MARTIN YATES, III

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JOHN A. YATES

JOHN A. YATES JR.

DOUGLAS E. BROOKS
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CHIEF EXECUTIVE OFFICER

JOHN D. PERINI
EXECUTIVE VICE PRESIDENT
CHIEF FINANCIAL OFFICER

JAMES S. BROWN CHIEF OPERATING OFFICER

August 13, 2015

Mr. Mike Bratcher NMOCD District II 811 South First Street Artesia, NM 88210

Re: Livingston Ridge SWD Water Line

(Wolf AJA Federal #17H)

30-015-39829

Section 25, T21S-R31E

Eddy County, New Mexico

Dear Mr. Bratcher:

Yates Petroleum Corporation would like to submit the following plan of work to you regarding the release that occurred at the above mentioned facility on June 18, 2015 (2RP-3074). The release was 50 barrels of produced water released, with 0 barrels of produced water recovered.

The release had a pooling area and an area that was affected by overspray. The area affected by overspray was treated with a 3% MicroBlaze solution. Yates Petroleum Corporation has had great success with vegetative recovery when overspray areas were treated with a 3% MicroBlaze solution. No excavation work will take place in this area. This approach has been approved by both NMOCD and BLM in the past for other releases nearby.

Yates Petroleum Corporation sampled the pooling section of the release area on July 28, 2015 to determine the vertical extent of TPH, BTEX and chloride contamination. There was only one sampling point for this release. The release area has both an Agave Energy gas line and a Yates Petroleum Corporation water line that run through the release area, and these lines did not allow enough room to conduct a second sampling point. The one sampling point was taken from the only available space that was safe for personnel and the backhoe operator. The analytical results showed the following:

• TPH and BTEX levels were below the NMOCD RRALs at 1', 2', and 3' below the surface level with results of non-detect.

• Results did show elevated levels of chlorides in the soil. Chloride levels at 1' were 2,500 ppm and increased to 4,300 ppm at 2' and 5,600 ppm at 3'. Chlorides then started to decrease to 5,500 ppm at 4', 5,200 ppm at 5', 5,100 ppm at 6', and 2,400 ppm at 7'. At 8' the chlorides increased to 8,000 ppm. There was a slight decrease in chlorides at 9' with a result of 5,500 ppm. Once again, chlorides increased with results of 6,100 ppm at 10', 11,000 at 11', and 12,000 at 12'. Results for 13' below the surface level showed a tremendous decrease in chlorides to 2,700 ppm. During the sampling event, Yates Petroleum Corporation encountered a soft caliche layer at approximately 11' below the surface level. The caliche layer got harder as we approached 13' below the surface level. The caliche layer slowed down the chlorides and kept the majority of the chlorides at 11' and 12' below the surface level.

Based off initial analytical results for the pooling area and the depth to groundwater being >100', Yates Petroleum Corporation proposes to excavate 4' from the release area and haul the contaminated soils to a NMOCD approved facility. The excavation will then be lined with a 20 mL synthetic liner. The installation of the liner will inhibit chlorides from migrating further down towards groundwater. After the liner is laid, the excavation will be backfilled with clean, like materials. Once all excavation and backfill work has been completed a Final C-141 will be submitted to NMOCD requesting closure of this site.

Analytical results and a site diagram are attached for your review.

If you have any questions or concerns, I can be reached at (575) 748-4111 or by email at agriffin@yatespetroleum.com.

Thank You,

amber Griffin

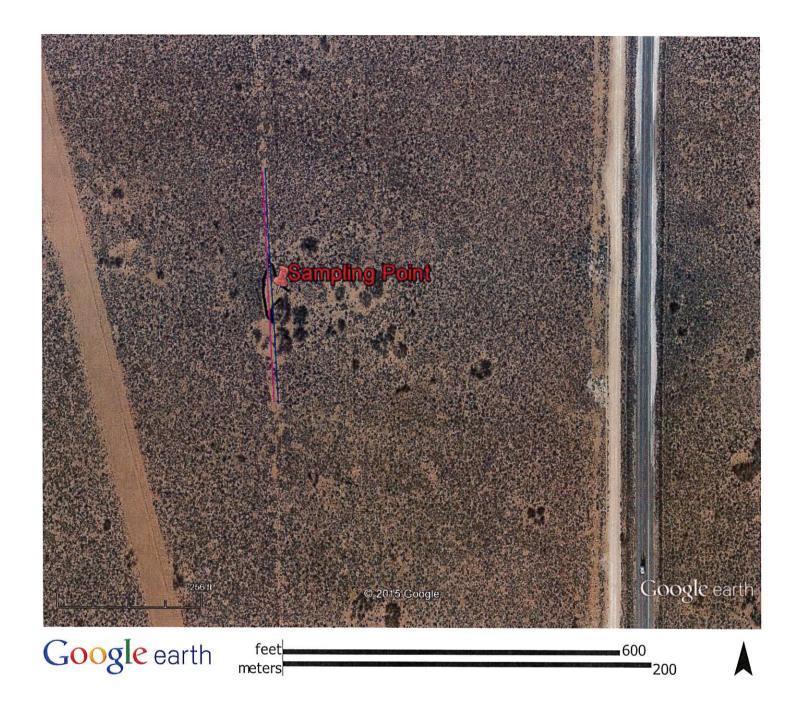
Environmental Regulatory Agent

Yates Petroleum Corporation





feet 2000 meters 700



Livingston Ridge SWD Line (Wolf)

