

January 11, 2016

Oil Conservation Division District 2 – Artesia 811 S. First St. Artesia, NM 88210

Re: Big Papi Federal Com #1

30-015-37833 Sec. 4, T26S-R29E Eddy County, NM

Mr. Mike Bratcher,

COG Operating LLC would like to submit for your consideration the enclosed work plan for the above captioned well. The plan is in response to the C-141 Initial report dated August 7, 2015.

Background

The release was due to a split in the poly line resulting in the release of 125 barrels of produced water of which 120 barrels were recovered. The release impacted the surrounding pasture, lease road, and crossed pipeline right of ways running parallel to the lease road. The release path ranged from approximately 30' in width at the initial point of release to 2' in width on the east side of the lease road and pipeline right of ways. The initial point of release occurred on a hillside causing the fluid to flow quickly in some areas while pooling in low lying areas. The attached Site Diagram depicts the approximate area impacted by the release along with the approximate sampling points.

Groundwater

Based on the Chevron-Texaco Trend Maps, the release area would be classified at a site ranking of **Zero** with depth to groundwater at greater than 100'.

Soil Assessment and Analytical Results

Sample points noted on the attached Site Diagram were chosen based on safe proximity to existing gas lines and release pooling areas. Below is a summary of the attached analytical results:

S1	CI-
1'	ND
2'	2520
3'	12000
4'	8130
6'	7360
8'	432
S2	CI-
1'	ND
2'	32
3'	12400
4'	7600
6'	432
S3	CI-
1'	9200
2'	560
.3,	1150
4'	1150
6'	816
54	CI-
1'	ND
2'	ND
3'	1570
4'	25600
6'	12800
8'	10100
10'	8130
12'	544

S 5	Cl-
1'	80
21	80
3'	208
4'	1840
6'	3400
8'	96
S6	CI+
1'	64
2'	256
3'	2080
4'	7360
6'	4200
8'	48
S7	CI-
1'	
	96
21.	96
2 ¹	96
2¹ 3¹	96 96
2¹ 3¹ 4¹	96 96 560
2' 3' 4' 6'	96 96 560 16000
2' 3' 4' 6' 8'	96 96 560 16000 17600
2' 3' 4' 6' 8' 10'	96 96 560 16000 17600 1540
2' 3' 4' 6' 8' 10' 12'	96 96 560 16000 17600 1540 ND
2' 3' 4' 6' 8' 10' 12'	96 96 560 16000 17600 1540 ND
2' 3' 4' 6' 8' 10' 12' \$8	96 96 560 16000 17600 1540 ND Cl- 48

Work Plan

COG Operating LLC proposes the following work plan based on delineation samples:

- S1: Surface scrape of approximately 4 inches to remove any visible staining. Sample results indicate high levels of chlorides at a depths past 2'. The scraped area will be capped with 2.5' of topsoil leaving the area at about 1' above the surrounding grade. Chlorides at this depth and at a site ranking of Zero poses no threat to ground water and chlorides are well below the root zone for future surface reclamation.

- S2: Surface scrape of approximately 4 inches to remove any visible staining. Sample results indicate high levels of chlorides at a depths of 3' & 4'. With chlorides at this depth and a site ranking of Zero posse no threat to ground water and chlorides are well below the root zone for future surface reclamation.
- **S3:** Excavate to a depth of 1.5' and backfill with topsoil. The chlorides left in place are slightly elevated at a depth of 3' & 4', but pose no threat to ground water and surface reclamation.
- **S4:** Surface scrape of approximately 4 inches to remove any visible staining. Sample results indicate high levels of chlorides at a depths of 4' plus. With chlorides at this depth and a site ranking of Zero poses no threat to ground water and chlorides are well below the root zone for future surface reclamation.
- **S5-S8:** Surface tillage with no excavation. This area is comprised of sandy topsoil with an underlying caliche base. S5 S7 show elevated chlorides below 3' which at a site ranking of Zero poses no impact to ground water and chlorides are well below the root zone for future surface reclamation.

Areas such as the lease road and the pipeline right of way will not be excavated or sampled due to safety concerns associated with work performed in these areas. The impacted area of the lease road will be bladed and caliche added to reduce the low lying areas in the road, thus immobilizing the chlorides from future leaching. The sampling performed up and down gradient of the pipeline right of ways should serve as representation of possible impact within these areas. The visible signs of fast moving fluid across these areas would lead one to suspect that impact is low in the areas associated with the pipelines and the sample results from S4 and S5 prove that any choride impact will probably be seen past the base of the pipeline. The excavated or disturbed areas will be reseeded with a BLM approved seed mixture in June 2016.

If there are no objections or further stipulations, COG Operating LLC would like to begin the remediation process based on approval of this work plan. Please feel free to contact me with any questions or concerns at (575) 748-6933.

