIONS	ND	30		mg/Kg	20	12/23/2016		lyst: <b>LGT</b> PM 2939:
Lab ID: Client Sample ID	1612949-007 : S3-2-3'			(		atrix: SO			
Analyses		Result	PQL	Qual	Units	DF	₹ Date Ana	lyzed	Batch II
EPA METHOD 30 Chloride	0.0: ANIONS	ND	30		mg/Kg	20	12/23/2010		lyst: <b>LGT</b> PM 2939
Lab ID: Client Sample ID	1612949-008 : S3-2-4'			(		Date: 12	2/13/2016 10 OIL	0:27:00	AM
Analyses		Result	PQL	Qual	Units	DI	F Date Ana	lyzed	Batch I
EPA METHOD 30 Chloride	00.0: ANIONS	ND	30		mg/Kg	20	) 12/23/2010		lyst: LGT PM 2939
Lab ID: Client Sample ID	1612949-009 : S4-1-1'					Date: 12 latrix: S	2/13/2016 1 OIL	0:32:00	AM
Analyses		Result	PQL	Qual	Units	DI	F Date Ana	lyzed	Batch I
EPA METHOD 30 Chloride	00.0: ANIONS	47	30		mg/Kg	20	) 12/27/201		llyst: <b>LGT</b> PM 2939
Lab ID: Client Sample ID	1612949-010 : S4-1-2'					Date: 12 Iatrix: S	2/13/2016 1 OIL	0:33:00	AM
Analyses		Result	PQL	Qual	Units	Di	F Date Ana	lyzed	Batch I
EPA METHOD 30	00.0: ANIONS	ND	30	)	mg/Kg	20	) 12/23/201		lyst: <b>LGT</b> PM 2939

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

- 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
- Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 2 of 5
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order: 1612949

# Hall Environmental Analysis Laboratory, Inc.

Date Reported: 12/28/2016

	OG Resources ayton Water Line (G	ushwa DX #1)			. I	Lab O	rder:	16129	49
Lab ID: Client Sample ID:	1612949-011 S4-1-3'			(	Collection Date Matrix			0:34:00	AM
Analyses		Result	PQL	Qual	Units	DF	Date Ana	lyzed	Batch ID
EPA METHOD 300 Chloride	.0: ANIONS	330	30		mg/Kg	20	12/27/201		llyst: LGT PM 29393
Lab ID: Client Sample ID:	1612949-012 S4-1-4'				Collection Date Matri			0:36:00	AM
Analyses		Result	PQL	Qual	Units	DF	Date Ana	alyzed	Batch ID
EPA METHOD 300 Chloride	.0: ANIONS	2100	75		mg/Kg	50	12/27/201		llyst: <b>LGT</b> PM 29393
Lab ID: Client Sample ID:	1612949-013 S4-2-1'			(	Collection Dat Matri			0:40:00	AM
Analyses		Result	PQL	Qual	Units	DF	Date Ana	alyzed	Batch ID
EPA METHOD 300 Chloride	.0: ANIONS	ND	30	)	mg/Kg	20	12/23/201		alyst: <b>LGT</b> 7 PM 29393
Lab ID: Client Sample ID:	1612949-014 S4-2-2'			ı	Collection Dat Matri			0:41:00	AM
Analyses		Result	PQL	Qual	Units	DF	Date An	alyzed	Batch ID
EPA METHOD 300 Chloride	0.0: ANIONS	ND	30	)	mg/Kg	20	12/23/201		alyst: <b>LGT</b> 2 PM 29393
Lab ID: Client Sample ID:	1612949-015 S4-2-3'				Collection Dat Matri			10:43:00	AM
Analyses		Result	PQL	Qual	Units	DF	Date An	alyzed	Batch ID
EPA METHOD 300 Chloride	0.0: ANIONS	580	30	)	mg/Kg	20	12/27/20		alyst: <b>LGT</b> BPM 29393

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

- 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 Page 3 of 5
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order: 1612949

Date Reported: 12/28/2016

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: **EOG Resources** Lab Order: 1612949 Project: Dayton Water Line (Gushwa DX #1) 1612949-016 Collection Date: 12/13/2016 10:45:00 AM Lab ID: Client Sample ID: S4-2-4' Matrix: SOIL Result PQL Qual Units **DF** Date Analyzed **Batch ID** Analyses Analyst: LGT **EPA METHOD 300.0: ANIONS** Chloride 2700 75 mg/Kg 50 12/27/2016 10:11:52 PM 29393

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

- 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 Page 4 of 5
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

# **OC SUMMARY REPORT**

# Hall Environmental Analysis Laboratory, Inc.

WO#: 1612949

28-Dec-16

Client:

**EOG Resources** 

Project:

Dayton Water Line (Gushwa DX #1)

Sample ID MB-29393

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID: **PBS** 

Client ID: LCSS

Batch ID: 29393

RunNo: 39649

Prep Date: 12/23/2016

Analysis Date: 12/23/2016

SeqNo: 1242074

Units: mg/Kg

HighLimit

SPK value SPK Ref Val %REC LowLimit

**RPDLimit** Qual

Analyte Chloride

PQL Result ND 1.5

Sample ID LCS-29393

SampType: LCS

TestCode: EPA Method 300.0: Anions

Batch ID: 29393

RunNo: 39649

SeqNo: 1242075

Qual

%RPD **RPDLimit** 

%RPD

Units: mg/Kg Analysis Date: 12/23/2016 Prep Date: 12/23/2016 HighLimit %REC LowLimit Result PQL SPK value SPK Ref Val Analyte 1.5 15.00 94.1 90 110 14 Chloride

#### Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix D

Holding times for preparation or analysis exceeded Н

Not Detected at the Reporting Limit ND RPD outside accepted recovery limits R

S % Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank В

Value above quantitation range E

Analyte detected below quantitation limits

Page 5 of 5

Sample pH Not In Range P

Reporting Detection Limit RL

Sample container temperature is out of limit as specified



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: EOG/Yates	Work Order Number:	61294	9		RoptNo: 1	
Chair Maine	Patrotti			a numerous states and rest of a law reading of the	search the designed to blood from the graphic season.	
Received by/date: A	12110/110			1		
Logged By: Ashley Gallegos	12/16/2016 9:05:00 AM			54-J		
Completed By: Ashley Gallegos	12/19/2016 9:13:56 AM			547		
Reviewed By:	12/19/19	. <i></i>				
Chain of Custody				No []	Not Present	
1. Custody seals intact on sample bottles	?	Yes		No □	Not Present [3]	
2. Is Chain of Custody complete?		Yes		NO LJ	Mot Lippour con	
3. How was the sample delivered?		Couri	ēī			
<u>Log In</u>				r:n	na □	
4. Was an attempt made to cool the sam	ples?	Yes	V	No 🗀	NA LI	
5. Were all samples received at a temper	rature of >0° C to 6.0°C	Yes	<b>[Y</b> ]	No □	NA []	
6. Sample(s) in proper container(s)?		Yes	V	No 🗀		
7. Sufficient sample volume for indicated	test(s)?	Yes	V	No 🗆		
8. Are samples (except VOA and ONG)	properly preserved?	Yes	<b>V</b>	No []	e***)	
9. Was preservative added to bottles?		Yes		No 🗹	NA 🗀	
		Yes	["-]	No □	No VOA Vials 🗹	
10.VOA vials have zero headspace?		Yes		No 🗭 [		
11. Were any sample containers received	i broken?	102			# of preserved bottles checked	
12. Does paperwork match bottle labels?		Yes	$\checkmark$	No []	for pH:	or >12 unless noted)
(Note discrepancies on chain of custo	dy)		_	,, <sub>[</sub>	Adjusted?	)
13. Are matrices correctly identified on Cl	hain of Custody?		<b>V</b>	No □   No □	-	
14. Is it clear what analyses were reques	ted?			No []	Checked by:	
15. Were all holding times able to be met (If no, notify customer for authorization	?	Yes	V	140 1_1		
and the description						
Special Handling (if applicable)  16. Was client notified of all discrepancies	es with this order?	Yes		No 🗔	NA 🔽	-1
	Date		**************************************	PROPERTY CONTROL COST		
Person Notified:	Via:	i []eN	/lall [	] Phone [] Fax	☐ In Person	
By Whom:	THE RESERVE THE REAL PROPERTY AND ADDRESS OF THE PERSON OF				CONTRACTOR DESCRIPTION OF THE PARTY OF THE P	
Regarding: Client Instructions:	<u> </u>			An Million of the Street of Street Street, Str		
17. Additional remarks:						
18. Cooler Information Cooler No Temp °C Conditi	on   Carl Intent   Seal No ]	Seal	Daté · · ·	Signed By:	<u> </u>	
Cooler No Temp °C Condition	Yes Yes				1 .	
Compression to the second section and the second section and the second section is						

<b>ૄ</b> ં	hain-	of-Cu	ody Record	Turn-Around Time:	ime:	***************************************			HALL ENVIRONMENTAL		7	S	Σ	Z	TAI		
lient:	<b>=0G Re</b>	lient: EOG Resources Inc.		X Standard	□ Rush				ANALYSIS	LYS	SI	LABORATORY	Ö	FAT	OR	<b>&gt;</b>	
				Project Name:				ď	www.f	www.hallenvironmental.com	гопте	ntal.co	Ę				
failing /	failing Address:			Dayton \	Nater Line (G	Dayton Water Line (Gushwa DX #1)	490	4901 Hawkins NE	dins NE	•	Albuquerque, NM 87109	lue, N	W 871	න			
05 Sou	th 4th St	reet Arte	05 South 4th Street Artesia, NM 88210	Project #:			Te	Tel. 505-345-3975	45-397		Fax 505-345-4107	5-345	4107				
hone #.	1818 1	575-703-6537	6537							Analy	Analysis Request	quest	ŀ				
mail or Fax#:	ax#:	Chase S	@eogresources.com	Project Manager:	er:			( 986									
A/QC Pack	:de:		T Level 4 (Full Validation)	<b>.</b>	Chase Settle PO # 205, 0750	9		as/Die				מטיז.					
	afion:		1	Sampler. (	Chase Settle				()	- (		ZONO					- /.
1 NELAP	d,					□ No			.406			2/8	(Ac			1 10	
1 EDD (Type)	(Type)			Sample Temp	Temperature: 3-5				g po							<i>λ)</i> '	
Date	Time	Matrix	Sample Request ID	her Id#	Preservative Type	HEAL No 7(0/2040	BLEX + WI	orheM H9T orheM) H9Th	EDB (Meth	ANY) 0158 8 AROR	J,국) anoinA	8081 Pestic	me <b>2) 0</b> 728			selddu8 1A	יייים איייים
12H3/2016	10:12A	Soil	S3-1-1'	1 - 402.	None	100-					×	_				$\dashv$	
12/13/2016	10:13A	Soil	S3-1-2'		None	-003					×			_			
12/13/2018	TZTSZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZ	Soil	S3-1-3'		None	-003					×						
1273/2016	tanazons 10:17A	Soil	S3-1-4'	1 - 4oz.	None -	-00d				_	×						
12/13/2016			S3-2-1'	1 - 4oz.	None	-005					×	_		-			
12732216	tarszans 10:24A Soil	Soil	S3-2-2;		None	-00tp				$\dashv$	×					_	
12/13/2016	rerazana 10:25A Soil	Soil	S3-2-3'		None	-007	_				×			1			$\neg$
12732016	12727A	Soil	S3-2-4'	1 - 402.	None	-008				_	×			+	_		Т
12/13/2016	10:32A	Soil	S4-1-1'	1 - 402.	None	600					×			_			Т
12/13/2018	1213ZM Soil	Soil	84-1-2	1 - 402.	None	7010					×				_	士	Т
12/13/2018	tenseons 10:34A	Soil	84-1-3'	1 - 402.	None	-011					×			$\dashv$	_		
127132018	ETTERNIE 10:36A Soil		\$4-1-4	1-402	None	-01a				-	×			-	_		Т
)ate:	Time	Refinquished by:	ed by:	Received by:		Date Time	Remark	Remarks: Results needed by 12/27/2016	ults nee	ded b	7 12/27	7/2016.					
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Safe:	Time:	Relinquished by:	ed by:	Received by	_	Date Time											
	if necessary	f, samples sul	if necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.	L contracted to other a	ccredited laboratorie	ss. This serves as notice of this	possibility.	Amy sub-c	ontracted	data will b	e clearly	notated o	n the arr	alytical re	port		1