			Analytical							
	Sample Area	Sample Date	Report	Sample Type	Depth	BTEX GRO	GRO	DRO	TOTAL	DRO TOTAL Chlorides
Wolf - 1'	Release area	7/28/2015	1507D92	Grab/Backhoe	1.	QN	QN	N	QN	2,500
Wolf - 2'	Release area	7/28/2015	1507D92	Grab/Backhoe	2'	ND	Q	Q	N	4,300
Wolf - 3'	Release area	7/28/2015	1507D92	Grab/Backhoe	3,	QN	8	9	QN	5,600
Wolf - 4'	Release area	7/28/2015	1507D93	Grab/Backhoe	.4	ı	ı		ı	5,500
Wolf - 5'	Release area	7/28/2015	1507D93	Grab/Backhoe	5'	ı	ı	ı	ţ	5,200
Wolf - 6'	Release area	7/28/2015	1507D93	Grab/Backhoe	6'	1	1	1	ı	5,100
Wolf - 7'	Release area	7/28/2015	1507D93	Grab/Backhoe	7.	1		1	,	2,400
Wolf - 8'	Release area	7/28/2015	1507D93	Grab/Backhoe	∞	1	,	ì		8,000
Wolf - 9'	Release area	7/28/2015	1507D93	Grab/Backhoe	9,	1	1	ì	1	5,500
Wolf - 10'	Release area	7/28/2015	1507D93	Grab/Backhoe	10,	1				6,100
Wolf - 11'	Release area	7/28/2015	1507D93	Grab/Backhoe	11'	ı		ı	ı	11,000
Wolf - 12'	Release area	7/28/2015	1507D93	Grab/Backhoe	12'	ı.	ı	L	Ü	12,000
Wolf - 13'	Release area	7/28/2015	1507D93	Grab/Backhoe	13'	ě		1	1	2,700

Site Ranking is ZERO (0). Depth to Ground Water >100' (approx. 125', per ChevronTexaco trend map).

All results are ppm.Chlorides for documentation. Released: 50 B/PW; Recovered: 0 B/PW. Release Date: 6/18/2015, 2RP-3074



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

August 07, 2015

Amber Cannon
Yates Petroleum Corporation
105 South Fourth Street
Artesia, NM 88210
TEL: (575) 748-4217

FAX

RE: Livingston Ridge SWD Water Line (Wolf)

OrderNo.: 1507D92

Dear Amber Cannon:

Hall Environmental Analysis Laboratory received 3 sample(s) on 7/31/2015 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 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

Lab Order 1507D92

Date Reported: 8/7/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation

Client Sample ID: Wolf-1'

Project:

Livingston Ridge SWD Water Line (Wol

Collection Date: 7/28/2015 7:56:00 AM

Lab ID:

1507D92-001

Matrix: SOIL

Received Date: 7/31/2015 8:00:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANIC	S			Analys	t: KJH
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	8/3/2015 8:32:54 AM	20541
Surr: DNOP	112	57.9-140	%REC	1	8/3/2015 8:32:54 AM	20541
EPA METHOD 8015D: GASOLINE RA	NGE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	8/3/2015 5:14:10 PM	20550
Surr: BFB	88.5	75.4-113	%REC	1	8/3/2015 5:14:10 PM	20550
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.049	mg/Kg	1	8/3/2015 5:14:10 PM	20550
Toluene	ND	0.049	mg/Kg	1	8/3/2015 5:14:10 PM	20550
Ethylbenzene	ND	0.049	mg/Kg	1	8/3/2015 5:14:10 PM	20550
Xylenes, Total	ND	0.099	mg/Kg	1	8/3/2015 5:14:10 PM	20550
Surr: 4-Bromofluorobenzene	94.4	80-120	%REC	1	8/3/2015 5:14:10 PM	20550

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
- 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
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 1 of 6 J
- P Sample pH Not In Range
- RL Reporting Detection Limit

Lab Order 1507D92

Date Reported: 8/7/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation

Livingston Ridge SWD Water Line (Wol

Lab ID: 1507D92-002

Project:

Matrix: SOIL

Client Sample ID: Wolf-2'

Collection Date: 7/28/2015 7:58:00 AM

Received Date: 7/31/2015 8:00:00 AM

Analyses	Result	RL (Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RAI	NGE ORGANIC	S			Analys	t: KJH
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	8/3/2015 8:59:53 AM	20541
Surr: DNOP	111	57.9-140	%REC	1	8/3/2015 8:59:53 AM	20541
EPA METHOD 8015D: GASOLINE RA	NGE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	8/3/2015 5:38:51 PM	20550
Surr: BFB	87.0	75.4-113	%REC	1	8/3/2015 5:38:51 PM	20550
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.048	mg/Kg	1	8/3/2015 5:38:51 PM	20550
Toluene	ND	0.048	mg/Kg	1	8/3/2015 5:38:51 PM	20550
Ethylbenzene	ND	0.048	mg/Kg	1	8/3/2015 5:38:51 PM	20550
Xylenes, Total	ND	0.095	mg/Kg	1	8/3/2015 5:38:51 PM	20550
Surr: 4-Bromofluorobenzene	91.9	80-120	%REC	1	8/3/2015 5:38:51 PM	20550