Sincerely,

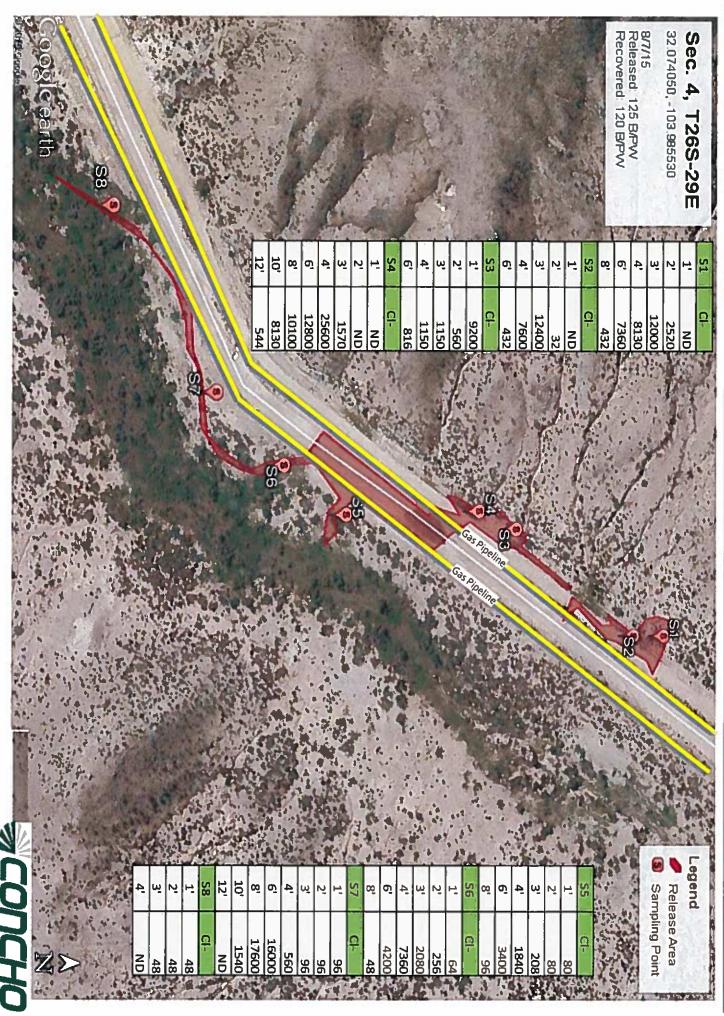
Lupe Carrasco

Environmental Coordinator

Enclosure(s): Site Diagram
Analytical Results

C-141 Initial (Copy)

Big Papi Federal Com #1





November 11, 2015

LUPE CARRASCO

COG OPERATING

P. O. BOX 1630

ARTESIA, NM 88210

RE: BIG PAPI FEDERAL COM #1

Enclosed are the results of analyses for samples received by the laboratory on 10/21/15 15:13.

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 www.tceq.texas.gov/field/qa/lab-accred-certif.html.

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.

Celeg D. Keine

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



COG OPERATING LUPE CARRASCO P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received: Reported: 10/21/2015

11/11/2015

Project Name: Project Number: BIG PAPI FEDERAL COM #1

Project Location:

NONE GIVEN

Sampling Date:

Sampling Type:

10/15/2015

Soil

Sampling Condition: Sample Received By:

** (See Notes)

Jodi Henson

Sample ID: S1 - 1' (H502749-01)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP	<u></u>				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	<16.0	16.0	10/23/2015	ND	432	108	400	3.77	
Sample ID: S1 - 2' (H502	2749-02)								
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	2520	16.0	10/23/2015	ND	432	108	400	3.77	
Sample ID: S1 - 3' (H502	2749-03)								
Chloride, SM4500Cl-B	mg/	lko	Analyze	d By: AP					
	11.97	NY .	Antonyac						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
·			•		B5 432	% Recovery	True Value QC 400	RPD 3.77	Qualifie
Analyte Chloride Sample ID: S1 - 4' (H502	Result 12000	Reporting Limit	Analyzed	Method Blank	•	•	•		Qualifie
Chloride Sample ID: S1 - 4' (H502	Result 12000	Reporting Limit	Analyzed	Method Blank ND	•	•	•		Qualifie
Chloride	Result 12000 2749-04)	Reporting Limit	Analyzed 10/23/2015	Method Blank ND	•	•	•		Qualifie

Cardinal Laboratories

*=Accredited Analyte

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Colony Herna



COG OPERATING **LUPE CARRASCO** P. O. BOX 1630 ARTESIA NM, 88210 NONE Fax To:

Received:

10/21/2015

Reported:

11/11/2015

Project Name:

BIG PAPI FEDERAL COM #1

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

10/15/2015

Sampling Type:

Sail

Sampling Condition: Sample Received By:

** (See Notes) Jodi Henson

Sample ID: S1 - 6' (H502749-05)

Chloride, SM4500CI-B

mg/kg

7360

432

Analyzed By: AP

Analyte

Result Reporting Limit

16.0

Analyzed 10/26/2015 Method Blank ND

BS

432

BS

416

% Recovery

108

True Value QC 400

Qualifier

0.00

RPD

Sample ID: S1 - 8' (H502749-06)

Chloride, SM4500CI-B mg/kg Analyzed By: AP Analyte Result Reporting Limit Analyzed Method Blank

Chioride

Chloride

16.0 10/29/2015

ND

% Recovery

104

True Value QC

400

RPD

3.92

Qualifier

Sample ID: S2 - 1' (H502749-08)

Chloride, SM4500CI-B mg/kg Analyzed By: AP Analyte Result Reporting Limit Analyzed Method Blank BS True Value QC RPD Qualifier % Recovery Chloride <16.0 16.0 10/23/2015 ND 432 108 400 3.77

Sample ID: S2 - 2' (H502749-09)

Chloride, SM4500CI-B mg/kg Analyzed By: AP Analyte Result Reporting Limit Analyzed Method Blank B\$ % Recovery True Value QC RPD Qualifier Chloride 32.0 16.0 10/23/2015 ND 432 108 400 3.77

Sample ID: S2 - 3' (H502749-10)

Chloride, SM4500Ci-B mg/kg Analyzed By: AP Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 12400 16.0 10/23/2015 ND 432 108 400 3.77

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COG OPERATING LUPE CARRASCO P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

10/21/2015

Reported:

11/11/2015

Project Name: Project Number: **BIG PAPI FEDERAL COM #1**

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

10/15/2015

Sampling Type: Sampling Condition: Soil ** (See Notes)

