

**From:** [Yu, Olivia, EMNRD](#)  
**To:** [Wright, Justin K](#); [Tucker, Shelly](#)  
**Subject:** RE: Google Earth Image  
**Date:** Monday, April 2, 2018 10:38:00 AM

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Mr. Wright:

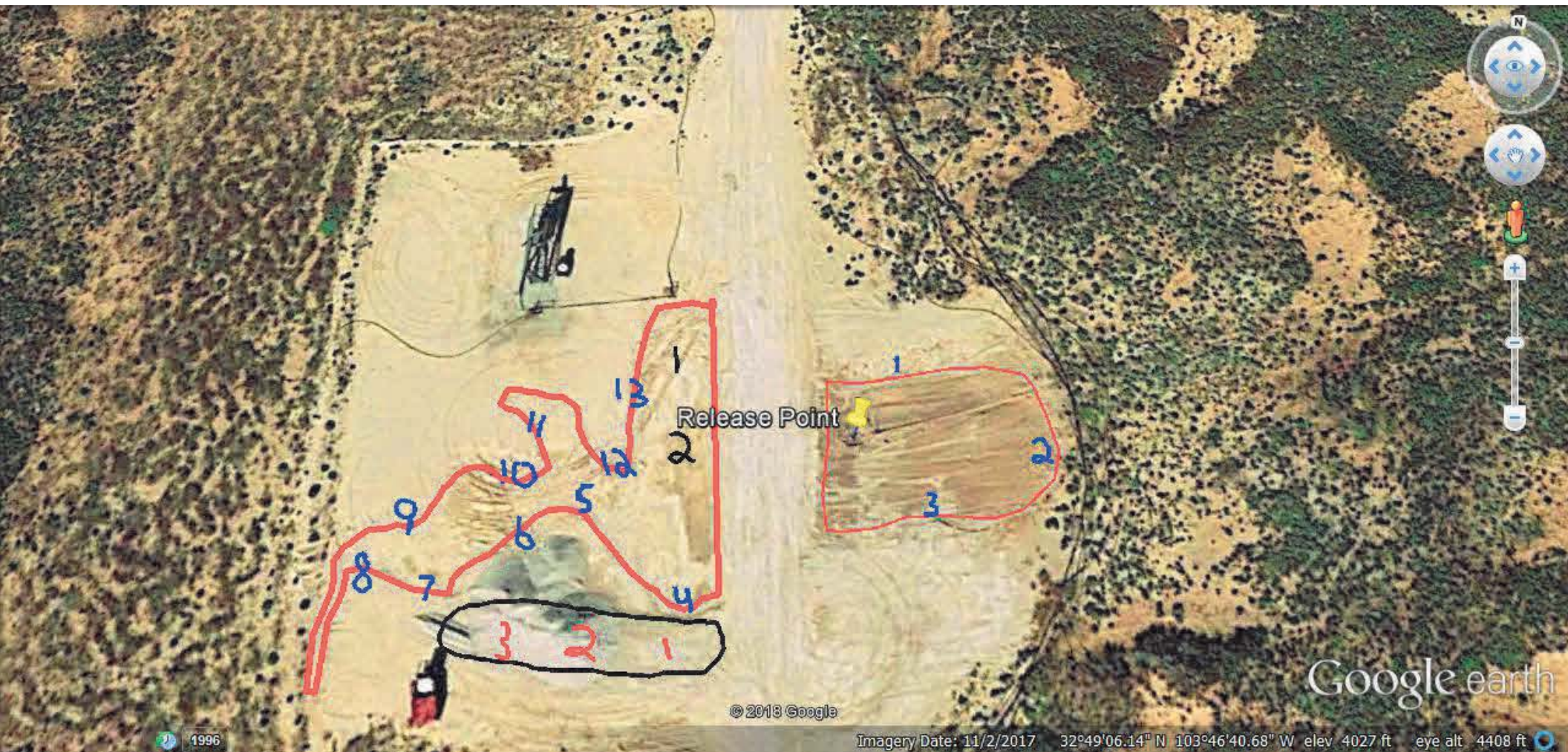
Thank you for the confirmation sample data for 1RP-4652. The approved delineation and workplan was sent back this morning. If not already collected, please run TPH and BTEX on Wall #1 location for verification that hydrocarbons are within permissible levels.

Thanks,  
Olivia

-----Original Message-----

From: Wright, Justin K <Justin.Wright@conocophillips.com>  
Sent: Thursday, March 15, 2018 3:31 PM  
To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; Tucker, Shelly <stucker@blm.gov>  
Cc: Wright, Justin K <Justin.Wright@conocophillips.com>  
Subject: Google Earth Image

The attached map shows in blue numbers our wall sample points. The black numbers show where the floor samples were taken. The outlined black area is where our stockpile is. We took 3 samples those are the red numbers from the stockpile. As you can see from the sample results the floor and sample pile are below 600 ppm chlorides and all wall samples with the exception of sample #1 is below 600 ppm chlorides. We will install our liner as it is written in our plan that has been submitted and backfill with our stockpiled material and cover with clean base coarse. We will in addition dig out wall #1 until we can get a wall and floor sample under 600 ppm chlorides. If you have any questions or concerns please contact me. Thank you Justin.



