CONCHO

July 5, 2019

Mr. Bradford Billings
NMOCD
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: Closure Report for the Dominator 25 Fed Com Recycling Facility, NMOCD No. 1RF-439, Lea County, NM

Mr. Billings:

This letter is written to formally request the closure of the registration of the Recycling Facility 1RF-439 located in Section 25, T-25-S, R-33-E, Lea County, New Mexico. The facility has been shut down, the equipment removed and a final inspection and sampling of the remaining pad was performed. This facility was located on a permanent production facility pad and will be retained.

The depth to water below the base of the Above Ground Storage Tanks (AST) is greater than 50 feet as shown in the New Mexico Office of the State Engineer (NMOSE) database and adjacent well locations. Based upon the depth to water, the NMOCD Closure Criteria for Recycling Containments are listed as follows:

Table I
Closure Criteria for Recycling Containments

51 feet - 100 feet	Chloride	EPA 300.0	10,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

* Or other test methods approved by the division.
** Numerical limits or natural background level, whichever is greater.
[19.15.34.14 NMAC - N, 3/31/15]

A five spot composite sample was collected from the soils beneath the containment on May 8, 2019. A copy of the analytical report is attached. Based upon the results of the sampling, all constituents are below the Closure Criteria for Recycling Containments. A copy of the C-147 Closure Form is attached.

As such, please accept this letter, Form C-147 and attachments as the final Closure for Recycling Facility 1RF-439. If you have any questions or need any additional information, please advise.

Respectfully,

Tim Reed
Water Resource Analyst

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

Form C-147
Revised April 3, 2017

Recycling Facility Only

Type of action: ☐ Permit ☐ Registration ☐ Modification ☒ Closure ☐ Other (explain) _____

Be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.

Operator: COG Operating LLC (For multiple operators attach page with information) OGRID #: 229137

Address: 600 W. Illinois Ave. Midland, Texas 79707

Facility or well name (include API# if associated with a well): Dominator 25 Fed Com O CTB Recycle Facility

OCD Permit Number: 1RF-439 (For new facilities the permit number will be assigned by the district office)

U/L or Qtr/Qtr O Section 25 Township 25 S Range 33 E County: Lea

Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.

☒ **Recycling Facility:**

Location of recycling facility (if applicable): Latitude 32.096648 Longitude -103.525092 NAD83

Proposed Use: ☐ Drilling* ☒ Completion* ☐ Production* ☐ Plugging *

The re-use of produced water may NOT be used until fresh water zones are cased and cemented

☐ Other, ***requires permit for other uses. Describe use, process, testing, volume of produced water and ensure there will be no adverse impact on groundwater or surface water.***

☒ Fluid Storage

☒ Above ground tanks ☐ Activity permitted under 19.15.17 NMAC explain type _____

☐ Activity permitted under 19.15.36 NMAC explain type: _____ ☐ Other explain _____

☒ **Closure Report (required within 60 days of closure completion):** ☒ **Recycling Facility Closure Completion Date: 05/14/2019**

3.

Variances:

Justifications and/or demonstrations that the proposed variance will afford reasonable protection against contamination of fresh water, human health, and the environment.

Check the below box only if a variance is requested:

☐ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval. If a Variance is requested, include the variance information on a separate page and attach it to the C-147 as part of the application.

If a Variance is requested, it must be approved prior to implementation.

4.

Operator Application Certification:

I hereby certify that the information and attachments submitted with this application are true, accurate and complete to the best of my knowledge and belief.

Name (Print): Tim Reed Title: Water Resource Analyst

Signature: Tim Reed Date: 07/05/19

e-mail address: treed@concho.com Telephone: 432-258-8599

5.

OCD Representative Signature: _____ **Approval/Registration Date:** _____

Title: _____ **OCD Permit Number:** _____

☐ OCD Conditions _____

☐ Additional OCD Conditions on Attachment

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Twn	Rng	X	Y	Depth Well	Depth Water	Water Column
C 02312		CUB	LE	1	2	1	05	25S	33E	632241	3559687*	150	90	60
C 02313		CUB	LE	2	3	3	26	25S	33E	636971	3552098*	150	110	40
C 02373 CLW317846	O	CUB	LE	2	1	1	13	25S	33E	638518	3556544*	625	185	440
C 02373 S		CUB	LE	1	2	1	13	25S	33E	638721	3556549*	625	185	440