Sample Received By:

Jodi Henson

Sample ID: S2 - 4' (H502749-11)

Chioride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Anaiyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7600	16.0	10/23/2015	ND	432	108	400	3.77	
Sample ID: S2 - 6' (H502)	749-12)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	10/26/2015	ND	432	108	400	0.00	
Sample ID: S3 - 1' (H5027	749-14)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9200	16.0	10/23/2015	ND	432	108	400	3.77	
Sample ID: S3 - 2' (H5027	749-15)								
Chloride, SM4500Cl-B	mg.	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	10/23/2015	ND	432	108	400	3.77	
Sample ID: S3 - 3' (H5027	'49-16)								
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	10/23/2015	ND	416	104	400	0.00	

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Received:

10/21/2015

Reported:

11/11/2015

Project Name:

BIG PAPI FEDERAL COM #1

Project Number: Project Location: NONE GIVEN

NOT GIVEN

Sampling Date:

Sampling Type:

10/15/2015

Sampling Condition:

Soil

Sample Received By:

** (See Notes) Jodi Henson

RPD

0.00

0.00

Sample ID: S3 - 4' (H502749-17)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyte

Result Reporting Limit

Analyzed

Analyzed

Method Blank

BS

% Recovery

True Value QC

Qualifier

Chloride

1150

Result

816

Result

<16.0

16.0 10/23/2015 ND

416

BS

104

400

Sample ID: \$3 - 6' (H502749-18)

Chloride, SM4500CI-B

Analyte

Analyte

Analyte

Analyte

mg/kg

Analyzed By: AP

Method Blank

% Recovery

True Value QC

Chloride

Chloride

16.0 10/26/2015 ND

432

108 400 RPD Qualifier

Sample ID: S4 - 1' (H502749-20)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

16.0

Reporting Limit

Reporting Limit Analyzed Method Blank ND

BS 416 % Recovery

True Value QC

RPD

Qualifier 0.00

Sample ID: S4 - 2' (H502749-21)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

104

400

Chloride

Result <16.0 Reporting Limit 16.0

Analyzed 10/23/2015

10/23/2015

Method Blank ND

BS 416 % Recovery 104

True Value QC 400

RPD Qualifier

0.00

Sample ID: 54 - 3' (H502749-22)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

% Recovery

104

Qualifier

Chloride

Result 1570 Reporting Limit 16,0

Analyzed 10/23/2015 Method Blank ND

416

BS

400

True Value QC

RPD 0.00

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Received:

10/21/2015

Reported:

11/11/2015

Project Name:

BIG PAPI FEDERAL COM #1

Project Number: Project Location: NONE GIVEN

NOT GIVEN

Sampling Date:

10/15/2015

Soil

Sampling Type: Sampling Condition:

Sample Received By:

** (See Notes) Jodi Henson

Sample ID: \$4 - 4' (H502749-23)

Chloride, SM4500CI-B

Chloride

Chloride

Chloride

mg/kg

Analyzed By: AP

Analyte

Result

25600

Result

12800

Reporting Limit 16.0

Reporting Limit

16.0

Analyzed 10/23/2015

Analyzed

10/26/2015

Method Blank ND

BS 416 % Recovery 104

% Recovery

108

% Recovery

104

True Value QC

RPD 0.00

RPD

0.00

Qualifier

Qualifier

Sample ID: S4 - 6' (H502749-24)

Chloride, SM4500CI-B

Analyte

mg/kg

Analyzed By: AP

Method Blank

ND

BS

432

400

True Value QC

400

400

Sample ID: S4 - 8' (H502749-25)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyte

Result Reporting Limit 10100 16.0

Reporting Limit

16.0

16.0

Analyzed 10/29/2015 Method Blank ND

BS 416 True Value QC

RPD

Qualifier

3.92

Sample ID: S4 - 10' (H502749-26)

Analyte

Chloride, SM4500CI-B

mg/kg

Result

8130

Result

544

Analyzed By: AP

Analyzed

11/03/2015

Method Blank

ND

ND

BS 432

416

% Recovery 108

True Value QC 400

RPD

7.69

Qualifier

Chloride

Sample ID: S4 - 12' (H502749-27)

Chloride, SM4500CI-B

Analyzed By: AP

Analyte Chloride

mg/kg

Reporting Limit Analyzed

11/04/2015

Method Blank BS

% Recovery

104

True Value QC

400

RPD

Qualifier 0.00

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Colony & Kana



COG OPERATING LUPE CARRASCO P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

10/21/2015

Reported:

11/11/2015

BIG PAPI FEDERAL COM #1

Project Name: Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

Sampling Type:

Sampling Type: Sampling Condition: Soil

Sample Received By:

** (See Notes)
Jodi Henson

10/15/2015

Sample ID: S5 - 1' (H502749-28)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/23/2015	ND	416	104	400	0.00	
Sample ID: S5 - 2' (H502	749-29)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP		· -			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16,0	10/23/2015	ND	416	104	400	0.00	
Sample ID: S5 - 3' (H502	749-30)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP			_		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	10/23/2015	ND	416	104	400	0.00	
Sample ID: S5 - 4' (H502	749-31)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	85	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	10/23/2015	ND	416	104	400	0.00	
Sample ID: S5 - 6' (H502	749-32)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3400	16.0	10/26/2015	ND	432	108	400	3.77	

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Colony Kenne



COG OPERATING LUPE CARRASCO P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

10/21/2015

Reported:

11/11/2015

Project Name:

BIG PAPI FEDERAL COM #1

Project Number: Project Location: NONE GIVEN

NOT GIVEN

Sampling Date:

Sampling Type:

10/15/2015

Soil

Sampling Condition:

** (See Notes)

Sample Received By:

Jodi Henson

Sample ID: S5 - 8' (H502749-33)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	96.0	16.0	10/29/2015	ND	416	104	400	3.92	
Sample ID: S6 - 1' (H5027	749-36)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/23/2015	ND	416	104	400	0.00	
Sample ID: S6 - 2' (H5027	749-37)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	10/23/2015	ND	416	104	400	0.00	
Sample ID: S6 - 3' (H5027	'49-38)								
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	2080	16.0	10/23/2015	ND	416	104	400	0.00	
Sample ID: S6 - 4' (H5027	/49-39)								
Chtoride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
		16.0	10/23/2015	ND	416	104	400	0.00	

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*=Accredited Analyte

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COG OPERATING **LUPE CARRASCO** P. O. BOX 1630 ARTESIA NM, 88210 NONE Fax To:

Received:

10/21/2015

Reported:

11/11/2015

Project Name: Project Number:

Project Location:

BIG PAPI FEDERAL COM #1

NONE GIVEN **NOT GIVEN**

Sampling Date:

10/15/2015

Soil

Sampling Type: Sampling Condition:

** (See Notes)

Sample Received By:

Jodi Henson

Sample ID: S6 - 6' (H502749-40)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	85	% Recovery	True Value QC	RPD	Qualifier
Chloride	4200	16.0	10/26/2015	ND	432	108	400	3.77	
Sample ID: S6 - 8' (H502749	-41)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/29/2015	ND	416	104	400	3.92	
Sample ID: S7 - 1' (H502749	-44)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/23/2015	ND	416	104	400	0.00	
Sample ID: S7 - 2' (H502749	-45)								
Chloride, 5M4500Cl-B	mg	/kg_	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/23/2015	ND	416	104	400	0.00	
Sample ID: S7 - 3' (H502749	-46)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/23/2015	ND	416	104	400	0.00	

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PLEASE NOTE: Liabelry and Damages. Cordinal's liabelry and chem's exclusive remety for any claim arising, whether based in contract or tort, shall be limited to the amount paid by cleent for enabyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be Bable for incidental companies, including, without Brindshorn, business interruptions, loss of use, or loss of profits incident of whither such claim 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.

Celony & Kenne -



COG OPERATING LUPE CARRASCO P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

10/21/2015

Sampling Date:

10/15/2015

Reported:

11/11/2015

Sampling Type:

Soil

Project Name:

BIG PAPI FEDERAL COM #1

Sampling Condition:

** (See Notes) Jodi Henson

Project Number: Project Location: NONE GIVEN **NOT GIVEN**

Sample Received By:

Sample ID: S7 - 4' (H502749-47)

Chlorida	CM4EDOCL D
Çnjonae,	SM4500CI-B

ide, SM4500Cl-B	mg/kg
-----------------	-------

Analyzed By: AP

Analyte

Result Reporting Limit

16.0

Reporting Limit

Reporting Limit

16.0

16.0

Reporting Limit

16.0

Analyzed 10/23/2015

Analyzed

Analyzed

11/11/2015

Method Blank

BS % Recovery True Value OC

Oualifier

RPD

0.00

ND

104

400

Sample ID: S7 - 6' (H502749-48)

Chloride, SM4500Cl-B

Analyte

Analyte

Analyte

Analyte

mg/kg

Analyzed By: AP

% Recovery

True Value QC

400

Chloride

Chloride

Chloride

Chloride

Chloride

Result 16000

Result

17600

Result

1540

Result

<16.0

560

16.0 11/11/2015 Method Blank ND

Method Blank

ND

BS 400

416

100

RPD 7.69 Qualifier

Sample ID: S7 - 8' (H502749-49)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

400

% Recovery 100

True Value QC

RPD

Qualifier

Sample ID: S7 - 10' (H502749-50)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

400

7.69

Reporting Limit Analyzed

Method Blank ND

RS 400

400

% Recovery 100

True Value QC

RPD

Qualifier

Sample ID: S7 - 12' (H502749-51)

Chloride, SM4500CI-8

mg/kg

Analyzed By: AP

100

400

7.69

Analyzed

11/11/2015

11/11/2015

Method Blank

ND

B\$ % Recovery

True Value QC

400

RPD

7.69

Qualifier

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PLEASE NOTE: Liability and Dan All claims, including those for negligence and unless made in writing and received by Cardinal writin thirty (30) days after complete In no event including, without limitation, business interruptions, loss of use, or loss of profits incurred by Clerin, its subsidiaries, affiliates or successors arrang out of or related to the performance of the services freezunder by Cerdinal, regardless of whether such

Colory treams



COG OPERATING LUPE CARRASCO P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

10/21/2015

Reported:

11/11/2015

Project Name:

BIG PAPI FEDERAL COM #1

Project Number: Project Location: NONE GIVEN

NOT GIVEN

Sampling Date: Sampling Type:

10/15/2015

Soil

Sampling Condition: Sample Received By:

** (See Notes) Jodi Henson

Sample ID: 58 - 1' (H502749-52)

Chloride, SM4500CI-B

Chloride

Chloride

Chloride

Chloride

mg/kg

48.0

Result

48,0

Result

48.0

Analyzed By: AP

Analyte

Result Reporting Limit

16.0

Reporting Limit

16.0

Reporting Limit

16.0

Analyzed 10/23/2015

Analyzed

10/23/2015

Analyzed

10/23/2015

Method Blank ND

BS % Recovery 416

True Value OC

RPD

Oualifier

Sample ID: S8 - 2' (H502749-53)

Chloride, SM4500CI-B

Analyte

Analyte

Analyte

mg/kg

Analyzed By: AP

Method Blank

ND

% Recovery

104

104

400

0.00

Qualifier

Qualifier

Sample ID: S8 - 3' (H502749-54)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Method Blank