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
- RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 2 of 6 J
- P Sample pH Not In Range
- Reporting Detection Limit

Lab Order 1507D92

Date Reported: 8/7/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation

Client Sample ID: Wolf-3'

Project:

Livingston Ridge SWD Water Line (Wol

Collection Date: 7/28/2015 8:00:00 AM

Lab ID:

1507D92-003

Matrix: SOIL

Received Date: 7/31/2015 8:00:00 AM

Analyses	Result	RL Qu	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANIC	S			Analyst	: KJH
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	8/3/2015 9:26:49 AM	20541
Surr: DNOP	104	57.9-140	%REC	1	8/3/2015 9:26:49 AM	20541
EPA METHOD 8015D: GASOLINE RA	NGE				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	8/4/2015 12:40:22 AM	20550
Surr: BFB	91.3	75.4-113	%REC	1	8/4/2015 12:40:22 AM	20550
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.049	mg/Kg	1	8/4/2015 12:40:22 AM	20550
Toluene	ND	0.049	mg/Kg	1	8/4/2015 12:40:22 AM	20550
Ethylbenzene	ND	0.049	mg/Kg	1	8/4/2015 12:40:22 AM	20550
Xylenes, Total	ND	0.098	mg/Kg	1	8/4/2015 12:40:22 AM	20550
Surr: 4-Bromofluorobenzene	97.8	80-120	%REC	1	8/4/2015 12:40:22 AM	20550

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 6
- P Sample pH Not In Range
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

WO#:

1507D92

10-Aug-15

Client:

Yates Petroleum Corporation

Project:

Livingston Ridge SWD Water Line (Wolf)

Sample ID MB-20541	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: PBS	Batcl	n ID: 20	541	F	RunNo: 2	7904				
Prep Date: 7/31/2015	Analysis D)ate: 8/	3/2015	S	SeqNo: 8	39331	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								VC 3000/AV COURT
Surr: DNOP	10 10.00				101	57.9	140			

Sample ID LCS-20541	Samply	/pe: LC	S	Test	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batch	ID: 20	541	R	lunNo: 2	7904				
Prep Date: 7/31/2015	Analysis Da	ate: 8/	3/2015	S	eqNo: 8	39332	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	95.8	57.4	139			
Surr: DNOP	5.0		5.000		101	57.9	140			

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

Page 4 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#:

1507D92

10-Aug-15

Client:

Yates Petroleum Corporation

Result

1000

PQL

Project: Livingsto	on Ridge SWD Water Line (W	Volf)		
Sample ID MB-20550	SampType: MBLK	TestCode: EPA Method	8015D: Gasoline Range	e
Client ID: PBS	Batch ID: 20550	RunNo: 27919		
Prep Date: 7/31/2015	Analysis Date: 8/3/2015	SeqNo: 839770	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Gasoline Range Organics (GRO) Surr: BFB	ND 5.0 910 1000	91.4 75.4	113	
Sample ID LCS-20550	SampType: LCS	TestCode: EPA Method	8015D: Gasoline Range	e
Client ID: LCSS	Batch ID: 20550	RunNo: 27919		
Prep Date: 7/31/2015	Analysis Date: 8/3/2015	SeqNo: 839772	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Gasoline Range Organics (GRO)	26 5.0 25.00	0 103 79.6	122	
Surr: BFB	1000 1000	101 75.4	113	
Sample ID 5ML RB	SampType: MBLK	TestCode: EPA Method	8015D: Gasoline Rang	e
Client ID: PBS	Batch ID: R27950	RunNo: 27950		
Prep Date:	Analysis Date: 8/4/2015	SeqNo: 840981	Units: %REC	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Surr: BFB	910 1000	91.1 75.4	113	
Sample ID 2.5UG GRO LCS	SampType: LCS	TestCode: EPA Method	8015D: Gasoline Rang	e
Client ID: LCSS	Batch ID: R27950	RunNo: 27950		
Prep Date:	Analysis Date: 8/4/2015	SeqNo: 840982	Units: %REC	

SPK value SPK Ref Val %REC

1000

Qualifiers:

Analyte

Surr: BFB

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- Holding times for preparation or analysis exceeded H
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank

LowLimit

75.4

101

HighLimit

113

- Е Value above quantitation range
- Analyte detected below quantitation limits

Page 5 of 6

RPDLimit

Qual

%RPD

- P Sample pH Not In Range
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

WO#:

1507D92

10-Aug-15

Client:

Yates Petroleum Corporation

Project:

Livingston Ridge SWD Water Line (Wolf)