HALL ENVIRONMENTAL	ANALYSIS LABORATORY		4901 Hawkins NE - Albuquerque, NM 87109	20								me2) 0728														he analytical report.
Z	ABC	www.hallenvironmental.com	, NIM	505-345-4107	est					V (.)		OV) 8260B (VO											016.			ated on t
IR	75	menta	erque	505-	Analysis Request		·					bleeq 1808									_		Results needed by 12/27/2016.			anty not
Z	SI	nviron	\lpuqr	Fax	alysis	( <sup>†</sup> OS	3'400	7, <sub>S</sub> C	ON'E			RCRA 8 Md	×	×	×	×				 		-	5			A De Cr
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I	<		ławki	Tel. 505-345-3975								rteM) H9T								 			Resu			/ sub-co
			301 F	el. 5								TPH Metho					$\dashv$			 	_					ty. Any
			4									TM + X3T8											Remarks:	1		possíbil
			Dayton Water Line (Gushwa DX #1)							ON.		HEAL NO. O.	-013	h10-	010-	L10-		•					Date Time	116/10 0905	Date	es. This serves as notice of this
Time:	□ Rush	<b>.</b> :	Water Line (G			ger:	Chase Settle	PO # 205. 0750	ette		perature:3.5	Preservative Type	None	None	None	None								Q		accredited laborator
Turn-Around Time:	X Standard	Project Name:	Dayton	Project #:		Project Manager			,,	On ice:	Sample Temperature: 3	Container Type and #	1 - 402.	1 - 402.	1 - 402.	1 - 4oz.							Received by:	X X	Received by:	l bcontracted to other
Chain-of-Custody Record	nc.			105 South 4th Street Artesia, NM 88210	6537	Chase Settle@eogresources.com		☐ Level 4 (Full Validation)				Sample Request ID	\$4-2-1	\$4-2-2	\$4-2-3'	\$4-2-4							led by:		red by:	If necessiary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.
of-Cu	EOG Resources Inc.			treet Arte	575-703-6537	Chase S				□ Other		Matrix	Soil	Soil	Soil								Relinquished by:		Relinquished by:	y, samples su
hain-	EOG Re		Mailing Address:	ith 4th Si	71.	ax#:	DA/QC Package:	Standard	fation:	ΑP	□ EDD (Type)	Тітв	10:40A	Tarazone 10:41A Soil	tangene 10:43A	12.45A							Time:		Тте	if necessar
Ö	Client		Mailing	105 Sol	Phone #	email o	DAVOC	□ Stan	Accreditation:			Date	TZYTSZO1	nozerter	12713/201	12/13/20/							Date:		Date:	



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

January 19, 2017

Chase Settle
EOG Resources
105 South Fourth Street
Artesia, NM 88210
TEL: (575) 748-4111

FAX

RE: Dayton Water Line (Gushwa DX #1)

OrderNo.: 1701493

#### Dear Chase Settle:

Hall Environmental Analysis Laboratory received 15 sample(s) on 1/12/2017 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 <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> 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,