ND

ND

BS

432

BS

416

% Recovery

108

400

True Value QC

400

True Value QC

RPD Qualifier

0.00

Sample ID: S8 - 4' (H502749-55)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Result Reporting Limit Analyzed <16.0 16.0 10/23/2015

Method Blank

BS 432 % Recovery 108

True Value QC 400

RPD 0.00

RPD

0.00

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College & Karne



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

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PLEASE NOTE: Liability and Danages. Cardinal's liability and cleam's exclusive remedy for any cleam ansung, whether based in contract or tort, shall be limited to the amount paid by clean for analyses. All claims, including those for negligence and any other cause whitsolver shall be deemed warved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liabile for incidental or consequential damages, including, without firstation, business enterruptions, loss of use, or loss of profits incurred by clerk, its subsidiaries, arthlates in successors arising 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 written approval of Cardinal Laboratories.

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101 East Marland, Hobbs, NM 88240

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Company Name:	- 1			III BIL	BILL TO	2000		1	ANALYS	ANALYSIS KEQUESI	1
Project Manager:	HT: Lupe Carrasco			P.O. #:							
Address: 220	2208 West Main			Company:	COG Operating LLC	LLC					_
City: Artesia	State: NM	Z	Zip 88210	Attn:	Robert McNeill						
Phone #:	(575) 748-6940 Fax #:			Address:	600 W Illinois						
Project #:	Project Owner	3		City:	Midland		25	_	7		
Project Name:	Project Name: Big Papi Federal Com #1			State: TX	Zip: 79701				2-		
Project Location:	i.			Phone #: (432) 221-0388) 221-0388				23		
		N IN		Tax #:			- 7		0/		
Company remine.		1	MATRIX	PRESERV	SAMPLING				1		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER ACID/BASE ICE / COOL OTHER	DATE	ETEX	TPH	Chloride	Cl added		
1000	\$1-1				10/15/15			×			
7	\$1-2	×			10/15/15			×			
14	w (1	×			10/15/15			×			
17	S14.	×			10/15/15		-	×			
2-	S1-6;	×			10/15/15			7	×		
6	S1-8'	×			10/15/15				>		
7	S1-10'	×			10/15/15		+	*			
							++				
S1-6° S1-8° X 10/15/15 10/15/15	S1-8° S1-10°	×××			10/15/15			33	X		

CHECKED BY:

Relinquished By:

Sampler - UPS - Bus - Other: FORM-006 R Z.0

Delivered By: (Circle One)

Relinquished By:

Data:

Received By:

Phone Result:

atrujillo@concho com

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Chlorides fall better

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	COG Operating LLC	AX (5/5) 393-24	6	BILL TO	100 mm		ANALYSIS
Project Manager:	Lupe Carrasco			P.O. #:		_	
Address: 2208 V	2208 West Main			Company: COG Operating LLC	ating LLC		
큠		State: NM	Zip 88210	Attn: Robert McNeill	Nei		
œ ₹‡	(575) 748-6940	Fax #:		Address: 600 W Illinois	llinois		
		Project Owner:		City: Midland			
ame:	Big Papi Federal Com #1	**		State: TX Zip: 79701	01		3
~				Phone #: (432) 221-0388			12.
1 tojust coomiser.				1			0,
Sampler Name:	Lupe Carrasco			Tax #:	200		/
Lab I.D.	Sample I.D.		G)RAB OR (C)OMP. CONTAINERS GROUNDWATER WASTEWATER GOIL	SLUDGE DTHER: ACID/BASE: CE / COOL DTHER:	BTEX	ТРН	Cl added
S	S2 1		1		5		×
0	S2-2*		×	10/15/15			×
5	S2-3'		×	10/15/15	5		×
2	S2-4"		×	10/15/15	6		×
0	S2-6'		×	10/15/15	51		×
(N)	S2-8'		×	10/15/15	6		I
PLEAGE NOTE: Linking and in unimpress. All claims. Including service, in up event shall Card	EASE NOTTE: Listelly and Demages. Cardwell's listelliny and disablest. At claims including those for negligence and any other series. In so went shall Curation to habe for incidental or care	clerity anchairs remedy for an or cause whatspever shall be do neoquental damages, including t	y clam arang whether bread in control princip maked ushes reads in writing thought mission, business interprincip	PERRENOTE: Listely and Demages. Cardwal's listelly and clerc's unchange termedy for any claims aroung shrellest benead or best, statis be limited to the amount paid by the clerc's unchange statis be desired. At claims including those for negligence and any other cause intelligence which he desired wavend unless nucle is writing and received by Cardwal within 30 days after completion of the applicable service. In no event shall Cardwall be to be included our excellental duringon, including without installing, business intelligence, tops of time, as board in protest to protest the substances.	of by the client for the er completion of the applical client, its subschares,		
Relinquished By	ed By:		Received By:	ed BY:	Phone Result:	□ Yes	☐ No Add'I Phone #:
16	0	Time:			ğ	gcarrasco rcho.com	RUN UN
Refinquished By:	ease	31-12mg	1942/15 Received By:	I Comme			