Average Depth to Water: **142 feet**

Minimum Depth: **90 feet**

Maximum Depth: **185 feet**

Record Count: 4

PLSS Search:

Township: 25S **Range:** 33E

***UTM location was derived from PLSS - see Help**

7/9/19 12:19 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Certificate of Analysis Summary 623731

COG Operating LLC, Artesia, NM

Project Name: Dominator 25 WRF

Project Id:
Contact: Ike Tavarez
Project Location: Lea County, NM

Date Received in Lab: Thu May-09-19 10:13 am
Report Date: 14-MAY-19
Project Manager: Jessica Kramer

Analysis Requested								
	Lab Id:	623731-001						
	Field Id:	Dominator 25 Pad						
	Depth:							
	Matrix:	SOIL						
	Sampled:	May-08-19 15:35						
BTEX by EPA 8021B	*Extracted:*	May-10-19 14:00						
	Analyzed:	May-11-19 08:26						
	Units/RL:	mg/kg	RL					
Benzene		<0.00201	0.00201					
Toluene		<0.00201	0.00201					
Ethylbenzene		<0.00201	0.00201					
m,p-Xylenes		<0.00402	0.00402					
o-Xylene		<0.00201	0.00201					
Total Xylenes		<0.00201	0.00201					
Total BTEX		<0.00201	0.00201					
Chloride by EPA 300	*Extracted:*	May-09-19 16:20						
	Analyzed:	May-13-19 15:58						
	Units/RL:	mg/kg	RL					
Chloride		28.4	5.00					
TPH By SW8015 Mod	*Extracted:*	May-10-19 09:00						
	Analyzed:	May-10-19 21:19						
	Units/RL:	mg/kg	RL					
Gasoline Range Hydrocarbons		<15.0	15.0					
Diesel Range Organics		<15.0	15.0					
Motor Oil Range Hydrocarbons (MRO)		<15.0	15.0					
Total TPH		<15.0	15.0					

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Jessica Kramer
Project Assistant

Final 1.000

Analytical Report 623731

for

COG Operating LLC

Project Manager: Ike Tavarez

Dominator 25 WRF

14-MAY-19

Collected By: Client

1211 W. Florida Ave
Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-19-29), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2017-142)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (T104704295-19-19), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-18-14)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-19-20)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-18-18)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-18-4)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Atlanta (LELAP Lab ID #04176)
Xenco-Tampa: Florida (E87429), North Carolina (483)

14-MAY-19

Project Manager: **Ike Tavarez**
COG Operating LLC
2407 Pecos Avenue
Artesia, NM 88210

Reference: XENCO Report No(s): **623731**
Dominator 25 WRF
Project Address: Lea County, NM

Ike Tavarez:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 623731. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 623731 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Jessica Kramer

Jessica Kramer
Project Assistant

Sample Cross Reference 623731

COG Operating LLC, Artesia, NM

Dominator 25 WRF

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Dominator 25 Pad	S	05-08-19 15:35		623731-001

CASE NARRATIVE

Client Name: COG Operating LLC

Project Name: Dominator 25 WRF

Project ID:
Work Order Number(s): *623731*

Report Date: *14-MAY-19*
Date Received: *05/09/2019*

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3088832 BTEX by EPA 8021B

Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Certificate of Analytical Results 623731

COG Operating LLC, Artesia, NM

Dominator 25 WRF

Sample Id:	**Dominator 25 Pad**	Matrix:	Soil	Date Received:	05.09.19 10.13
Lab Sample Id:	623731-001	Date Collected:	05.08.19 15.35		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	05.09.19 16.20	Basis:	Wet Weight
Seq Number:	3088945				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**28.4**	5.00	mg/kg	05.13.19 15.58		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	TX1005P
Tech:	ARM			% Moisture:	
Analyst:	ARM	Date Prep:	05.10.19 09.00	Basis:	Wet Weight
Seq Number:	3088788				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons	PHC610	<15.0	15.0	mg/kg	05.10.19 21.19	U	1
Diesel Range Organics	C10C28DRO	<15.0	15.0	mg/kg	05.10.19 21.19	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0	mg/kg	05.10.19 21.19	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	05.10.19 21.19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-135	05.10.19 21.19	
o-Terphenyl	84-15-1	99	%	70-135	05.10.19 21.19	