Andy Freeman

Laboratory Manager

Only

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order: 1701493

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 1/19/2017

CAME -	OG Resources Dayton Water Line (C	ushwa DX #1)				Lab	Orde	er: 17	01493	3
Lab ID:	1701493-001				Collection	Date:	1/5/20	17 8:19:00	AM	
Client Sample ID:						latrix:				
	55 1 0	Result	DOI	Oual	Units			ite Analyze	ď	Batch ID
Analyses		Nesuit	TQL	Quai	Omes		71. 101.			
EPA METHOD 300	.0: ANIONS								Analy	st: <b>LGT</b>
Chloride		2100	75		mg/Kg	ŧ	50 1/	16/2017 6:51	:48 PN	A 29684
Lab ID:	1701493-002			(	Collection	Date:	1/5/20	17 8:25:00	AM	
Client Sample ID:	S3-1-8'				M	latrix:	SOIL			
Analyses		Result	PQL	Qual	Units	I	)F Da	ate Analyze	d :	Batch ID
EPA METHOD 300	).0: ANIONS								Analy	st: <b>LGT</b>
Chloride		1000	30		mg/Kg		20 1/	/13/2017 1:02	:53 PN	A 29684
Lab ID:	1701493-003				Collection	Date:	1/5/20	17 8:31:00	AM	
Client Sample ID:	S3-1-10'				M	Iatrix:	SOIL			
Analyses		Result	PQL	Qual	Units	I	OF Da	ate Analyze	d	Batch ID
EPA METHOD 300	0.0: ANIONS								Analy	st: <b>LGT</b>
Chloride		890	30		mg/Kg	:	20 1/	/13/2017 1:15	:18 PN	A 29684
Lab ID:	1701493-004			(	Collection	Date:	1/5/20	17 8:37:00	AM	
Client Sample ID:	S3-1-12'				M	Iatrix:	SOIL	,		
Analyses		Result	PQL	Qual	Units	I	OF Da	ate Analyze	d	Batch ID
EPA METHOD 300	0.0: ANIONS								Analy	st: LGT
Chloride		ND	30		mg/Kg		20 1/	/13/2017 1:27	:43 PN	M 29684
Lab ID:	1701493-005			1	Collection	Date:	1/5/20	017 8:45:00	AM	
Client Sample ID:	S3-1-14'				IV.	Iatrix:	SOIL			
Analyses		Result	PQL	Qual	Units	]	DF D	ate Analyze	d	Batch ID
EPA METHOD 300	0.0: ANIONS								•	st: LGT
Chloride		ND	30	1	mg/Kg		20 1	/13/2017 1:40	:07 PN	M 29684

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

- 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 Page 1 of 4
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order: 1701493

# Hall Environmental Analysis Laboratory, Inc.

Date Reported: 1/19/2017

-	OG Resources ayton Water Line (Gu	shwa DX #1)				Lab Order:	17014	93	
Lab ID: Client Sample ID:	1701493-006 S4-1-6'			(		ate: 1/5/2017 rix: SOIL	8:59:00 AM	I	
Analyses		Result	PQL	Qual	Units	DF Date	Analyzed	Batc	h ID
EPA METHOD 300 Chloride	.0: ANIONS	2300	150		mg/Kg	100 1/16/2	Ana 2017 7:04:13 I	ilyst: L PM 2	GT 9684
Lab ID:	1701493-007			(	Collection Da	ate: 1/5/2017	9:03:00 AM	[	
Client Sample ID:	S4-1-8'				Mat	rix: SOIL			
Analyses		Result	PQL	Qual	Units	DF Date	Analyzed	Bate	h ID
EPA METHOD 300 Chloride	.0: ANIONS	ND	30		mg/Kg	20 1/13/2	Ana 2017 2:04:56	nlyst: L PM 2	.GT 9684
Lab ID:	1701493-008			(	Collection Da	ate: 1/5/2017	9:09:00 AM	<b>I</b>	
Client Sample ID:	S4-1-10'				Mat	rix: SOIL			
Analyses		Result	PQL	Qual	Units	DF Date	Analyzed	Bate	h ID
EPA METHOD 300 Chloride	.0: ANIONS	ND	30		mg/Kg	20 1/13/2	Ana 2017 2:17:21	alyst: L PM 2	.GT :9684
Lab ID:	1701493-009			(	Collection D	ate: 1/5/2017	9:15:00 AM	1	
Client Sample ID:	S4-1-12'				Mat	rix: SOIL			
Analyses		Result	PQL	Qual	Units	DF Date	Analyzed	Batc	h ID
EPA METHOD 300	.0: ANIONS	ND	30		mg/Kg	20 1/13/	Ana 2017 2:54:35	alyst: L PM 2	. <b>GT</b> 19684
Lab ID:	1701493-010			(	Collection D	ate: 1/5/2017	9:23:00 AM	1	
Client Sample ID:	S4-1-14'				Mat	rix: SOIL			
Analyses		Result	PQL	Qual	Units	DF Date	Analyzed	Bato	h ID
EPA METHOD 300 Chloride	.0: ANIONS	ND	30		mg/Kg	20 1/13/	Ana 2017 3:06:59	alyst: L PM 2	. <b>GT</b> !9684

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

- 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 Page 2 of 4
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order: 1701493