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:
FORM-006 R 2 0



Company Name:	COG Operating LLC							9	BILL TO					ANALYSIS DECLIEST	
Project Manager:	Lupe Carrasco		į		ण	P.O. #	"				1		1		
Address: 2208	2208 West Main				ह्ना	Company:	3	3	COG Operating LLC	פרוכ	_				
City: Artesia	State: NM		꺕	88210	Attn:	ä			Robert McNeill	=					
Phone #:	(575) 748-6940 Fax #:				A	Address:	S		600 W Illinois	ā		S .			
Project #:	Project Owner:	E.			्रो ट्रा	?			Midland					TV	
Project Name: B	Project Name: Big Papi Federal Com #1				St	State: TX	¥		Zip: 79701					2.3	
Project Location:					7	50	3 k	(43	Phone #: (432) 221-0388					0/2	
Sampier Name:	Lupe Carrasco				TI O	Fax #:								10	
FOR LAB USE ONLY			_	MATRIX	ı	R	PRESERV	₹	SAMPLING				- 13		
Lab I.D. H502149	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER:	ACID/BASE	ICE / COOL	OTHER:	DATE		втех	трн	Chlonde	Cl addu	
8 7/	S3-1	_								A STATE OF THE PERSON NAMED IN	T		×		
200	S3-2'	×				- 1000			10/15/15				×		
8	\$3-3	×							10/15/15				×	Project of the control of the contro	
S	S3-4'	×							10/15/15				×		
S	S3-6*	×	_		5,3				10/15/15			1-1	I	X	
198	S3-8'	×	1		- 5				10/15/15				I		- % c
					di nevele										
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	of State of	A THE LABOR OF	100	PAR DERM IN ACRES STATES	Message	S AND	ì	210	AL TO GET SEEK COUNCY		The same				

CHECKED BY:

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Received By:

Phone Result: Yes No Add'l Phone #:

Fax Result: Yes No Add'l Fax #:

REMARKS: QCarrasco(Q)concho.com

atrujiilo@concho.com RUN UNITL CHLORIDES FALL BELOW 1000PPM

Phone Result:

Relinquished By:

Sampler - UPS - Bus - Other: FORM-006 R 2.0

Delivered By: (Circle One)



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Project Manager:	Lupe Carrasco	0	P.O. #:	ANAL GIO ARGOROS	\exists
٤ ا	2208 West Main	2	Company: COG Operating LLC		_
듄	State: NM	Zip 88210 At			
Phone #: (5	(575) 748-6940 Fax #:	A	Address: 600 W Illinois		_
Project #:	Project Owner:		City: Midland	7	
Project Name: Big	Big Papi Federal Com #1		State: TX Zip: 79701	23	-
Project Location:		P	Phone #: (432) 221-0388	0/0/2	
Sampler Name:	Lupe Carrasco	- Fa	Fax #:		
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	d d	_
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	ACID/BASE ICE / COOL OTHER :	BTEX TPH Chloride C/ addle C/ addle C/ addle	
20 84-1	-1			×	10.0
2 \$4-2"	-2*	×	10/15/15	×	
22 84-3	4	×	10/15/15	wasternamental and the contract of the contrac	
S4.4:	A .	×	10/15/15	X X X	
14 S4-6		×	10/15/15	=	
1 54-8	-8.	×	10/15/15	>	
14 S4-10	-10'	×	10/15/15	± ×	
27 S4-12'	-12'	×	10/15/15		
PLEASE NOTE: Luckary and Damagos. Ca analyses. All claims secketing these for rag- service. In no event shall Cardinal be fable	refrief's healty and clarify exclusive ligance and any other cause whatso for fractionist of consequential during	vermedy for any claim arquing whether based in contract or last, shall be limited to the line were test shall be deemed watered paletes made in writing and received by Cardinal widow 50 di gas, including without limitation, business interruptions, base of use, or less of profits incar	beed in contract or left, shall be lembed to the several pact by the cleant for the nucles in writing and received by Condrad within 30 days after completion of the a sea enterruptions, base of use, or hase of profits incurred by clears, its substitutions.	rdeet for the way of the applicable of the appli	ŀ
Relinquished By:	Date:	Received By:	Phone Re Fax Resul	Phone Result: Yes No Add'l Phone #:	
W C	lime:	Dogovery and	200	atrujillo@concho.com RUN UNITL CHLORIDES FALL BELOW 1000PPM	Mq
Reinquisned By:	127	Received by:	Gureia	N.	
Delivered By: (Circle One)		22 O Cool Interes	CHECKED BY:		

Sampler - UPS - Bus - Other: FORM-006 R 2.0



Company Name. CO Operaning LEG			
Project Manager: Lupe Carrasco	The second secon	P.O. #:	
Address: 2208 West Main		Company: COG Operating LLC	
City: Artesia	State: NM Zip 88210		
Phone #: (575) 748-6940	Fax#:	Address: 600 W Illnois	
Project #:	Project Owner:	City: Midland	3
Project Name: Big Papi Federal Com #1	om #1	State: TX Zip: 79701	/r.
Project Location:		Phone #: (432) 221-0388	10/2
Sampler Name: Lupe Carrasco		Fax #:	0
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	ed l'
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE ICE / COOL OTHER: DATE	TPH Chloride Cladde Cladde
28 85-1		10/15/15	
Z9 S5-2'	×	10/15/15	X
30 85-3	×	10/15/15	X (distribution)
3/ 85-4	×	10/15/15	X Section 1
32 S5-6	×	10/15/15	I de la companya de l
\$5-8'	×	10/15/15	X
\$5-10'	×	10/15/15	T
S5-12'	×	10/15/15	S contract to the second secon

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Received By:

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makees. All chains including those for negligenics and any other

use whithoever shall be deemed waved unless made in whing and secioned by Cardinal within 30 days when completan of the applicable weeks demagon, including selfood limitation, business manuplants, loss of use, or bas of profits positred by client, its subsidiaries.

Received By:

Phone Result:

atruillo@concho.com RUN UNITL CHLORIDES FALL BELOW 1000PPM

Sampler - UPS - Bus - Other: FORM-006 R 2 0

Delivered By: (Circle One)



												-
Project Manager:	Lupe Carrasco					P.O. #:						
Address: 2208 W	2208 West Main					Company:	COG Operating LLC	ng LLC				
City: Artesia		State: NM	N	Zip	88210	Attn:	Robert McNeill	¥.				
Phone #: ((575) 748-6940	Fax #:				Address:	600 W Illmos	08	_	22.7		
Project #:		Project Owner:				Clty:	Midtand					
Project Name: Big	Big Papi Federal Com #1					State: TX	Zip: 79701				23	
Project Location:						Phone #: (432) 221-0388	32) 221-0388				o/ /i	
Sampler Name:	Lupe Carrasco					Fax #:			_		10	
FOR LAB USE ONLY				\dashv	MATRIX	PRESERV	/ SAMPLING	G	_		lect	
Lab I.D.	Sample I.D.		OR (C)OMP	TAINERS NDWATER	EWATER	ASE: OOL				3	addec	
120			_			OTHER ACID/B ICE / C	DATE	BTEX	TPH	Chlorid	CI	
56 86-1			×				10/15/15		Н	×		
37 86-2	Ņ	A Very Company of the	×				10/15/15			×		
36 S6-3	ယ	And the statement of the second section of the second	×				10/15/15			×		
37 864	_4_		×				10/15/15			×		
40 S6-6	ģ	*	×	6/13) 6/13)			10/15/15			I	X	
1 Se-8.	Ġ	The state of the s	×				10/15/15			I	×	
42 S6-10	10'		×	1 7			10/15/15			I		
6 S6-12	12		×				10/15/15		-	I		

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

CHECKED BY:

Sampler - UPS - Bus - Other: FORM-006 R 2.0

Delivered By: (Circle One)

Relinquished By:

Received By:

Relinquished By:

nelyses. All claims, including these for negligence and any other cases whethorest shall be deemed waterd winders made it witing and received by Cardinal witten 30 days after completant of the applicable witten. It has event and Cardinal be lable for incoderal or consequental demages, including without traducts, bestress themsphare, has at use, or loss of profits incurred by claim, its subjectances, including the subject and the profits and the gentlements of services between trade or successors around take or related to the gentlements of services between trade or successors around the complete or otherwise.

hosevers interruptions, loss of use, or loss of profits incurred by client, its subjectsores, of whether such claim is based upon any of the above stated respons or otherwon

atruillo@concho.com RUN UNITL CHLORIDES FALL BELOW 1000PPM

Received By:



01 East Mariand, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

	(010) 000 2020 1000 (010) 000 2710	¥410				
Company Name:	COG Operating LLC		BILL TO		ANALYSIS REQUEST	
Project Manager:	Lupe Carrasco		P.O. #:			
Address: 2208	2208 West Main		Company: COG Operating LLC	ING LLC		
City: Anesia	State: NM	Zip 88210	Attn: Robert McNeil	ei	se se	
Phone #:	(575) 748-6940 Fax #:		Address: 600 W llimous	nous	11:	
Project #:	Project Owner:	er:	City: Midland] S	
Project Name: Bi	Big Papi Federal Com #1		State: TX Zip: 79701		жл 11.	
Project Location:	manderwa a gerkan ziandan Ask Askilik Ve annik v. a, dibikikwa Papin engalaspanjak pemin takik agi		Phone #: (432) 221-0388		9	
Sampler Name:	Lupe Carrasco		Fax#:		0	
FOR LAB USE ONLY		MATRIX	PRESERV SAMPLING	G		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL. SLUDGE	OTHER : ACID/BASE: ICE / COOL. OTHER :	BTEX TPH	Cladde	
s 144	S7-1"				×	
The second	\$7-2'	×	10/15/15	Agrandon e de forme se de commente de la commente del la commente de la commente	X	
46.8	\$7-3"	×	10/15/15	desirability of the second sec	×	
8 CH	\$7-4'	×	10/15/15	A A series and the series are the series and the series and the series are the series and the series and the series are the series and the series are the se	×	
8 · 84	S7-6'	×	10/15/15		X	
49. 8	S7-8'	×	10/15/15		H X	
S	S7-10'	×	10/15/15		H	
<i>5</i> . s	S7-12 [']	×	10/15/15		X	
readypes All claring excluding from pervisor, in pro-event shall Carchinal better or successors around out of	ges. Caronial sealiny and carris escal for hegigence and any other cause who e hable for incidental or corresponds do for related to the parternance of service	we i enterty for any came service response to comence or ser, make the meast to the stratus just by the come we were therefore shall be desented seased forfers produce in writing and recessed by Condhal width 30 days after composition of the applicable program, including without fertilization, business interruptions, force of seas, or feats of profile including by chard, for suchediament, is hereardize by Cardinal inguisations of whother such claim is based upon any of the above stated response or otherwise.	THERE TRANSPORT CLEARING OF MET, INVARING THE WINDOWN OF MET AT DESIGN OF SECOND PROPERTY	con Conta on the applicable replicable (to subsidiaries), as subsidiaries), as or otherwise		
Relinquished By:	Date:	Received By:		Phone Result: Yes Fax Result: Yes REMARKS: QCAITASCO	8 1	
Relinquished By:	Date /	Received By:		atrujillo@concho.com	m RUN UNITL CHLORIDES FALL BELOW 1000PPM	00PPM
	200	5	Sarga			
Delivered By: (Circle One)	(Circle One)	Sample Condition	CHECKED BY:			

Sampler - UPS - Bus - Other: FORM-006 R 2.0



Company Name:	: COG Operating LLC		BILL TO	100 100 100 100 100 100 100 100 100 100		<u>_</u>	ANALYSIS REQUEST
Project Manager;	Lupe Carrasco		P.O. #:				
Address: 2208	2208 West Main		Company: COG	COG Operating LLC			
City: Artesia	State: NM	Zip 88210		Robert McNeill			
Phone #:	(575) 748-6940 Fax #:		Address: 600	800 W Illinois			
Project #:	Project Owner:		City: Mic	Midland	_		
Project Name: E	Big Papi Federal Com #1		State: TX Zip: 79701	79701			
Project Location:			Phone #: (432) 221-0388	0388			
Sampier Name:	Lupe Carrasco	5	Fax #				
FOR IAB USE ONLY		MATRIX	PRESERV	SAMPLING			
Lab I.D.	Sample I.D.	I)RAB OR (C)OMP CONTAINERS ROUNDWATER ASTEWATER DIL	UDGE THER: CID/BASE: E / COOL THER:	FEX	PH	sloride	
	\$8-1"			/15	\dashv	×	
88,	S8-2'	×	10/15/15	/15		×	de la company de
	S8-3'	×	10/15/15	/15		×	
	S8-4'	×	10/15/15	/15		×	
	S8-6'	×	10/15/15	715		I	
	S8-8'	×	10/15/15	/15		I	
	S8-10'	×	10/15/15	7101		I	
and the same	S8-12'	×	10/15/15	/15		=	
PLEASE NOTE: (Labary limit) analyses. All clame including service, in so event shall Card	PLEASE NOTE; Labely and Demogas. Content's skeldy and clears exclusive remody by any clean arrang whether based in constant at bot, shall be brisked to the amount paid by the cleant for the analysis. At cleans including lices in regigence and any other cases whethousers include by deemed watered whether in withing and received by Cardeal within 30 days effect composition of the applicable service. In no event shall Cardraid be about the accounted or consequently dermaps, including effects in the factors in the cardial and cardraid by the state of the act of the state of	will arriery whether based in control fedmed waved uriest made in willing fedmed britishen, business witernights	act or tark shall be breast to the arrows and received by Cardinal within 10 days	paid by the clent for the application of the application of the application of the application of the applications of the appl			8
Relinquished By:	ed By: Date: Beceived By:	Received By:	erri is based upon any of the shove state	_	O Yes	No Ac	Add'l Phone #:
	(1)2 101			TOX ZORG			The state of the s

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

CHECKED BY

Relinquished By:

Time:

Phone Result: Yes No Add'l Phone #:

Fax Result: Yes No Add'l Fax #:

REMARKS: 9C3f73SC0(2)CONC10, COM

atruillo@concho.com RUN UNITL CHLORIDES FALL BELOW 1000PPM

Received By:

Sampler - UPS - Bus - Other: FORM-006 R 2.0

Delivered By: (Circle One)

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

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 accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

						OPERA'	ror		Initia	al Report		Final Report
Name of Cor						Contact: Ro	bert McNeill					·
Address: 600) West III	inois Avenue	e, Midlan	d TX 79701		Telephone 1	No. 432-230-007	7				
Facility Nam	e: Big Pa	pi Federal C	om #2H			Facility Typ	e: Well					
Surface Own	er: Feder	al		Mineral Ow	ner:				API No	. 30-015-3	7833	
	-			LOCAT	rio:	N OF REI	EACE		^			· · · · · ·
Unit Letter	Section	Township	Range			South Line	Feet from the	Fact/U	Vest Line	i	Coun	h.,
C	4	26S	29E	330'		North	1980'		Vest Line Vest		Edd	
			· · · · · ·	Latitude 32.07	80183	2 Longitude	-103 9915085					<i>I</i>
						OF RELI						
Type of Releas				11111	, 112,	Volume of	Release:	T		lecovered:		
Produced Water						125 bbls P			120 bbls I			
Source of Rele Flowline	ase:						our of Occurrence	2:		Hour of Dis	covery	:
Was Immediat	e Notice C	livan?				8/7/2015 7: If YES, To			8/7/2015	/:00 am		
was minedial	e Notice C		Yes 🔲	No Not Requ	uired		ther – NMOCD / J	im Amo	os – BLM			
By Whom?	Lupe Carr	asco				Date and H	our: Saturday, Au	gust 08.	, 2015 2:18	B PM		
Was a Waterco	ourse Reac						lume Impacting th					
			Yes 🛚	No								
Describe Area This release oc	Affected a	a poly flowlin and Cleanup A ng the road in	e. Vacuun etion Take an area ab	n trucks were dispa	ncho v	vill have the s	spill site sampled t	to deline	eate any po			on from the
regulations all public health o should their op	operators: r the envir erations hander. In actional law	are required to conment. The ave failed to a ddition, NMO vs and/or regu	report and acceptance dequately CD accept lations.	is true and complet d/or file certain rele e of a C-141 report investigate and rem ance of a C-141 rep	ease not by the rediate	otifications and NMOCD made contamination	d perform correct arked as "Final Re on that pose a thre	ive action port" de act to groes esponsit	ons for rele ces not relic ound water, oility for co	ases which eve the oper surface wa ompliance w	may en rator of ter, hur rith any	danger Tiability man health
Signature:	<i>A</i>	Lu	ئىزىد		_	A 1 1				DIVIDIO	<u> </u>	
Printed Name:	Amanda	Trujillo				Approved by	Environmental Sp	ecialist:				
Title: Senior E	nvironmen	tal Coordinate	or			Approval Date	2:	E	xpiration [Date:		
E-mail Address	s: <u>atrujillo</u>	@concho.com	l		_	Conditions of	Approval:			Attached		
Date: 8/21/20	15	Phone: 575-7	48-6940									
Attach Addition										-		