1996

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Imagery Date: 11/2/2017 32°49'06.14" N 103°46'40.68" W elev 4027 ft eye alt 4408 ft



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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March 15, 2018

JUSTIN WRIGHT

Conoco Phillips - Hobbs

P. O. BOX 325

Hobbs, NM 88240

RE: MCA #67

Enclosed are the results of analyses for samples received by the laboratory on 03/14/18 10:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-10. 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 [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



**Analytical Results For:**

Conoco Phillips - Hobbs  
JUSTIN WRIGHT  
P. O. BOX 325  
Hobbs NM, 88240  
Fax To: (575) 297-1477

Received:	03/14/2018	Sampling Date:	03/14/2018
Reported:	03/15/2018	Sampling Type:	Soil
Project Name:	MCA #67	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	COPC - LEA COUNTY, NM		

**Sample ID: WALL #1 (H800737-01)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	03/14/2018	ND	480	120	400	0.00	

**Sample ID: WALL #2 (H800737-02)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	03/14/2018	ND	480	120	400	0.00	

**Sample ID: WALL #3 (H800737-03)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/14/2018	ND	480	120	400	0.00	

**Sample ID: WALL #4 (H800737-04)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/14/2018	ND	480	120	400	0.00	

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 Conoco Phillips - Hobbs  
 JUSTIN WRIGHT  
 P. O. BOX 325  
 Hobbs NM, 88240  
 Fax To: (575) 297-1477

Received:	03/14/2018	Sampling Date:	03/14/2018
Reported:	03/15/2018	Sampling Type:	Soil
Project Name:	MCA #67	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	COPC - LEA COUNTY, NM		

**Sample ID: WALL #5 (H800737-05)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/14/2018	ND	480	120	400	0.00		

**Sample ID: WALL #6 (H800737-06)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/14/2018	ND	480	120	400	0.00	

**Sample ID: WALL #7 (H800737-07)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/14/2018	ND	480	120	400	0.00	

**Sample ID: WALL #8 (H800737-08)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/14/2018	ND	480	120	400	0.00		

**Sample ID: WALL #9 (H800737-09)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/14/2018	ND	464	116	400	3.39	QM-07	

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

Conoco Phillips - Hobbs  
JUSTIN WRIGHT  
P. O. BOX 325  
Hobbs NM, 88240  
Fax To: (575) 297-1477

Received:	03/14/2018	Sampling Date:	03/14/2018
Reported:	03/15/2018	Sampling Type:	Soil
Project Name:	MCA #67	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	COPC - LEA COUNTY, NM		

**Sample ID: WALL #10 (H800737-10)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/14/2018	ND	464	116	400	3.39		

**Sample ID: WALL #11 (H800737-11)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/14/2018	ND	464	116	400	3.39	

**Sample ID: WALL #12 (H800737-12)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/14/2018	ND	464	116	400	3.39		

**Sample ID: WALL #13 (H800737-13)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	03/14/2018	ND	464	116	400	3.39		

**Sample ID: FLOOR #1 (H800737-14)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/14/2018	ND	464	116	400	3.39	

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

Conoco Phillips - Hobbs  
JUSTIN WRIGHT  
P. O. BOX 325  
Hobbs NM, 88240  
Fax To: (575) 297-1477

Received:	03/14/2018	Sampling Date:	03/14/2018
Reported:	03/15/2018	Sampling Type:	Soil
Project Name:	MCA #67	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	COPC - LEA COUNTY, NM		

**Sample ID: FLOOR #2 (H800737-15)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/14/2018	ND	464	116	400	3.39		

**Sample ID: STOCKPILE #1 (H800737-16)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/14/2018	ND	464	116	400	3.39		

**Sample ID: STOCKPILE #2 (H800737-17)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	03/14/2018	ND	464	116	400	3.39		

**Sample ID: STOCKPILE #3 (H800737-18)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/14/2018	ND	464	116	400	3.39		

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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 SM4500Cl-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

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Celey D. Keene, Lab Director/Quality Manager







RUSH!!

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

Company Name: <u>Conoco Phillips</u>		P.O. #:		BILL TO												ANALYSIS REQUEST													
Project Manager: <u>Justin Wright</u>		Company:																											
Address:		Attn:																											
City: <u>Hobbs</u>		State: <u>NM</u> Zip: <u>88240</u>																											
Phone #: <u>575-631-9098</u>		Fax #:																											
Project #:		Project Owner: <u>CRP</u>																											
Project Name: <u>MCA #7</u>		State: Zip:																											
Project Location: <u>Lea County</u>		Phone #:																											
Fax #:		Fax #:																											
Sampler Name: <u>Justin Wright</u>		FOR LAB USE ONLY																											
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		MATRIX		PRESERV.		SAMPLING													
H800757																		CHLORIDES											
11 Well #11				✓														✓											
12 Well #12				✓														✓											
13 Well #13				✓														✓											
14 Floor #1				✓														✓											
15 Floor #2				✓														✓											
16 Stockpile #1				✓														✓											
17 Stockpile #2				✓														✓											
18 Stockpile #3				✓														✓											
Relinquished By: <u>[Signature]</u>		Date: <u>3-14-18</u>		Received By: <u>[Signature]</u>		Date: <u>3-14-18</u>		Time: <u>10:50 AM</u>		Sample Condition		CHECKED BY (Initials): <u>[Signature]</u>		REMARKS:															
Delivered By: (Circle One) <u>#75</u>		Time:		Time:		Cool		Intact		Yes		No		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:															
Sampler - UPS - Bus - Other: <u>1810/18050</u>		Time:		Time:		Cool		Intact		Yes		No		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:															