Sample ID MB-20550	SampT	уре: МЕ	BLK	Tes	tCode: El	A Method	8021B: Volat	tiles		
Client ID: PBS	Batch	n ID: 20	550	F	RunNo: 2	7919				
Prep Date: 7/31/2015	Analysis D	ate: 8/	3/2015	S	SeqNo: 8	39800	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.99		1.000		99.1	80	120			

Sample ID LCS-20550	SampT	ype: LC	s	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: LCSS	Batch	ID: 20	550	F	RunNo: 2	7919				
Prep Date: 7/31/2015	Analysis D	ate: 8/	3/2015	S	SeqNo: 8	39801	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.050	1.000	0	103	76.6	128		10-10-1	
Toluene	1.0	0.050	1.000	0	104	75	124			
Ethylbenzene	1.1	0.050	1.000	0	105	79.5	126			
Xylenes, Total	3.4	0.10	3.000	0	113	78.8	124			
Surr: 4-Bromofluorobenzene	1.1		1.000		108	80	120			

Sample ID 5ML RB	SampT	ype: MI	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batch	ID: R2	27950	F	RunNo: 2	7950				
Prep Date:	Analysis D	ate: 8	4/2015	\$	SeqNo: 8	41022	Units: %RE	С		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		99.5	80	120			

Sample ID 100NG BTEX LC	S SampT	ype: LC	cs	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batch	ID: R2	27950	F	RunNo: 2	7950				
Prep Date:	Analysis D	ate: 8	/4/2015	5	SeqNo: 8	41023	Units: %RE	С		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		108	80	120		-	

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

Page 6 of 6

P Sample pH Not In Range

RL Reporting Detection Limit



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

RcotNo: 1 Work Order Number: 1507D92 Yates Petroleum Corpora Client Name: Received by/date: 7/31/2015 8:00:00 AM Lindsay Mangin Logged By: 7/31/2015 9:03:57 AM Completed By: Lindsay Mangin 07/31/15 Reviewed By: Chain of Custody Not Present Yes [1. Custody seals intact on sample bottles? Not Present No Yes Y 2. Is Chain of Custody complete? Courier 3. How was the sample delivered? Log In NA 🗌 No Yes V 4. Was an attempt made to cool the samples? NA No L 5. Were all samples received at a temperature of >0° C to 6.0°C No 🗌 Yes V Sample(s) in proper container(s)? No . Yes 🗸 7. Sufficient sample volume for indicated test(s)? No 8. Are samples (except VOA and ONG) properly preserved? NA . Yes 🗌 No V 9. Was preservative added to bottles? No VOA Vials 🗸 Yes No 10. VOA vials have zero headspace? Yes 🗌 No V 11. Were any sample containers received broken? # of preserved bottles checked for pH No 🗌 Yes V 12. Does paperwork match bottle labels? (<2 or >12 unless noted) (Note discrepancies on chain of custody) Adjusted? No 13. Are matrices correctly identified on Chain of Custody? No 🗔 14. Is it clear what analyses were requested? No 🗌 Checked by: Yes V 15. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) No 🗌 NA V Yes 16. Was client notified of all discrepancies with this order? Date Person Notified: eMail Phone Fax In Person Via: By Whom: Regarding: Client Instructions: 17. Additional remarks: 18. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No Signed By Seal Date Good

HALL ENVIRONMENTAL	ANALYSIS LABORATORY		7109	71						UN	,,	,, 5	əlddu8 yiA										4000000	Remarks: TPH: 8015B, BTEX: 8021B. Please show BTEX results as mg/kg. Anions: Chloride only. Please put chloride	ž i
Z	BO	COL	4901 Hawkins NE - Albuquerque, NM 87109	Fax 505-345-4107	+	, -				(AO		n92) 0728		TOTAL STATE OF									3. Ple	3
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	'n		Livingston Ridge SWD Water Line (Wolf)			074		Sriffin	-2020	Amber Griffin RG	oN □	6	HEAL NO.	100-	-02	-033		na constant de la con						Date Time 07/51/15 0800	Date Time
Time:	Rush	ъ.;	on Ridge SWD			2RP-3074	ager	Amber Griffin	PO # 205-2020	Ą	M.Yes	perature: 4,	Preservativ e Type	lce	lce	lce								chui	
Turn-Around Time:	X Standard	Project Name:	Livingst	Project #:			Project Manager			Sampler:	On Ice:	Sample Temperature: 4	Container Type and #	1 - 4oz.	1 - 4oz.	1 - 402.			- Holes					Received by:	Received by:
Chain-of-Custody Record	Yates Petroleum Corporation			NW 08240	US South 4th Street Artesia, MW 66210	575-513-8799 or 575-748-4111	acannon@yatespetroleum.com		☐ Level 4 (Full Validation)				Sample Request ID	Wolf - 1"	Wolf - 2'	Wolf - 3'								Reinquished by:	ed by:
sh-J-Jc	etroleum			A And	eer Arres	575-513-	acannon			-			Matrix	7.56 Soil	7:58 Soil	8:00 Sail	255.00	***************************************			********			Refinquished by:	Relinquished by
nain-c	Yates P		dress:	Ath Cota	14th 5th		ax#:	kage:	, p		;	ype)	Тте											Time	Time:
ਹ	ient:		alling Address:	0	Up South	hone #:	mail or Fax#:	A/QC Package:	Standard	ocreditation.	NELAP	EDD (Type)	Date	//28/2015	//28/2015	7/28/2015)atte:)ate:

14 (4) A



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

August 07, 2015

Amber Cannon
Yates Petroleum Corporation
105 South Fourth Street
Artesia, NM 88210
TEL: (575) 748-4217

FAX

RE: Livingston Ridge SWD Water Line (Wolf)

OrderNo.: 1507D92

Dear Amber Cannon:

Hall Environmental Analysis Laboratory received 3 sample(s) on 7/31/2015 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 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

Lab Order 1507D92

Date Reported: 8/7/2015

Hall Environmental Analysis Laboratory, Inc.