# Hall Environmental Analysis Laboratory, Inc.

Date Reported: 1/19/2017

-	OG Resources Dayton Water Line (Gu	ıshwa DX #1)			Lab Order:	1701493	
Lab ID: Client Sample ID:	1701493-011 S4-2-6'				n Date: 1/5/2017 9: Matrix: SOIL	35:00 AM	
Analyses		Result	PQL	Qual Units	DF Date A	nalyzed Batch	h ID
EPA METHOD 300	.0: ANIONS					Analyst: L	GT
Chloride		2500	75	mg/Kg	50 1/16/20	17 7:16:38 PM 2	9684
Lab ID:	1701493-012	,		Collection	n Date: 1/5/2017 9:	40:00 AM	
Client Sample ID:	S4-2-8'			1	Matrix: SOIL		
Analyses		Result	PQL	Qual Units	DF Date A	nalyzed Batc	h ID
EPA METHOD 300 Chloride	0.0: ANIONS	840	30	mg/Kg	20 1/13/20	Analyst: L 17 3:31:47 PM 2	<b>GT</b> 9684
Lab ID:	1701493-013			Collection	n Date: 1/5/2017 9:	46:00 AM	
Client Sample ID:	S4-2-10'			ľ	Matrix: SOIL		
Analyses		Result	PQL	Qual Units	DF Date A	nalyzed Batch	h ID
EPA METHOD 300 Chloride	.0: ANIONS	120	30	mg/Kg	20 1/13/20	Analyst: <b>L</b> 17 3:44:13 PM 29	<b>GT</b> 9684
Lab ID:	1701493-014			Collection	n Date: 1/5/2017 9:	55:00 AM	
Client Sample ID:	S4-2-12'			ī	Matrix: SOIL		
Analyses		Result	PQL	Qual Units	DF Date A	nalyzed Batc	h ID
EPA METHOD 300	.0: ANIONS					Analyst: L	GT
Chloride		37	30	mg/Kg	20 1/13/20	17 3:56:38 PM 2	9684
Lab ID:	1701493-015			Collection	n Date: 1/5/2017 10	):04:00 AM	
Client Sample ID:	S4-2-14'			ľ	Matrix: SOIL		
Analyses		Result	PQL	Qual Units	DF Date A	nalyzed Batc	h ID
EPA METHOD 300 Chloride	0.0: ANIONS	ND	30	mg/Kg	20 1/13/20	Analyst: L 17 4:09:02 PM 2:	<b>GT</b> 9684

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 3 of 4
	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

# **OC SUMMARY REPORT**

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1701493 19-Jan-17

Client:

**EOG Resources** 

Project:

Dayton Water Line (Gushwa DX #1)

Sample ID MB-29684

Prep Date: 1/13/2017

Sample ID LCS-29684

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID: PBS

Batch ID: 29684

RunNo: 40017

Analysis Date: 1/13/2017

SeqNo: 1254178

Units: mg/Kg

%RPD

%RPD

Analyte

Result

SPK value SPK Ref Val %REC LowLimit

HighLimit

**RPDLimit** Qual

Chloride

**PQL** ND

1.5 SampType: LCS

TestCode: EPA Method 300.0: Anions

RunNo: 40017

LowLimit

Client ID: LCSS

Prep Date: 1/13/2017

Batch ID: 29684 Analysis Date: 1/13/2017

SeqNo: 1254179

Units: mg/Kg HighLimit

**RPDLimit** Qual

Analyte

Result

SPK value SPK Ref Val **PQL** 

%REC 97.8

90

Chloride

15.00

0

110

15 1.5

#### Qualifiers:

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

Page 4 of 4



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:	EOG/Yates		Work C	rder Numbe	r: 17014	93			Rcpt	lNo: 1	
Received by/o	late: B.	E	OI	112/1	7	•••	···· ·· ·· ··			•	
Logged By:	Ashley Gal	llegos	1/12/2017	/ / 9:35:00 AN	1		A				
Completed By	-		1/12/2017	7 12:40:56 P	М		A				
Reviewed By:	2	A CONTRACTOR OF THE PARTY OF TH	Olliz	414			, 0				
 Chain of Cu	2 Istodv	do .								****	
	eals intact on s	ample bollles?			Yes	lJ	No	ll	Not Present	<b>Y</b>	
• •	f Custody comp				Yes	<b>Y</b>	No	[.]	Not Present	[ ]	
	the sample delly				Couri	<u>er</u>					
<u>Log in</u>											
-	ttempt made to	cool the sample:	s?		Yes	IJ	No	<b>(</b>	NA	П	
5. Were all s	amples receive	d at a temperatu	re of >0°C	to 6.0°C	Yes	: []]	: No l	¥)	NA I	[]	
6. Sample(s	) in proper cont	ainer(s)?			Yes	[ <b>'</b> ]	No	1:.7			
7, Sufficient	sampie volume	for Indicated test	t(s)? <sup>.</sup>		Yes	[ترا	No	C.I			
8. Are samp	les (except VOA	and ONG) prop	erly preserve	d?	Yes	<b>y</b>	No	$\square$			
9. Was pres	ervative added t	to bottles?			Yes	۲"۱	No	V)	NA		
10 VOA visis	have zero head	isnace?			Yes	l-1	No	L.J	No VOA Vlaīs	<b>X</b>	
		rets tecelved pto	ken?		Yes		No		<u></u>		
1 I, vyero arij	oumpio contaii	1010 10001100 010						·	# of preserved bottles checked	d	
	erwork match be				Yes	<u>(v)</u>	No		for pH:		
· ·	repancies on ch					اما	<b>.</b>	רייין	Adjusted	•	>12 unless noted)
•		ntified on Chain	of Custody?		Yes		No No		,,		
		vere requested?				<b>∑</b> )	No		Checked	by:	
	iolding times ab ify customer for				168	(Y)	110	LJ	L		
<u>Special Hai</u>	<u>ndling (if ap</u> j	olicable)									
16. Was clien	t notified of all d	liscrepancies witi	h this order?		Yes		No		NA	<b>!/</b> !	
Pen	son Notified:		Constant Service of Communication of Street	Date		i de esperante de la compansión de la comp	**************************************	MARK.			
By 1	Whom:	CONTRACTOR OF THE PARTY OF THE		Via:	eMa	il [ ]	Phone	Fax	In Person		
Reg	arding:					******		*****		rant.	
Clie	nt Instructions:									. )	
17. Additions	l remarks:										
18. Cooler II	formation										
Coole	No Temp ºC		Seal Intact	Seal No	Seal Da	te	Signed B	<b>y</b>			
11	<u> 13.3</u>	Good Y	es		·,	l.					