Certificate of Analytical Results 623731

COG Operating LLC, Artesia, NM

Dominator 25 WRF

Sample Id:	**Dominator 25 Pad**	Matrix:	Soil	Date Received:	05.09.19 10.13
Lab Sample Id:	623731-001	Date Collected:	05.08.19 15.35		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	SCM			% Moisture:	
Analyst:	SCM	Date Prep:	05.10.19 14.00	Basis:	Wet Weight
Seq Number:	3088832				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	05.11.19 08.26	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	05.11.19 08.26	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	05.11.19 08.26	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	05.11.19 08.26	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	05.11.19 08.26	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	05.11.19 08.26	U	1
Total BTEX		<0.00201	0.00201	mg/kg	05.11.19 08.26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	98	%	70-130	05.11.19 08.26	
1,4-Difluorobenzene	540-36-3	101	%	70-130	05.11.19 08.26	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 623731

COG Operating LLC

Dominator 25 WRF

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3088945 — Matrix: Solid — Date Prep: 05.09.19
MB Sample Id: 7677542-1-BLK — LCS Sample Id: 7677542-1-BKS — LCSD Sample Id: 7677542-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<0.858	250	258	103	260	104	90-110	1	20	mg/kg	05.13.19 11:45	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3088945 — Matrix: Soil — Date Prep: 05.09.19
Parent Sample Id: 623819-001 — MS Sample Id: 623819-001 S — MSD Sample Id: 623819-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	1180	250	1750	228	1750	228	90-110	0	20	mg/kg	05.13.19 15:06	X

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3088945 — Matrix: Soil — Date Prep: 05.09.19
Parent Sample Id: 623821-001 — MS Sample Id: 623821-001 S — MSD Sample Id: 623821-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	2350	251	2640	116	2630	112	90-110	0	20	mg/kg	05.13.19 12:13	X

Analytical Method: TPH By SW8015 Mod — Prep Method: TX1005P
Seq Number: 3088788 — Matrix: Solid — Date Prep: 05.10.19
MB Sample Id: 7677669-1-BLK — LCS Sample Id: 7677669-1-BKS — LCSD Sample Id: 7677669-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons	<8.00	1000	970	97	956	96	70-135	1	20	mg/kg	05.10.19 12:56	
Diesel Range Organics	<8.13	1000	982	98	967	97	70-135	2	20	mg/kg	05.10.19 12:56	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	92		124		124		70-135	%	05.10.19 12:56
o-Terphenyl	93		126		122		70-135	%	05.10.19 12:56

MS/MSD Percent Recovery — [D] = 100*(C-A) / B — LCS = Laboratory Control Sample — MS = Matrix Spike
Relative Percent Difference — RPD = 200* | (C-E) / (C+E) | — A = Parent Result — B = Spike Added
LCS/LCSD Recovery — [D] = 100 * (C) / [B] — C = MS/LCS Result — D = MSD/LCSD % Rec
Log Difference — Log Diff. = Log(Sample Duplicate) - Log(Original Sample) — E = MSD/LCSD Result

Final 1.000

QC Summary 623731

COG Operating LLC

Dominator 25 WRF

Analytical Method: TPH By SW8015 Mod — Prep Method: TX1005P
Seq Number: 3088788 — Matrix: Soil — Date Prep: 05.10.19
Parent Sample Id: 623380-001 — MS Sample Id: 623380-001 S — MSD Sample Id: 623380-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons	<7.98	997	973	98	978	98	70-135	1	20	mg/kg	05.10.19 13:56	
Diesel Range Organics	<8.10	997	1010	101	1020	102	70-135	1	20	mg/kg	05.10.19 13:56	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	126		123		70-135	%	05.10.19 13:56
o-Terphenyl	101		100		70-135	%	05.10.19 13:56

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3088832 — Matrix: Solid — Date Prep: 05.10.19
MB Sample Id: 7677734-1-BLK — LCS Sample Id: 7677734-1-BKS — LCSD Sample Id: 7677734-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.000387	0.101	0.113	112	0.106	106	70-130	6	35	mg/kg	05.10.19 23:38	
Toluene	<0.000458	0.101	0.105	104	0.0973	97	70-130	8	35	mg/kg	05.10.19 23:38	
Ethylbenzene	<0.000568	0.101	0.110	109	0.101	101	70-130	9	35	mg/kg	05.10.19 23:38	
m,p-Xylenes	<0.00102	0.201	0.229	114	0.212	106	70-130	8	35	mg/kg	05.10.19 23:38	
o-Xylene	<0.000346	0.101	0.112	111	0.106	106	70-130	6	35	mg/kg	05.10.19 23:38	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	90		101		102		70-130	%	05.10.19 23:38
4-Bromofluorobenzene	74		81		85		70-130	%	05.10.19 23:38