Livingston Ridge SWD Water Line (Wol

CLIENT: Yates Petroleum Corporation

Client Sample ID: Wolf-1'

Collection Date: 7/28/2015 7:56:00 AM

Lab ID: 1507D92-001

Project:

Matrix: SOIL

Received Date: 7/31/2015 8:00:00 AM

Analyses	Result	RL Qu	al Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Anal	yst: LGT
Chloride	2500	150	mg/Kg	100 8/5/2015 2:27:02 PM	1 20587

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

Lab Order 1507D92

Collection Date: 7/28/2015 7:58:00 AM

Date Reported: 8/7/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation

eum Corporation Client Sample ID: Wolf-2'

Project: Livingston Ridge SWD Water Line (Wol

Lab ID: 1507D92-002 Matrix: SOIL Received Date: 7/31/2015 8:00:00 AM

Analyses	Result	RL Qu	al Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: LGT
Chloride	4300	150	mg/Kg	100 8/5/2015 3:04:15 PM	20587

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

Lab Order 1507D92

Date Reported: 8/7/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation

Client Sample ID: Wolf-3'

Project: Livingston Ridge SWD Water Line (Wol

Collection Date: 7/28/2015 8:00:00 AM

Lab ID:

1507D92-003

Matrix: SOIL

Received Date: 7/31/2015 8:00:00 AM

Analyses	Result	RL Qu	al Units	DF Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analy	st: LGT
Chloride	5600	300	mg/Kg	200 8/5/2015 3:16:40 PM	20587

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
- RPD outside accepted recovery limits R
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 3 of 4 J
- P Sample pH Not In Range
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

WO#:

1507D92

10-Aug-15

Client:

Yates Petroleum Corporation

Project:

Livingston Ridge SWD Water Line (Wolf)

Sample ID MB-20587

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID:

PBS

Batch ID: 20587

PQL

1.5

RunNo: 27959

Prep Date: 8/4/2015 Analysis Date: 8/4/2015

Units: mg/Kg

HighLimit

Analyte

Result

SeqNo: 841176

%RPD **RPDLimit**

Qual

Chloride

ND

SampType: LCS

PQL

TestCode: EPA Method 300.0: Anions

Client ID: LCSS Prep Date: 8/4/2015

Sample ID LCS-20587

Batch ID: 20587

RunNo: 27959

SeqNo: 841177

Analyte

Analysis Date: 8/4/2015

Units: mg/Kg

SPK value SPK Ref Val %REC LowLimit HighLimit

RPDLimit Qual

1.5

90.5

90

Chloride

Result 14

15.00

0

SPK value SPK Ref Val %REC LowLimit

110

%RPD

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
- % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit

Page 4 of 4



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

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

Sample Log-In Check List

Client Name: Yates Petroleum Corpora Work C	er Number: 1507D92 RcptNo:	1
agged b). Elliant, mang.	5:00:00 AM Junley Hoogs	
Reviewed By: (S 67/3	15	
Chain of Custody		
Custody seals intact on sample bottles?	Yes No Not Present 🗸	
2. Is Chain of Custody complete?	Yes V No Not Present	
How was the sample delivered?	Courier	
Log In		
Was an attempt made to cool the samples?	Yes 🗸 No 🗌 NA 🗔	
5. Were all samples received at a temperature of >0° (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 preser	d? Yes ✓ No 🗆	
9. Was preservative added to bottles?	Yes No 🗹 NA	
10.VOA vials have zero headspace?	Yes No No No VOA Vials 🗹	
11, Were any sample containers received broken?	Yes No ✓ # of preserved	Andrews, header and the Registration of the second of the
	Yes ✓ No for pH	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	(<2	or >12 unless noted
13. Are matrices correctly identified on Chain of Custod	Yes V No Adjusted?	
14. Is it clear what analyses were requested?	Yes V No	
15. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes V No Checked by:	A 100% Inches Librario of 100%
Special Handling (if applicable)		
16. Was client notified of all discrepancies with this ord	Yes 🗌 No 🗆 NA 🗹	
Person Notified:	Date	
	Via: eMail Phone Fax In Person	
By Whom:	SOURCE AND ADDRESS OF THE PARTY	
By Whom:		