ly Record Turn-Around Time:	X Standarc   Rush  ANALYSIS LABORATORY	Project Name: www.hallenvironmental.com	Dayton Water Line (Gushwa DX #1) 4901 Hawkins NE - Albuquerque, NM 87109	Project #:	Anal	Concession (1)	SA S	Chase ceute	PO#205.0750 B's (G 88)	(188 (1898 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (1998 (	Camperature   1/2   2   2   3   3   3   3   3   3   3		X	None 602	S3-1-10' 1 - 4oz. None - \( \text{DO} \frac{3}{2} \)	None -004	S3-1-14"   1 - 4oz.   None   -OO5	S4-1-6' 1-4oz. None - ΔΟΟΦ	84-1-8' 1-40z. None - DD7	None		S4-1-14' 1-4oz None -O(O   x		S4-2-8' 1-40z None —OI2	Received by:  [1/2/17 6935   Remarks: Results needed by 1/18/2017.	Received by: Date Time
		Project Name:	Dayton Water	Projec	•	Τ.	ייין טופיניין ואיפון ופל					Contain Type and	1 - 402.	1 - 402.	1 - 402.	1 - 402.	1 - 402.	1 - 402.	1 - 402.	1 - 402.	1 - 402.	1 - 40z.	1 - 402.	1 - 402.	Received by:	Received by:
Chain-of-Custody Record	Nient: EOG Resources Inc.		ddress: ·	05 South 4th Street Artesia. NM 88210	575-703-6537	1				tion: o n Other	1 1	Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Time: Relinquished by:	Time: Refinquished by:
.Ü	Xient:		Aailing Address:	05 Sout	# enode	mail or Eavilt	AVOC Dockson	1 5 C	☐ Standard	\ccreditation:	J EDD (Type)	Date	1672017 8:19A	15220T 8:25A	1820m 8:31A	15200 8:37A	1520th 8:45A	1820T 8:59A	1/SZ2017 9:03A	11520T 3:09A	1520th 9:15A	15201 9:23A	16200T 9:35A	É	) ate:	)ate:



# Appendix D C-141 Initial

# NM OIL CONSERVATION ARTESIA DISTRICT

District 1
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesin, NM 88210
District III
1000 Rio Brazos Rond, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fc, NM 87505

State of New Mexico Energy Minerals and Natural Resources

FEB 1 8 2015

Form C-141 Revised August 8, 2011

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

, Submit 1 Copy to appropriate District Office in RECENT/Bibbe with 19.15.29 NMAC.

OPERATOR   Initial Report   Final Report   Trinal Report   Triples	, ,			Rel	easc			n and C	orrective A	ction	ì	*		
Name of Company   Costact   Chase Settle	DABIE	050	Y)280		•					•		ial Report		Final Report
Address   Sireet, Artesia, NM 88210   S75-748-4171	Name of C	ompany		2	K	575		Contact						
104 S. 4" Street, Artesia, NM 88210   575-748-4171   Facility Type   Payton Water Line (Gushwa DX #1)   Facility Type   Pipeline   Facility Type		oleum Con	poration		<u>. ان د</u>	710						·		
Dayton Water Line (Gushwa DX #1)   Pipeline	104 S. 4th S		sia, NM 882	10				575-748-41	71	•				•
Surface Owner Fee    Mineral Owner   API No. 30_015-10975			Gushwa DX	#1)					pe					
LOCATION OF RELEASE    Section   Township   Range   Feet from the   North/Spith Line   Feet from the   East/West*Line   County   Eddy		vner				Mineral	Owner	•			APÍ No	S		
Latitude 32,73268 Longitude - 104,28606   Feet from the   North/Sputh Line   Feet from the   East/West Line   County	1.00	•	· · · · · · · · · · · · · · · · · · ·		1	T O Ċ	A TOYO	NORDE	Y 10 4 070				-210	いる
Latitude 32.73268 Longitude -104.38606  NATURE OF RELEASE  Type of Release Produced Water Source of Release Froduced Water Source of Release Onch PVC produced water line Was Immediate Notice Given? Was Was Watercourse Reached?  Date and Hour of Occurrence 2/5/2015; n.m. 1/5/2015; 10:40 a.m. 1/5/2015; 10:40 a.	Unit Letter	Section	Townshin	Range	Fee					Foot/V			411	כט
NATURE OF RELEASE    Volume of Release   Produced Water   St60 B/PW   St60 B/PW   St60 B/PW   Steel of the Recovered   St60 B/PW   St60 B/PW   St60 B/PW   St60 B/PW   St60 B/PW   St60 B/PW   Date and Hour of Discovery   2/5/2015; a.m.   2/5/2015; 10:40 a.m.   If YES, To Whom?   Mike Bratcher, Heather Patterson, Rándy Dade   Date and Hour of Discovery   2/5/2015; a.m.   2/5/2015	J					· Hom the	110111	PRÓPIU PIUC	· ccc,nom inc	East v	ACSI TING			
Type of Release   Source of Relations   Source of Rela		•			]	Latitude <u>3</u>	2.7326	8 Longitud	e <u>-104,38606</u>					•
Source of Rolease 6 inch PVC produced water line Was Immediate Notice Civen?  Was Immediate Notice Civen?  Was Immediate Notice Civen?  Was Immediate Notice Civen?  Was a Watercourse Reached?  Date and Hour of Occurrence 2/5/2015; a.m.  If YES, To Whom? Amber Cunnon  Was a Watercourse Reached?  Was a Watercourse Reached?  Was a Watercourse was Impacted, Despribe Fully.*  NA  Describe Cause of Problem and Remedial Action Taken.*  There was a failure of the 6 in. PVC water line, causing a release of produced water.  Describe Area Affected and Cleanup Action Taken.*  Art approximate area of 1,000° X 230° was affected on the west side of the railroad tracks running south to northeast, 705° X 90° was affected on the cast side of the railroad tracks running south to northeast, 705° X 90° was affected on the cast side of the railroad tracks running south to northeast, 705° X 90° was affected on the cast side of the railroad tracks running south to northeast, 705° X 90° was affected on the cast side of the railroad tracks running south to northeast, 705° X 90° was affected on the cast side of the railroad tracks running south to northeast, 705° X 90° was affected on the cast side of the railroad tracks running south to north with 2 fingers splitting off to the east, one approximately 395° X 90° was affected on the cast side of the railroad tracks running south to north with 2 fingers splitting off to the east, one approximately 395° X 90° was affected on the cast side of the railroad tracks running south to north with 2 fingers splitting off to the east, one approximately 395° X 90° was affected and horizontal delineation samples will be taken and analysis ran for TPH & BTEX (chlorides for documentation). If initial analytical results for TPH & BTEX are under RRAL's (site ranking is 10) a Fingery C. (141 will be submitted to to ACCD requesting closure. If this analytical results for PTH & BTEX are under RRAL's (site ranking is 10) a Fingery C. (141 will be submitted to the OCD requesting closure. If this analytical re						NÄI	ÜRE	OF REL	EASE				•	
Source of Release 6 inch PVC produced water line 2/5/2015; n.m. 1f YES, To Whom? Mike Bratcher, Heather Patterson, Randy Dade  By Whom? Amber Cunnon Waş a Watercourse Reached?  Yes No Not Required  By Whom? Amber Cunnon Waş a Watercourse Reached?  Yes No Not Required  If YES, To Whom? Amber Cunnon Waş a Watercourse Reached?  Yes No Not Not Required  If YES, Volume Impacting the Watercourse.  If YES, Volume Impacting the Watercourse.  Not Note that the State of the Stat			•					Volume of	Release			•	·	
Was Immediate Notice Given?    Yes	Source of Ro	lease.					<del>,</del>	Date and I	lour of Occurrence	e	Date and	Hour of Di	covery	
By Whom? Amber Cannon  Date and Hour Zh5/2015; 11:20 a.m.  Was a Watercourse Reached?  Yes No  If a Watercourse Reached?  Yes No  If Yes, Volume Impacting the Watercourse.  NA  Describe Cause of Problem and Remedial Action Taken.*  There was a failure of the 6 in PVC water line, causing a release of produced water.  Describe Area Affected and Cleanup Action Taken.*  There was a failure of the 6 in PVC water line, causing a release of produced water.  Describe Area Affected and Cleanup Action Taken.*  There was a failure of the 6 in PVC water line, causing a release of produced water.  Describe Area Affected and Cleanup Action Taken.*  There was a failure of the 6 in PVC water line, causing a release of produced water.  Describe Area Affected and Cleanup Action Taken.*  An approximately 395 'X 90' was affected on the cast side of the railroad tracks running south to north with 2 fingers splitting off to the east, one approximately 395 'X 90' was affected on the cast side of the railroad tracks running south to north with 2 fingers splitting off to the east, one approximately 395 'X 90' was affected and horizontal delireation samples will be taken and analysis ran for TPH & BTEX (chlorides for documentation). If initial analytical results for TPH & BTEX are under RRAL's (site ranking is 10) a Final Report, C-141 will be automated to the OCD requesting closure. If the analytical results are above the RRAL's (site ranking is 10) a Final Report, C-141 will be automated to the OCD (approximately 75', Section 21, T185-R16E, per Trend Map), Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 10.  Litereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. In addition, NMOCD acceptance of a C-141 report by the NMOCD				<del></del>						1	2/5/2015	; 10:40 a.m.		
Amber Cannon    2/5/2015; 11:20 a.m.     If YES, Volume Impacting the Watercourse.     If Watercourse Reached?		1,01100		Yes [	] No	☐ Not R	equired			erson, R	ándy Ďade	;		
Was a Watercourse Reached?    Yes   No   If YES, Volume Impacting the Watercourse. NA   NA   NA   NA   NA   NA   NA   NA		An												
If a Watercourse was Impacted, Describe Fully.*  N/A  Describe Cause of Problem and Remedial Action Taken.*  There was a failure of the 6 in. PVC water line, causing a release of produced water.  Describe Area Affected and Cleanup Action Taken.*  An approximate area of 1,000° X 230° was affected on the east, one approximately 395° X 50° was affected on the east side of the railroad tracks running south to north with 2 fingers splitting off to the east, one approximately 395° X 50° and the other 595° X 75°. Vacuum trucks were called to remove standing fluid, and impacted soils will be excavated and hauled to a NMOCD approved facility. Vertical and horizontal delileration samples will be taken and analysis ran for TPH & BTEX (chlorides for documentation). If initial analytical results for TPH & BTEX (site ranking 10) a Final Report, C-141 will be submitted to the OCD requesting closure. If the analytical results are above the RRAL's a work plan will be submitted to the OCD. Depth to Ground Water; 50-99° (approximately 75°, Section 21, T18S-R26E, per Trend Map), Wellhead Protection Area: No, Distance to Surface Water Body; >1000°, SITE RANKING IS 10.  Liberaby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have falled to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, of local laws and/or regulations.  OIL CONSERVATION DIVISION  Approved by Environmental Regulatory Agent  Printed			hed?							he Wate	rcourse.			
Describe Cause of Problem and Remedial Action Taken.* There was a failure of the 6 in. PVC water line, causing a release of produced water.  Describe Area Affected and Cleanup Action Taken.* An approximate area of 1,000' X 230' was affected on the west side of the railroad tracks running south to northwest, 705' X 90' was affected on the east side of the railroad tracks running south to northwest, 705' X 90' was affected on the east side of the railroad tracks running south to northwest, 705' X 90' was affected on the east side of the railroad tracks running south to northwest, 705' X 90' was affected on the east side of the railroad tracks running south to northwest, 705' X 90' was affected on the east, one approximately 395' X 50' and the other 595' X 75'. Vacuum trucks were called to remove standing fluid, and impacted soils will be excavated and hauled to a NMOCD approved facility. Vertical and horizontal delineation samples will be taken and analysis ran for TPH & BTEX (chlorides for documentation). If initial analytical results for TPH & BTEX are under RRAL's (site ranking is 10) a Final Report, C-141 will be submitted to the OCD requesting closure. If this analytical results are above the RRAL's a work plan will be submitted to the OCD. Depth to Ground Water; 50-99' (approximately 75', Section 21, T185-R26E, per Trend Map), Welthead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 10.  I hereby certify that the information given above is true and complete to the best of my knowledge and inderstand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.  Signature was a failed to adequately investigate and remediate cont		-		Yes 🏻	No							en en en en en	ingira and	
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Signature: Market Chase Settle  Approved by Environmental Regulatory Agent  E-mail Address: csettle@yatespetroleum.com  Conditions of Approved C.D. Rules & Guidelines Remediation Per Signature Conditions of Approved C.D. Rules & Guidelines Remediation Per Signature Conditions of Approved C.D. Rules & Guidelines Remediation Per Signature Conditions of Approved C.D. Rules & Guidelines Remediation Per Signature Conditions of Approved C.D. Rules & Guidelines Remediation Per Signature Conditions of Approved C.D. Rules & Guidelines Remediation Per Signature Conditions of Approved C.D. Rules & Guidelines C.D. Rule	snovia meir c	perations n	ave falled to a	dequately	invest	tigate and re	cmediat	e contaminatio	on that nose a three	at to one	uınd üzəter	eurfors wa	ter luur	ion health
Printed Name: Chase Settle  Approved by Environmental Begulatory Agent  Approval Date: 2 9 5 Expiration Date: N/A  E-mail Address: csettle@yatespetroleum.com  Conditions of Approval C.D. Rules & Guidelines Remediation Per O:C.D. Rules & Guidelines Conditions of Approval C.D. Rules & Guidelines C.D. Ru	federal, state,	or local lav	s and/or regu	lations.			- John C	AAA HAF IBIIQA			•	••		UIIIÇF
Printed Name: Chase Settle  Approved by Environmental Regulatory Agent  Approval Date: 2   9   5   Expiration Date: N/A  E-mail Address: csettle@yatespetroleum.com  Conditions of Approval C.D. Rules & Guidelines Remediation per dic.D. Rules & Guidelines Remediation PROPOSAL NO	•	مهرويس المستدي		, e * * * *					OIL CONS	ERV	ATION	DIVISIO	N	
Title: NM Environmental Regulatory Agent  Approval Date: 2   9   5   Expiration Date: N/A  E-mail Address: csettle@yatespetroleum.com  Conditions of Approval C.D. Rules & Guidelines Remediation per O.C.D. Rules & Guidelines Conditions of Approval C.D. Rules & Guidelines C.D. Rules & C.D.	Signature; AND	1	3/5							ر ا	. <b>!</b> !	J.		
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E-mail Address: csettle@yatespetroleum.com  Conditions of Approval C.D. Rules & Guidelines Remediation per O.C.D. Rules & Guidelines Conditions of Approval C.D. Rules & Guidelines Remediation Per O.C.D. Rules & Guidelines Conditions of Approval C.D. Rules & Guidelines Remediation Per O.C.D. Rules & Guidelines Conditions of Approval C.D. Rules & Guidelines Remediation Per O.C.D. Rules & Guidelines				Agent			.	Approval Date	: 2/19/15	5 R	xpiration F	Date: All	7	
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Date: 02/18/2015 Phone: 575-748-4171   SUBMIT REMEDIA   O   FROT OSAL		•	Names beingen	······································		<del></del>	13	emediation	イザ部でC.D. F	lules d	& Guide DSAL N	O Attached		
ATENTIANI TIMIN	Date: 02/18/2	2015		Phone	: 575-	-748-4171	31	UBMIT RE	MEDIATION F	5				
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