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5030B
Seq Number: 3088832 — Matrix: Soil — Date Prep: 05.10.19
Parent Sample Id: 623906-001 — MS Sample Id: 623906-001 S — MSD Sample Id: 623906-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.000383	0.0996	0.0996	100	0.0955	95	70-130	4	35	mg/kg	05.11.19 00:16	
Toluene	0.000773	0.0996	0.0919	91	0.0879	86	70-130	4	35	mg/kg	05.11.19 00:16	
Ethylbenzene	<0.000563	0.0996	0.0944	95	0.0910	90	70-130	4	35	mg/kg	05.11.19 00:16	
m,p-Xylenes	<0.00101	0.199	0.197	99	0.191	95	70-130	3	35	mg/kg	05.11.19 00:16	
o-Xylene	<0.000343	0.0996	0.101	101	0.0944	93	70-130	7	35	mg/kg	05.11.19 00:16	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	105		102		70-130	%	05.11.19 00:16
4-Bromofluorobenzene	83		88		70-130	%	05.11.19 00:16

MS/MSD Percent Recovery — [D] = 100*(C-A) / B — LCS = Laboratory Control Sample — MS = Matrix Spike
Relative Percent Difference — RPD = 200* | (C-E) / (C+E) | — A = Parent Result — B = Spike Added
LCS/LCSD Recovery — [D] = 100 * (C) / [B] — C = MS/LCS Result — D = MSD/LCSD % Rec
Log Difference — Log Diff. = Log(Sample Duplicate) - Log(Original Sample) — E = MSD/LCSD Result

Final 1.000

Analysis Request of Chain of Custody Record

623731 Page ____ of ____

CONCHO

One Concho Center/600/Illinois Avenue/Midland, Texas
Tel (432) 683-7443

Client Name: COG	Site Manager: Ike Tavarez
Project Name: Dominator 25 WRF	
Project Location: (county, state) Lea County, NM	Project #:
Invoice to: COG - Ike Tavarez	
Receiving Laboratory: Xenco	Sampler Signature: Tim Reed
Comments:	

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: DATE	TIME	MATRIX WATER	SOIL	PRESERVATIVE METHOD HCL	HNO_3	ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
	Dominator 25 pad	5/8/19	15:35		X			X			X		X												X				

(BTEX 8021B / BTEX 8260B circled; TPH 8015M (GRO - DRO - MRO) circled; Chloride circled)

Relinquished by: Tim Reed	Date: 5/9/19	Time: 10:10	Received by: [signature]	Date: 5/9/19	Time: 1013
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature
3.3/3.2
-0.1 IR

REMARKS:
☐ RUSH: Same Day 24 hr 48 hr (72 hr circled)
☐ Rush Charges Authorized
☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

ORIGINAL COPY

XENCO Laboratories
Prelogin/Nonconformance Report- Sample Log-In

Client: COG Operating LLC

Date/ Time Received: 05/09/2019 10:13:00 AM

Work Order #: 623731

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : R8

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	3.2
#2 *Shipping container in good condition?	Yes
#3 *Samples received on ice?	Yes
#4 *Custody Seals intact on shipping container/ cooler?	N/A
#5 Custody Seals intact on sample bottles?	N/A
#6*Custody Seals Signed and dated?	N/A
#7 *Chain of Custody present?	Yes
#8 Any missing/extra samples?	No
#9 Chain of Custody signed when relinquished/ received?	Yes
#10 Chain of Custody agrees with sample labels/matrix?	Yes
#11 Container label(s) legible and intact?	Yes
#12 Samples in proper container/ bottle?	Yes
#13 Samples properly preserved?	Yes
#14 Sample container(s) intact?	Yes
#15 Sufficient sample amount for indicated test(s)?	Yes
#16 All samples received within hold time?	Yes
#17 Subcontract of sample(s)?	N/A
#18 Water VOC samples have zero headspace?	N/A

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst: PH Device/Lot#:

Checklist completed by: Brianna Teel Date: 05/09/2019
Brianna Teel

Checklist reviewed by: Jessica Kramer Date: 05/10/2019
Jessica Kramer