HALL ENVIRONMENTAL	ANALYSIS LABORATORY	www.hallenvironmental.com	4901 Hawkins NE - Albuquerque, NM 87109	Tel, 505-345-3975 Fax 505-345-4107	Analysis Request	PS6	əld/s	986(083 (O) (I)	18:18:19:00:00:00:00:00:00:00:00:00:00:00:00:00	808 1 4 1 4 1 5 1 4 1 5 1 4 1 5 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6	bo bor o A o A o A o A o A o A o A	TPH Meth TPH (Meth B310 (Meth RCRA 8 M Anions (F) 8081 Pest 82608 (Vo 82608 (Vo 82608 (Vo	×	×	×							results as mg/kg. Anions: Chloride only. Please put chloride results on a separate report from TPH and BTEX.		This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.
38			র্য	,			-	WATER OWNER			-		M + <mark>X3T8</mark> M + X3T8	×	×	×						Remarks:	result		s possibili
	□ Rush		Livingston Ridge SWD Water Line (Wolf)		2RP-3074		Amber Griffin	DO # 206 2020	0202-002#	Amber Griffin	1	re: 4, 4	Preservativ HEAL No. e Type // 1577 B32	10-	-02	-68						 	2	Date lime	Laboratories This serves as notice of this
Time:		oj.	on Ridg			lanader	A A		2	ry Vee	1	perate		<u>s</u>	lce	lce					_		Chris		or or practical factors
Turn-Around Time:	X Standard	Project Name:	Livingst	Project #:		Droipot Man	1000			Sampler:		Sample emperature: 4	Container Type and #	1 - 4oz.	1 - 4oz.	1 - 4oz.						Received by:	Die.	Received by:	and the second second
Chain-of-Custody Record	Yates Petroleum Corporation		:S	05 South 4th Street Artesia, NM 88210			acannon(@yatesbeltoleull.com	re permisers	☐ Level 4 (Full Validation)		□ Oiner		Time Matrix Sample Request ID	7:56 Soil Wolf - 1*	7:58 Soil Wolf - 2'	8:00 Soil Wolf - 3'						G. Reinquished by:	amberandrin	PAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAM	
Chair	lient: Yate		alling Address:	05 South 4th	3000 H	1000 #.	mail or hax#:	A/QC Package:	Standard	ccreditation:	NELAP	EDD (Type)	Date Tim	7/28/2015 7								hate: Time:	7 15	Jate: Time:	



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

August 07, 2015

Amber Cannon
Yates Petroleum Corporation
105 South Fourth Street
Artesia, NM 88210
TEL: (575) 748-4217

FAX

RE: Livingston Ridge SWD Water Line (Wolf)

OrderNo.: 1507D93

Dear Amber Cannon:

Hall Environmental Analysis Laboratory received 10 sample(s) on 7/31/2015 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 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

Lab Order: 1507D93

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 8/7/2015

CLIENT: Project:

Yates Petroleum Corporation

Livingston Ridge SWD Water Line (Wolf)

Lab Order:

1507D93

Lab ID:

1507D93-001

Collection Date: 7/28/2015 8:06:00 AM

Matrix: SOIL

Analyses

Client Sample ID: Wolf-4'

RL Qual Units

DF Date Analyzed

Batch ID

Analyst: LGT

EPA METHOD 300.0: ANIONS

Chloride

300

mg/Kg

200 8/5/2015 3:29:05 PM

20587

Lab ID:

1507D93-002

Collection Date: 7/28/2015 8:11:00 AM

Client Sample ID:

Wolf-5'

Matrix: SOIL

Analyses

RL Qual Units

DF Date Analyzed

Batch ID

EPA METHOD 300.0: ANIONS

Chloride

5200

Result

5500

Result

Result

200 8/5/2015 3:41:30 PM

Analyst: LGT 20587

Lab ID:

Analyses

1507D93-003

mg/Kg

Collection Date: 7/28/2015 8:16:00 AM

Matrix: SOIL

Client Sample ID: Wolf-6'

RL Qual Units

300

300

DF Date Analyzed

Batch ID

EPA METHOD 300.0: ANIONS

Chloride

5100

mg/Kg

200 8/5/2015 3:53:54 PM

Analyst: LGT 20587

Lab ID:

1507D93-004

Collection Date: 7/28/2015 8:28:00 AM

Matrix: SOIL

Analyses

Client Sample ID: Wolf-7'

RL Qual Units

DF Date Analyzed

Batch ID

EPA METHOD 300.0: ANIONS

2400

Result

Result

Analyst: LGT

Chloride

75

mg/Kg

8/5/2015 4:06:19 PM

20587

Lab ID:

Analyses

Chloride

1507D93-005

Collection Date: 7/28/2015 8:40:00 AM

Client Sample ID: Wolf-8'

RL Qual Units

Matrix: SOIL

DF Date Analyzed

Batch ID

EPA METHOD 300.0: ANIONS

8000

300

mg/Kg

200 8/5/2015 4:18:43 PM

Analyst: LGT

20587

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

Holding times for preparation or analysis exceeded H

% Recovery outside of range due to dilution or matrix

Not Detected at the Reporting Limit ND

RPD outside accepted recovery limits

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

Page 1 of 3

P Sample pH Not In Range

Reporting Detection Limit

Lab Order: 1507D93

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 8/7/2015

CLIENT: Project:

Yates Petroleum Corporation

Client Sample ID:

Livingston Ridge SWD Water Line (Wolf)

Lab Order:

1507D93

Lab ID:

1507D93-006

Wolf-9'

Collection Date: 7/28/2015 8:57:00 AM

Matrix: SOIL

Analyses

Result

RL Qual Units

DF Date Analyzed

Batch ID

EPA METHOD 300.0: ANIONS

Chloride

5500

mg/Kg

200 8/5/2015 4:31:07 PM

Analyst: LGT 20603

Lab ID:

1507D93-007

Collection Date: 7/28/2015 9:00:00 AM

Matrix: SOIL

Analyses

Client Sample ID: Wolf-10'

RL Qual Units

DF Date Analyzed

Batch ID

EPA METHOD 300.0: ANIONS

Chloride

6100

Result

300

300

mg/Kg

200 8/5/2015 4:43:32 PM

Analyst: LGT 20603

Lab ID:

Analyses

1507D93-008

Collection Date: 7/28/2015 9:03:00 AM

Matrix: SOIL

Client Sample ID: Wolf-11'

Result RL Qual Units

DF Date Analyzed

Batch ID

EPA METHOD 300.0: ANIONS

Chloride

11000

750

mg/Kg

500 8/5/2015 4:55:57 PM

Analyst: LGT 20603

Lab ID:

1507D93-009

Collection Date: 7/28/2015 9:08:00 AM

Client Sample ID:

Analyses

Wolf-12'

RL Qual Units

Matrix: SOIL

Batch ID

EPA METHOD 300.0: ANIONS

Chloride

12000

Result

Result

750

DF Date Analyzed

Analyst: LGT 20603

1507D93-010

mg/Kg

500 8/5/2015 5:33:11 PM

Lab ID:

Analyses

Chloride

Client Sample ID: Wolf-13'

RL Qual Units

Collection Date: 7/28/2015 9:17:00 AM Matrix: SOIL

DF Date Analyzed

Batch ID

EPA METHOD 300.0: ANIONS

2700

150

mg/Kg

100 8/5/2015 5:45:35 PM

Analyst: LGT

20603

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

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits
 - Page 2 of 3
- P Sample pH Not In Range
- Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

WO#: 1507D93

07-Aug-15

Client:

Yates Petroleum Corporation

Project:

Livingston Ridge SWD Water Line (Wolf)

Sample ID MB-20587

SampType: MBLK

TestCode: EPA Method 300.0: Anions

TestCode: EPA Method 300.0: Anions

LowLimit

90

Client ID:

PBS

Batch ID: 20587

RunNo: 27959

Prep Date: 8/4/2015

Sample ID LCS-20587

Prep Date: 8/4/2015

Sample ID MB-20603

LCSS

SPK value SPK Ref Val %REC LowLimit

Analysis Date: 8/4/2015

SeqNo: 841176

Units: mg/Kg

HighLimit

%RPD

%RPD

RPDLimit

Qual

Analyte Chloride

ND

SampType: LCS

Batch ID: 20587

PQL

1.5

RunNo: 27959

Units: mg/Kg

Analyte

Client ID:

Result

Analysis Date: 8/4/2015 PQL

SeqNo: 841177

%REC

110

RPDLimit Qual

Chloride

Result 14

1.5 15.00

90.5

TestCode: EPA Method 300.0: Anions

HighLimit

Prep Date: 8/4/2015

Client ID: PBS Batch ID: 20603

SampType: MBLK

Analysis Date: 8/4/2015

RunNo: 27959 SeqNo: 841213

Units: mg/Kg

Qual

Chloride

Result ND SPK value SPK Ref Val %REC LowLimit

SPK value SPK Ref Val

HighLimit

%RPD

RPDLimit

Analyte

PQL 1.5

TestCode: EPA Method 300.0: Anions

Client ID:

LCSS

Sample ID LCS-20603

Batch ID: 20603

Result

14

RunNo: 27959

Analyte

Prep Date: 8/4/2015

SampType: LCS

Analysis Date: 8/4/2015

SeqNo: 841214

Units: mg/Kg

%RPD **RPDLimit**

Qual

Chloride

PQL

1.5

SPK value SPK Ref Val 15.00

0

%REC LowLimit 96.4

90

HighLimit

110

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H

ND

RPD outside accepted recovery limits R

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

S % Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank B

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Detection Limit Page 3 of 3



нап елуговтения акпум сиобанну

4901 Hawkins NE

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

Sample Log-In Check List Albuquerque, NM 87109

Client Name	Yates Petroleu	m Corpora	Work Ord	er Number:	1507D	93			Rept	No: 1	
Received by/date	e: 7A		14/4/	5			and the second section of the section of t				
Logged By:	Lindsay Man	gin	7/31/2015 8	MA 00:00			Southy Halin	מ			
Completed By:	Lindsay Man	gin	7/31/2015 9	:09:09 AM			Samly Hope	Ø			
Reviewed By:	(15	3	07/31/1	5							
Chain of Cus	tody										
1. Custody sea	als intact on sam	ple bottles?			Yes		No 🗀	Not	Present	Z	
2. Is Chain of C	Custody complet	e?			Yes	v	No 🗌	Not	Present	-	
3. How was the	e sample deliver	ed?			Couri	er					
<u>Log In</u>											
4. Was an atte	empt made to co	ol the sample	\$?		Yes	✓	No 🗌		NA		
5. Were all sar	mples received a	at a temperatu	re of >0°C to	6.0°C	Yes	V +	No 🗹		NA .		
6. Sample(s) i	in proper contain	er(s)?			Yes	•	No [PEOU	カトト	CUEST. HOA	31/12
7. Sufficient sa	ample volume fo	r indicated tes	t(s)?		Yes	V	No 🗔				
8. Are sample	s (except VOA a	nd ONG) prop	erly preserved	?	Yes	V	No 🗆				
	vative added to				Yes		No 🗸		NA		
10. VOA vials h	nave zero heads	pace?			Yes		No 🗆		OA Vials	~	
11, Were any s	sample containe	s received br	cken?		Yes	and the second	No 🗹	# of	preserved		
	work match bott				Yes	Y	No 🗔			(<2 or >12 unless noted)	
	epancies on cha	35.5			V	1.0	No 🗆		Adjusted		
	es correctly ident				Yes Yes		No	The state of the s	*		
	hat analyses we olding times able				Yes		No C		Checked	by:	
	y customer for a				103	13	**** 5.000	* # ## ###			,
Special Han	dling (if app	licable)									
16. Was client	notified of all dis	crepancies w	th this order?		Yes	П	No L	1	NA	. ▼	
Pers	on Notified:		Mosemoleuse inspections are united.	Date	province to a second contract of the second c	NATURAL PROPERTY AND ADDRESS OF		and a			
By W	Vhom:			Via:	eM	lail 🔲	Phone [] Fa	axIn	Person	a produktione	
Rega	arding:					nacostalno diretetto				AL-JAMPONEES	
Clier	nt Instructions:			. 5 . 52 .,							
17. Additional	remarks:	THE COLUMN ASSESSMENT OF THE PARTY OF THE PA		7441-11-01-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-		NICOMACO TO BASE	* 1.16**********************************	***************************************	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.		***************************************
18. Cooler In			1		0.6		2.00				
Cooler	CONTRACTOR AND PROPERTY OF THE PERSON OF THE	Condition	Seal Intact Not Present	Seal No	Seal D	ate	Signed By				
1	17.Z	Good	zil.								
Page 1		7-1-1	41(1)	sano astronomeno (222)							

ITAI	TORY								(14	-	,	11- UV											-	
HALL ENVIDONMENTA	ANALYSIS LABORATORY	www.hallenvironmental.com	4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107	mal	ese Sjud	es se	9) I Gas	TPP 6B (1,1) (H) (H) (H)	10: 814 814 10: 10: 10:	BE od . bo od . or	BTEX + MT BTEX + MT TPH Metho TPH (Metho 8310 (PUA RORA 8 Me RORA 8 Me ROIONS (F,C OV) 8081 Pestic	×	×	×	×	×	×	×	×	×	×	Remarks: Anions: Chloride only.	
Turn-Around Time:	X Standard 🗆 Rush	Project Name:	Livingston Ridge SWD Water Line (Wolf)	Project #:	2RP-3074	Project Manager:	Amber Griffin	PO # 205-2020	r. Am	On Ice: 🗆 Yes 🕅 No	Sample Temperature: 19, Z	Container Preservativ HEAL No.	1 - 4oz. Not Required - OO!	1 - 40z. Not Required - 60Z		1 - 4oz. Not Required -CCH	1 - 4oz. Not Required - (745)		1 - 4oz. Not Required - (7)7		oz. Not Required -059	cz. Not Required	Received by: Date Time M. Collett Of 71/15 0800	Received by: Date Time
Chain-of-Custody Record	Yates Petroleum Corporation	Pro		105 South 4th Street Artesia, NM 88210	575-513-8799 or 575-748-4111	acannon@yatespetroleum.com Pro		☐ Level 4 (Full Validation)			Sai	Sample Request ID	Wolf-4'	Wolf-5'	Wolf - 6'	Wolf - 7	Wolf - 8'	Wolf - 9'	Wolf - 10'	Wolf - 11'	Wolf - 12' 1 - 4cz.	Wolf - 13' 1 - 40z.		
ain-of-Cu	Yates Petrole		ress:	4th Street Art	575-57					□ Other	oe)	Time Matrix	8:06 Soil	8:11 Soil	8:16 Soil	8:28 Soil	8:40 Soil	8:57 Soil	9:00 Soil	9:03 Soil	9:08 Soil	9:17 Soil	Time: Relinquished by:	Time: Relinquished by:
S	Client:		Mailing Address:	105 South	Phone #:	email or Fax#:	CA/OC Package:	□ Standard	Accreditation;	□ NELAP	□ EDD (Type)	Date	7/28/2015	7/28/2015	7/28/2015	7/28/2015	7/28/2015	7/28/2015	7/28/2015	7/28/2015	7/28/2015	7/28/2015	Date:	Date: