Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM A	PPROVED
OMB No	1004-0137
Expires: Ji	uly 31, 201

5. Lease Serial No. NM-98173

Do not use this f	OTICES AND REPO orm for proposals t Use Form 3160-3 (A	6. If Indian, Allottee or	Tribe Na	ume					
SUBMIT	IN TRIPLICATE - Other	instructions on page 2.		7. If Unit of CA/Agreen	nent, Nai	ne and/or No.			
I. Type of Well				NM-101348					
Oil Well Gas W	ell Other			8. Well Name and No Millman SE Federal #	1				
2. Name of Operator Devon Energy Production Company	, LP		9. API Well No. 30-015-30376						
3a. Address	-1	3b. Phone Not (include area co	ode)	10. Field and Pool or Ex	plorator	y Area			
20 N. Broadway, Ste 1500, Oklahoma City, OK	73102	405-235-3611		Parkway Morrow Wes	t				
4. Location of Well (Footage, Sec., T., I	R.,M., or Survey Description,)		11. Country or Parish, S	tate				
2310' FNL & 660' FWL; UL E-33-T19S-R29E				EDDY					
12. CHEC	K THE APPROPRIATE BO	X(ES) TO INDICATE NATUR	E OF NOTIC	CE, REPORT OR OTHER	R DATA				
TYPE OF SUBMISSION		TY	PE OF ACT	TION					
Notice of Intent Subsequent Report Final Abandonment Notice 13. Describe Proposed or Completed Or the proposal is to deepen directiona. Attach the Bond under which the w following completion of the involvitesting has been completed. Final adetermined that the site is ready for	ally or recomplete horizontally or will be performed or project operations. If the operation of the operatio	ly, give subsurface locations and ovide the Bond No. on file with loon results in a multiple complete	Recla Reco Reco Reco Starting data I measured an BLM/BIA. Roon or recomp	nd true vertical depths of a Required subsequent repor Poletion in a new interval, a	W Order	nent markers and zones. be filed within 30 days 160-4 must be filed once			
1. Talon/LPE was retained by Devo Federal #1. A total of 3,014.01 cubic 2. In June 2011, Talon/LPE remobils subsequently excavated to prepare 13-7 feet deep. A total of 11,376 cubic 3. A trench was excavated on the broot 20 Mil. liner was installed over the 4. Native soil from Lea Land, LLC are The soil lift was contoured to match 5. The location will be seeded using	c yards of impacted soil frozed to the location to confor the liner installation. The yards of impacted soil woundaries of the closed drae location. The edges of a local borrow pit was to the surrounding terrain an	om the former drilling pit was tinue the excavation as per B le impacted area measured to ras transported to CRI for dispilling pit area and on Septemble the liner was keyed into the gransported to the location and d wind rows were installed or	excavated a LM reguirent to be 370-fee posal. ber 20, 2011 pround a min	and transported to Lea ments. The impacted ar et long by 240-feet wide 1, upon approval from t nimum of 3-feet below g er the top of the liner in	Land, L ea of the to a de he BLM ground s	LC. le location was lepth ranging from l, a 36,000 square surface.			

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Roy White

Title Production Foreman

NMOCD ARTESIA

This space for Federal or State Office Use

Approved by

Title Date

Conditions of approval, if any, are attached Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U S C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Accepted for record NMOCD



November 15, 2011

Bureau of Land Management

620 E. Green Street Carlsbad, NM 88220

AMARILLO
921 North Bivins
rillo, Texas 79107

Amarillo. Texas 79107 Phone 806.4670607 Fax 806.467.0622

Attention:

Subject:

Ms. Terry Gregston

Environmental Protection Specialist

ARTESIA

408 West Texas Ave. Artesia, New Mexico 88210 Phone 575.746.8768 Fax 575.746.8905 Rei

Remediation and Closure Report

Devon Energy Corporation Millman SE Federal No. 1 API# 30-015-30376

AUSTIN

911 West Anderson Lane Suite 202 Austin, Texas 78757 Phone 512.989.3428 Fax 512.989.3487

Dear Ms. Gregston,

Devon Energy Corporation has contracted Talon/LPE (Talon) to perform soil assessment and closure activities for the drilling pit located at the Millman SE Federal No. 1. The incident description, soil assessment, remediation activities and

closure request are submitted herein.

HOBBS

MIDLAND

318 East Taylor Street Hobbs, New Mexico 88240 Phone 575.393.4261 Fax 575.393.4658

Background Information

The Millman SE Federal No. 1 is located approximately thirty-two (32) miles southeast of Artesia, New Mexico. The legal location for the site is Section 33, Township 19 South and Range 29 East in Eddy County, New Mexico. More Specifically the latitude and longitude are 32.61818 North and -104.08634 West.

Midland, Texas 79706 Phone 432.522.2133 Fax 432.522.2180

290I State Hwv 349

SAN ANTONIO II Commercial Place Schertz, Texas 78154 Phone 210.265.8025 Fax 210.568.2191

TULSA

525 South Main Street Suite 535 Tulsa, Oklahoma 74103 Phone 918.742.0871 Fax 918.382 0232 According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services the soil in this area is made up of Reeves-Gypsum land complex soils with 0 to 3 percent slopes. The local surface and shallow geology, Quaternary Age sedimentary deposits, is comprised of alluvium and eolian sands which includes silty soils under lain by gypsum and hard caliches. Drainage courses in this area are normally dry. The New Mexico State Engineer web site indicates the nearest ground water data to be in S34-T19S-R29E. The depth to ground water in the area is reported to range from 60-feet to 115-feet deep with an average depth to water of 95' below ground surface (bgs). A copy of the referenced groundwater data obtained from the New Mexico State database is attached as Appendix I.

ENVIRONMENTAL CONSULTING

ENGINEERING
DRILLING
CONSTRUCTION
SPILL MANAGEMENT
GENERAL CONTRACTING

The ranking for this site is 10 based on the as following:

Depth to ground water 50'- 100'
Wellhead Protection Area >1000'
Distance to surface water body >1000'

Toll Free: 866.742.0742 www.talonlpe.com The former drilling pit area was originally excavated to a depth of approximately 2-feet below land surface for this project. A total of 3,014.01 cubic yards of soil were excavated and transported to Lea Land, LLC for disposal at that time. Closure was then requested from the BLM. At BLM's request, the excavated drilling pit was subsequently divided into 14 grid sections, each 50-feet long by 50-feet wide. Samples from each grid section were obtained and sent to Cardinal Laboratories for analysis of total chlorides. Following a meeting with the client and BLM, a revised work plan was generated and submitted for approval.

On June 8, 2011 Ms. Terry Gregston of the BLM Carlsbad field office approved the revised work plan with stipulations. The referenced BLM stipulations and grid section site map of the drilling pit provided by the BLM are presented in Appendix II.

Groundwater Sampling Results

On March 27, 2011 the Skylight Cave was entered and duplicate water samples were obtained for analytical testing and quality control purposes at the BLM's direction. The samples were transported the same day to Cardinal Laboratories for analysis of volatile organics (BTEX) per EPA Method 8021B; total Petroleum Hydrocarbons (TPH) per EPA Method 8015M; total dissolved solids (TDS) per Method 160.1; and total chlorides via Method SM 4500Cl-B. Complete copies of both lab reports, dated March 23, 2011, are attached hereto and are summarized in the following data table.

Sample Location	<u>BTEX</u>	Chlorides	<u>TDS</u>	TPH (mg/L)
Skylight Cave 1	ND*	1,550	5,570	ND
Skylight Cave 2	ND	1,600	5,520	ND

^{*}Not Detected within laboratory method detection limits

It is not unusual for shallow or perched groundwater in this area to have elevated indications of Total Dissolved Solids and Chlorides.

Actions Taken

In June, 2011 Talon personnel mobilized to the site again to continue excavation on the closed drilling pit, per the BLM stipulations.

Multiple sampling and field testing events for chlorides using field titration methods were conducted during the excavation process. The excavation was expanded and then re-sampled several times based on the field testing results and BLM site inspections.

A buried trash pit was encountered in the sidewall of the excavation adjacent to the well location. At BLM's direction and upon client approval, the trash pit was excavated and transported to CRI, Inc. for disposal.

On August 18, 2011 Talon personnel mobilized to the site again for closure soil sampling activities on the sidewalls and bottom of the excavation per BLM requirements. Grab soil samples were collected and submitted for laboratory analysis. Based upon laboratory results and BLM direction, additional excavation was required.

On September 1, 2011 Talon personnel returned to the site for additional soil sampling activities on the remaining sidewalls of the excavation per BLM requirements. Grab soil samples were collected utilizing a hand auger and submitted for laboratory analysis.

All soil samples were collected by Talon personnel wearing clean nitrile gloves. The samples were placed in laboratory provided glassware and transported to Cardinal Laboratories in Hobbs, New Mexico for analysis. The samples were tested for Total Chlorides via Method SM4500Cl-B. The complete laboratory reports are attached as Appendix III.

Analytical Results

Analytical results received from Cardinal Laboratories are summarized below:

Sample date: August 18, 2011

Location	Chlorides
North-side wall East-side wall	128 mg/kg 32
North-side wall South-side wall	272 208
North-side wall	10,000
North-side wall	2,960
North-side wall West-side wall East-side wall Bottom	608 64 1,390 928
	North-side wall East-side wall North-side wall North-side wall North-side wall North-side wall West-side wall East-side wall

Sample	Location	Chlorides
B-1	North-side wall East-side wall South-side wall Bottom	4,960 mg/kg 9,100 14,400 304
B-2	West-side wall East-side wall South-side wall Bottom	304 8,100 432 160
B-5	East-side wall West-side wall Bottom	80 160 432
C-2	East-side wall South-side wall Bottom	1,070 3,800 1,570
C-3	South-side wall North-side wall Bottom	2,680 288 96
C-4	North-side wall South-side wall Bottom	144 64 80
C-5	South-side wall West-side wall Bottom	64 144 160

Sample date: September 1, 2011

<u>Sample</u>	Location	<u>Chlorides</u>
A-3	North-side wall	1,250
A-4	North-side wall	656 .
A-5	East-side wall	144

Sample	Location	Chlorides
B-1	North-side wall East-side wall South-side wall	96 mg/kg <16 <16
B-2	East-side wall	208
C-2	East-side wall South-side wall Bottom	208 112 80
C-3	South-side wall	96

Remedial Actions

In June, 2011 Talon personnel mobilized to the site to resume excavation of the closed drilling pit and downsizing of the location as previously described. The impacted soil was excavated to a depth of 3-7 feet below land surface in specific grid sections and transported to CRI for disposal in stages based upon resulting laboratory results. An approximate total of 11,376 cubic yards of contaminated soil were excavated and transported to CRI for disposal. The excavated area was left open until an approval from the BLM was granted to begin installation of the liner.

On September 20, 2011 Talon personnel began installing a composite 20 millimeter liner over the excavated area. The edges of the liner were keyed a minimum of 3-feet deep into a trench excavated at the boundaries of the former drilling pit.

The excavated area was subsequently backfilled to grade using new material backhauled from Lea Land, LLC and with material obtained from a local pit. This new fill material was placed over the top of the 20 millimeter liner in a 3-foot soil lift. The soil lift was contoured to match the surrounding terrain and wind rows were installed over location for erosion control. The location will be seeded using the recommended seed mixture for the area (BLM #4).

Conclusions and Recommendations

- Ground water in the project vicinity is approximately 95-feet below land surface per the New Mexico State Engineer Database.
- Based on the depth to groundwater and the remedial actions as described herein, it is unlikely that the impacts identified from this former drilling pit will pose a threat to groundwater.

- The impacted area has been excavated to varying depths of 3-feet to 7-feet deep below land surface.
- The results of the sampling and analytical program were approved by the BLM prior to completion of field activities.
- Based upon the results of the sampling and analytical program, all chemical parameters tested for are reported to be less than their respective Recommended Remedial Action Levels (RRALs).

Therefore, on behalf of Devon Energy Corporation, we respectfully request that no further actions be required and that closure with respect to this release be granted.

Should you have any questions or if further information is required, please do not hesitate to contact us at 575.746.8768.

Respectfully submitted,

TALON/LPE

miselstullifield

Mike Stubblefield Project Manager David J. Adkins
District Manager

APPENDIX I GROUNDWATER DATA



New Mexico Office of the State Engineer Water Column/Average Depth to Water

ROD Number. ba	ub asin Use G	(quarte	Q	ġ	Q	1			NAD83 UTM	D	epth D	(In feet) epth W ater Col	
CP 00646	PRO	ED	1	1	4	07	198	29E	583155	3615552*	199		
CP 00681	PRO	ED	1	1	3	34	198	29E	587230	3609127*			
CP 00703	PRO	ED		4	1	36	198	29E	590945	3609441*	200	115	85
CP 00739	PRO	ED	3	4	4	35	198	29E	590046	3608532*	200	110	90
CP 00741	PRO	ED	1	3	2	34	198	29E	588030	3609533*	230	60	170
CP 00820	STK	LE		2	4	13	198	29E	591713	3613870*	120		
CP 00821	STK	LE		4	4	25	198	29E	591743	3610248*	120		
									Avera	age Depth to	Water:	95 fee	t
		•								Minimum	Depth:	60 fee	t
										Maximum	Depth:	115 fee	t

Record Count: 7

PLSS Search:

Township: 19S Range: 29E

APPENDIX II BLM STIPULATION OF APPROVAL BLM GRID SECTION SITE MAP

David Adkins

From:

Kuhnert, Nathan [Nathan.Kuhnert@dvn.com]

Sent:

Friday, June 10, 2011 3:15 PM

To:

David Adkins

Subject:

Fw: Millman 33 Federal #1.

Attachments:

Millman SE Federal 1-BLM pit closure schematics-060711.pdf

Hi David,

Let's try to find some time early next week to talk.

Thanks,

Nathan

From: tgregsto@blm.gov [mailto:tgregsto@blm.gov]

Sent: Wednesday, June 08, 2011 02:32 PM

To: Kuhnert, Nathan

Subject: RE: Millman 33 Federal #1.

Mr. Kuhnert,

Attached you will find a pdf file with two schematics:

- 1. The first shows the sample points and the minimum depth at which chloride levels drop below 1,000ppm OR a depth of 4 feet and chloride levels remain elevated (whichever comes first).
- 2. Based on the above, a second schematic shows areas that need to be excavated to 0', 1', 2', or 4'. At 4', several of the areas remain too elevated in chlorides to close. In these areas, a dotted outline shows where a liner/clay cap installation should be placed.

As you can see from the submitted drawings, 3 areas do not need any further excavation to reach closure. 2 areas require only a 1 foot excavation. 3 areas require a 2 foot excavation. 6 areas require a 4 foot excavation and a liner installation.

The areas outlined on the schematics are "general". More surgical excavation on all the above areas can be conducted out in the field by running field titrations as the work progresses. Each area may be smaller or larger depending upon the field titrations and when those titrations indicate that areas of higher or lower chloride levels have been reached on a horizontal and vertical level. Sidewalls in the 4' foot excavation area should all be at 1,000ppm or less. Sidewalls in the 2' excavation area should be 1,000ppm or less. And so on.

The goal is to get all soils in the 0, 1, and 2 foot excavation areas down to closure levels or below and to extend the sidewalls of the 4 foot excavation area out until closure levels are reached in the side walls. At this point, the only area that should be 'hot' is the bottom of the 4 foot excavation. And that is what we want capped. It would probably be wise to extend the excavation at the 4 foot level out beyond the 4' foot "hot area" to be capped—in effect, you will want to make your cap slightly larger than the area to be capped so that the hottest areas are well covered by the cap. The BLM will need witnessed confirmation sampling of the sidewalls sent to a third party lab prior to closure of the excavation.

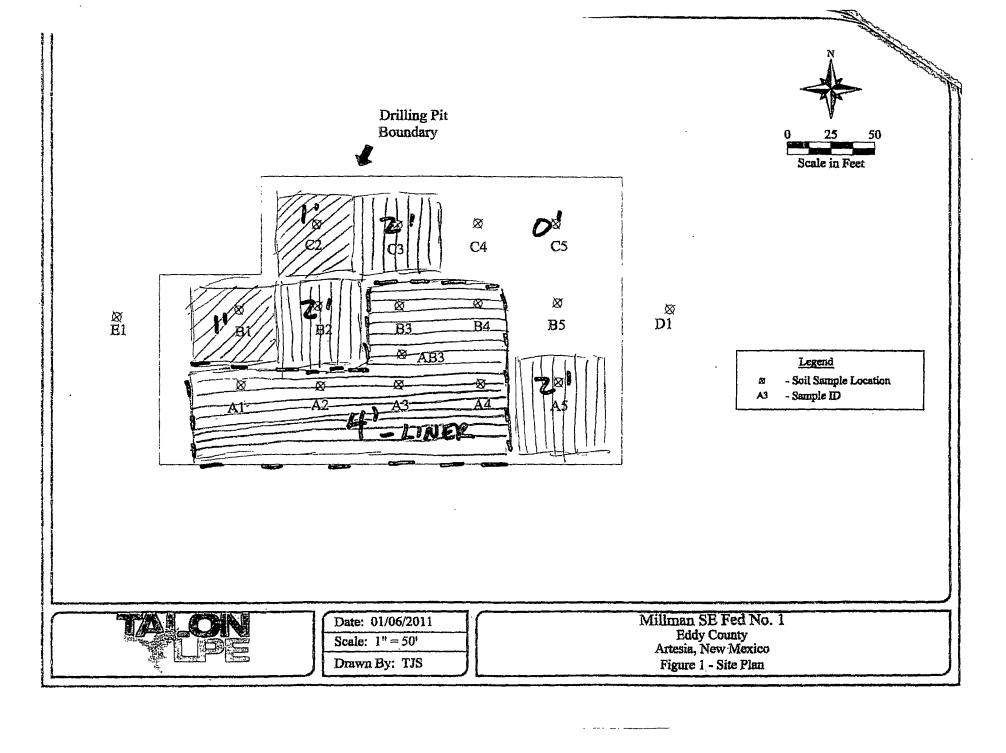
In this particular case, the liner should be slightly domed and the edges of the liner "keyed in". In other words, the edges of the liner installation should be trenched deeper than the surface of the cap so that the liner/clay cap is "tucked in" on all sides. The deeper you can make these side trenches, the better--because it prevents horizontal migration of moisture from flowing under the cap. The 'doming' of the cap enables moisture to migrate off the cap, rather than sitting and pooling atop it. In the event that a liner failure is developed (a crack or a root punction of the liner), the doming ensures that the majority of the function of the cap is still intact. (As opposed to creating a water tight "pool" or sump area with the liner installation in which any crack or puncture of the liner would then serve as a "drain" of the water pool/sump directly into the contaminated soils underneath...which we most definately do not want.)

Those are our thought processes so far on this site. If you have any questions, feel free to give me a call on my cell.

Terry Gregston
Environmental Protection Specialist
Bureau of Land Management
620 E. Greene St.
Carlsbad, NM 88220
Office (575) 234-5958
Cell (575) 361-2635
Fax (575) 234-5927

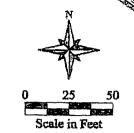
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81 11(€)(304)	82 2'€)(208	83 B3 H'(€)(1,100) ⊗ AB3	84 0'(c)(768) 4'-(1,260)	₩ B5 5'(e)(240)	D1 o′ (८)
A1	⊗ A2 4'(2,920)	A3 · ·	A4	A5	

Legend

Soil Sample Location

A3 - Sample ID



⊗ E1

0' (0)

Date: 01/06/2011

Scale: 1" = 50'

Drawn By: TJS

Millman SE Fed No. 1

Eddy County

Artesia, New Mexico

Figure 1 - Site Plan

APPENDIX III LABORATORY RESULTS



March 23, 2011

CAROLYN MOORES

BLM

620 E. Greene

Carlsbad, NM 88220

RE: DEVON-MILLMAN

Enclosed are the results of analyses for samples received by the laboratory on 03/17/11 13:20.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydorcarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (V2, V3)

Accreditation applies to public drinking water matrices.

Lope S. Moreno

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,

Hope Moreno

Inorganic Technical Director



BLM

CAROLYN MOORES 620 E. Greene Carlsbad NM, 88220 Fax To: None

Received:

03/17/2011

Sampling Date:

03/17/2011

Reported:

03/23/2011

Sampling Type:

Water

Project Name:

DEVON-MILLMAN

Sampling Condition:

** (See Notes)

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: SKYLIGHT CAVE 1 (H100514-01)

BTEX 8260B	mg/	'L	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.001	0.001	03/18/2011	ND	0.023	114	0.0200	0.308	
Toluene*	<0.001	0.001	03/18/2011	ND	0.020	99.0	0.0200	2.25	
Ethylbenzene*	<0.001	0.001	03/18/2011	ND	0.020	100	0.0200	1.25	
Total Xylenes*	<0.003	0.003	03/18/2011	NĐ	0.062	103	0.0600	1.79	
Surrogate: Dibromofluoromethane	114	% 80-120	1						
Surrogate: Toluene-d8	85.5	% 80-120							
Surrogate: 4-Bromofluorobenzene	rogate: 4-Bromofluorobenzene 94.5 % 80-120								
Chloride, SM4500CI-B	mg	/L	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	. Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	1550	4.00	03/18/2011	ND	104	104	100	0.00	
TDS 160.1	mg	/L	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
TDS	5570	5.00	03/22/2011	ND				4.60	
TPH 8015M	mg/	/L	Analyze	ed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10	<1.00	1.00	03/18/2011	ND 25.		100	25.0	1.87	
DRO >C10-C28	<1.00	1.00	03/18/2011	ND	26.7	107	25.0	0.221	
Surrogate: 1-Chlorooctane	97.3	% 70-130							
Surrogate; 1-Chlorooctadecane	101	% 70-130	•						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for nepligence and any other cause whatseverer 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 liable for incidental or consequential damages, michally, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims to bead upon any of the above stated reasons or otherwise. Results related not the service shall not be reproduced except in full with written approval of Cardinal Liaboratories.

Lope S. Moreno

Hope Moreno, Inorganic Technical Director



Notes and Definitions

S-LOW Low surrogate recovery confirmed as a matrix effect by a second analysis.

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

Cardinal Laboratories

*=Accredited Analyte

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Hope S. Moreno



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Gompany Name: (070) 080-2020 FAX (075) 580-20478					BILL TO								ANALYSIS REQUEST									
Project Manage	TALON!	1105					P.O.				T		***************************************						<u> </u>	T		
Address: 4	09 W.Tl	Nas	<u> </u>	.e	•	• ~`	Company:							1							j	
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Phone #: 575	.441. 4838	Fax #:	•		agains.	···· ~		ress:			1									-		
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March 23, 2011

CAROLYN MOORES

BLM

620 E. Greene

Carlsbad, NM 88220

RE: DEVON-MILLMAN

Enclosed are the results of analyses for samples received by the laboratory on 03/17/11 13:05.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydorcarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (V2, V3)

Accreditation applies to public drinking water matrices.

Lope S. Moreno

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,

Hope Moreno

Inorganic Technical Director



CAROLYN MOORES 620 E. Greene Carlsbad NM, 88220 Fax To:

Received:

BTEX 8260B

03/17/2011

Sampling Date:

03/17/2011

Reported:

03/23/2011

Sampling Type:

Water

Project Name:

DEVON-MILLMAN

Sampling Condition:

** (See Notes)

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: SKYLIGHT CAVE 2 (H100515-01)

BIEX 8260B	mg/	<u> </u>	Analyze	u by: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.001	0.001	03/18/2011	ND	0.023	114	0.0200	0.308	
Toluene*	<0.001	0.001	03/18/2011	ND	0.020	99.0	0.0200	2.25	
Ethylbenzene*	<0.001	0.001	03/18/2011	ND	0.020	100	0.0200	1.25	
Total Xylenes*	<0.003	0.003	03/18/2011	ND	0.062	103	0.0600	1.79	
Surrogate: Dibromofluoromethane	115	% 80-120							
Surrogate: Toluene-d8	85.9	% 80-120							
Surrogate: 4-Bromofluorobenzene	93.3	% 80-120							
Chloride, SM4500Cl-B	mg,	L	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	1600	4.00	03/18/2011	ND	104	104	100	0.00	
TDS 160.1	mg,	'L	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
TDS	5520	5.00	03/22/2011	ND				4.60	
TPH 8015M	mg,	L	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10	<1.00	1.00	03/18/2011	ND	25.0	100	25.0	1.87	
DRO >C10-C28	<1.00	1.00	03/18/2011	ND	26.7	107	25.0	0.221	,
Surrogate: 1-Chlorooctane	116	% 70-130							
Surrogate: 1-Chlorooctadecane	124	% 70-130							

Analyzed By: CMS

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE. Lability and Damages. Cardinal's lability and client's exclusive remedy for any claim assing, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other case whatsever shall be deemed walved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall be deemed by Cardinal within thirty (30) days after completion of the applicable service. In no event shall be deemed by Cardinal within thirty (30) days after completion of the applicable service. In no event shall be deemed by Cardinal within thirty (30) days after completion of the applicable service. In no event shall be deemed by Cardinal within thirty (30) days after completion of the applicable service. In no event shall be deemed by Cardinal within thirty (30) days after completion of the applicable service. 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.

Lope S. Moreno

Hope Moreno, Inorganic Technical Director



Notes and Definitions

S-LOW Low surrogate recovery confirmed as a matrix effect by a second analysis.

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for neglegence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be lable for incidental or consequential damages, including, without limitation, business miterruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliables or 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 citiewses. Results claim to be applicable service.

Abpe S. Moreno

Hope Moreno, Inorganic Technical Director



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

-		FAX (575) 393-247					عييد سندا وايسر يعادن														-
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August 22, 2011

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: MILLMAN 33 FEDERAL #1

Enclosed are the results of analyses for samples received by the laboratory on 08/19/11 12:44.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021 Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260 Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005 Total Petroleum Hydorcarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keens

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



TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210 (575) 745-8905 Fax To:

Received:

Chloride, SM4500CI-B

08/19/2011

Sampling Date:

08/18/2011

Reported:

08/22/2011

Sampling Type:

Soil

Project Name:

MILLMAN 33 FEDERAL #1

Sampling Condition:

** (See Notes)

Project Number:

700794.002.01

Project Location:

Sample Received By:

Jodi Henson

SEC.33-19S-29E

mg/kg

Sample ID: S - 1 A - 1 NORTHSIDE WALL (H101763-01)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/22/2011	ND	416	104	400	7.41	
Sample ID: S - 2 A - 1 EAS	TSIDE WALL	. (H101763-02)´						
Chloride, SM4500CI-B		mg/kg		Analyzed By: HM		<u> </u>			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/22/2011	ND	416	104	400	7.41	
			1						
Sample ID: S - 3 B - 1 NOR	RTHSIDE WA	LL (H101763-	03)						
Sample ID: S - 3 B - 1 NOR Chloride, SM4500Cl-B	RTHSIDE WA	•	•	d By: HM					
•		•	•	d By: HM Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride, SM4500CI-B	mg	/kg	Analyze	-	BS 416		True Value QC 400	RPD 7.41	Qualifier
Chloride, SM4500CI-B Analyte	Result	Reporting Limit	Analyzed 08/22/2011	Method Blank		% Recovery	•		Qualifier
Chloride, SM4500CI-B Analyte Chloride	Result 4960 TSIDE WALI	Reporting Limit	Analyzed Analyzed 08/22/2011	Method Blank		% Recovery	•		Qualifier
Chloride, SM4500CI-B Analyte Chloride Sample ID: S - 4 B - 1 EAS	Result 4960 TSIDE WALI	Reporting Limit 16.0 - (H101763-04	Analyzed Analyzed 08/22/2011	Method Blank ND		% Recovery	•		Qualifier Qualifier

Analyzed By: HM

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE Usbillty and Damages Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed 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 liable for incidental or consequential damages, including, without limitablion, business interruptions, loss of use, or loss of profits incurred by client, its subsidianes, affiliates or successors aning out of or related to the performance of the services hereunder by Cardinal, regardless of whether 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,

Celeg & Keine Celey D. Keene, Lab Director/Quality Manager



TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210 (575) 745-8905 Fax To:

Received:

08/19/2011

Reported:

08/22/2011

Sampling Date:

08/18/2011

Project Name:

MILLMAN 33 FEDERAL #1

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

700794.002.01

Sample Received By:

Project Number: Project Location:

SEC.33-19S-29E

Jodi Henson

Sample ID: S - 5 B - 1 SOUTHSIDE WALL (H101763-05)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM		=			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS ´	% Recovery	True Value QC	RPD	Qualifier
Chloride	14400	16.0	08/22/2011	ND	416	104	400	7.41	
Sample ID: S - 6 B - 1 BO	Sample ID: S - 6 B - 1 BOTTOM (H101763-06)								
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	08/22/2011	ND	416	104	400	7.41	
Sample ID: S ~ 7 B - 2 WE	STSIDE WAL	L (H101763-07	7) [~]						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	08/22/2011	ND	416	104	400	7.41	
Sample ID: S - 8 B - 2 EAS	STSIDE WALI	_ (H101763-08) <						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8100	16.0	08/22/2011	ND	416	104	400	7.41	
Sample ID: S - 9 B - 2 SC	OUTHSIDE W	ALL (H101763-	09) ′						
Chloride, SM4500Cl-B	mg			ed By: HM	_				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	08/22/2011	ND	448	112	400	0.00	
•									

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE Labelity and Damages Cardinal's labelity and client's exclusive remedy for any cliam arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause what pever 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 liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardiess of whether 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 Laboratones

Celeny & Keine

Celey D. Keene, Lab Director/Quality Manager



TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

08/19/2011

Sampling Date:

08/18/2011

Reported:

Sampling Type:

Soil

Project Name:

08/22/2011

Sampling Condition:

** (See Notes)

MILLMAN 33 FEDERAL #1 700794.002.01

Sample Received By:

Jodi Henson

Project Number: Project Location:

SEC.33-19S-29E

Sample ID: S - 10 B - 2 BOTTOM (H101763-10)

Chloride, SM4500CI-B	mg.	/kg	Analyzed By: HM		-				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/22/2011	ND	448	112	400	0.00	

Sample ID: S - 11 A - 2 NORTHSIDE WALL (H101763-11)

Chloride, SM4500CI-B	mg	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/22/2011	ND	448	112	400	0.00	

Sample ID: S - 12 A - 2 SOUTHSIDE WALL (H101763-12)

Chloride, SM4500Cl-B	mg	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	08/22/2011	ND	448	112	400	0.00	

Sample ID: S - 13 C - 2 BOTTOM (H101763-13)

Chloride, SM4500Cl-B	mg	kg Analyzed By: HM		d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1570	16.0	08/22/2011	ND	448	112	400	0.00	

Sample ID: S - 14 C - 2 EASTSIDE WALL (H101763-14) $^{\checkmark}$

Chloride, SM4500CI-B	mg	j/kg Analyze		1 By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
'Chloride	1070	16.0	08/22/2011	ND	448	112	400 [.]	0.00	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE Liability and Damages Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistspeer shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business Interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether 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.

Celey D. Keene Celey D. Keene, Lab Director/Quality Manager



TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210 (575) 745-8905 Fax To:

Received:

08/19/2011

Sampling Date:

08/18/2011

Reported:

08/22/2011

Sampling Type:

Project Name:

MILLMAN 33 FEDERAL #1

Sampling Condition:

** (See Notes)

Project Number:

700794.002.01

Sample Received By:

Jodi Henson

Project Location:

SEC.33-19S-29E

Sample ID: S - 15 C - 2 SOUTHSIDE WALL (H101763-15)

Chinaida	SM4500CI	_ D
Chioride,	31443000	-0

Analyzed By: HM

Analyte

Result Reporting Limit Analyzed

08/22/2011

Method Blank

ND

BS

BS

448

% Recovery

True Value QC

Qualifier

RPD

0.00

RPD

0.00

Chloride

3800

16.0 08/22/2011 ND

448

112

% Recovery

112

400

True Value QC

400

Qualifier

Sample ID: S - 16 C - 3 SOUTHSIDE WALL (H101763-16) ✓

16.0

Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank			

Chloride 2680

Sample ID: S - 17	C - 3	воттом	(H101763-17) 🗸	

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2011	ND	448	112	400	0.00		

Sample ID: S - 18 C - 3 NORTHSIDE WALL (H101763-18)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	08/22/2011	ND	448	112	400	0.00	

Sample ID: S - 19 A - 3 NORTHSIDE WALL (H101763-19)

Chloride, SM4500Cl-B	mg/kg Analyzed By: HM									
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10000	16.0	08/22/2011	ND	448	112	400	0.00		

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Keine Celey D. Keene, Lab Director/Quality Manager

Page 5 of 12



TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

08/19/2011

Sampling Date: Sampling Type: 08/18/2011

Reported: Project Name: 08/22/2011

Soil ** (See Notes)

MILLMAN 33 FEDERAL #1

Sampling Condition:

Project Number:

700794.002.01

Sample Received By:

Jodi Henson

Project Location:

SEC.33-19S-29E

Sample ID: S - 20 C - 4 SOUTHSIDE WALL (H101763-20)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM			·		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/22/2011	ND	448	112	400	0.00	
Sample ID: S - 21 C - 4	воттом (н10	1763-21) 🗸	٠						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/22/2011	ND	448	112	400	0.00	
Sample ID: S - 22 C - 4 Chloride, SM4500Cl-B		/ALL (H101763 /kg	•	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/22/2011	ND	448	112	400	0.00	
Sample ID: S - 23 A - 4	NORTHSIDE W	/ALL (H101763	(-23)						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2960	16.0	08/22/2011	ND	448	112	400	0.00	
Sample ID: S - 24 C - 5	SOUTHSIDE W	/ALL (H101763	-24) √						
Chloride, SM4500Cl-B		/kg		ed By: HM		`			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/22/2011	ND	448	112	400	3.64	
								-	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE. Lability and Damages Cardinal's liability and client's exclusive remedy for any claim ansing, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whitsbeever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be table for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidianes, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether 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 Laboratoness.

Celecy D. Keine

Celey D. Keene, Lab Director/Quality Manager



TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: Reported: 08/19/2011

08/22/2011

Project Name:

MILLMAN 33 FEDERAL #1

700794.002.01

Project Number: Project Location:

SEC.33-19S-29E

Sampling Date:

08/18/2011

Sampling Type:

Soil

Sampling Condition: Sample Received By: ** (See Notes)

Jodi Henson

Sample ID: S - 25 C - 5 BOTTOM (H101763-25)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/22/2011	ND	448	112	400	3.64	
Sample ID: S - 26 C - 5 WES	STSIDE WA	LL (H101763-	26) 🗸						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/22/2011	ND	448	112	400	3.64	
Sample ID: S - 27 A - 5 BOT	TOM (U10	1762-27)							
Chloride, SM4500Cl-B	=	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	08/22/2011	ND	448	112	400	3.64	
Sample ID: S - 28 A - 5 WES	STSYNE WA	UI (H101763-	28)						
Chloride, SM4500Cl-B		/kg	•	d By: HM		_			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/22/2011	ND	448	112	400	3.64	
Sample ID: S - 29 A - 5 NOF	RTHSIDE W	/ALL (H101763	k-29) /						
Chloride, SM4500Cl-B		/kg	•	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	08/22/2011	ND	448	112	400	3.64	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210 (575),745-8905 Fax To:

Received:

08/19/2011

Sampling Date:

08/18/2011

Reported:

08/22/2011

Sampling Type:

Project Name:

MILLMAN 33 FEDERAL #1

Sampling Condition:

** (See Notes)

Project Number:

700794.002.01

Sample Received By:

Jodi Henson

Project Location:

SEC.33-19S-29E

Sample ID: S - 30 A - 5 EASTSIDE WALL (H101763-30)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1390	16.0	08/22/2011	ND	448	112	400	3.64	

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Keine Celey D. Keene, Lab Director/Quality Manager



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 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

Cardinal Laboratories *=Accredited Analyte

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Celeg & Keene

Laboratories

CHAIR-OF-CUSTODY AND ANALYSIS REQUEST

	576) 393-2326 FAX	(970) 393-207	ummaran.			p		W.A. 70						A NEA I	Vel	2 123 127	QUE	er	,	- 3	*************
	Talon /LPE							74) -4:; Vo	=== ==================================	<u>-</u>	1	1	·	ANAL	- 4 213	5 KE		31			7
	Mike Stulllefie							T 1 1			1										
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ity:	Arteria	State: MM			<u> </u>		Měn:			ji											
hone #:	<u> ५७९-५५१,७२५५</u>						kcidness:			[]						}					
roject#:	700794.002.01	Project Owner	:De	von Enc	rzy Co	70. 3	Sign:			;		į				[
roject Mame:	Millman 33 Fede	eral Nol				<u> </u> 2	itsie.	Zip:		_	1										
rojeci Localion:						_	lione #:_	·		.										-	Í
ampler Mame:	mike Stully	rield			T		ទៃ!! រ៉ាំ:			_			!								
FOR LABUSE ONLY	Sample Li	D.	(G)RAB OR (C)OMP	# CONTAINERS GROUNDWATER	MATRI	JGE -	ACID/BASE BE BE BE BE BE BE BE BE BE BE BE BE BE		LING	Total Citalich	1				,						
1101163			(6)	SE CO	흥등		ACID/B/	DATE	TIME	10	! !	1][l
1 5	· 1 A-1 Northside	Wall	۲		V .			2/12/11	11:23 A	V											
25	· 2 A-1 Easteide	WAI'	د	1_1	1			2/18/11	11:244	1											
35	·3 B.1 Northside	Wall	5		J.		_		11:420		.i	<u> </u>									
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	7 BZ West-side		4		1,	<u> </u>			11:54 A	1	<u> </u>	ļ									
	8 BZ eartside v		۵	_	r!	·			12:034	V		i									<u> </u>
	9 BZ southfile w	Jn II	4		r	<u> </u>	-	-1	12:04A	-! /	ļ										
105	10 BZ 40 HUM		۲.		, V			11/31/8	12:05 A	/	<u> </u>	<u> </u>									-
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Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 11 of 12

(675) 393-2326 FAX (675) 353-2676 Company Mame: Talon / LPE	Francisco Salar Salar	(1) Sec. 150		ANA	LYSIS R	REQUE	ST	5-3
Project Manager: Mike Stuffefield	P.O. #:							
Address: 408 West Texas Auc.	Company: Talen/LPE	7						
Dity: Arteria State:NM Zip: 88210	Avin:							
Phone #: 575-441.7254 Fax #: 575-746-8965	Address:							
Project #: 700 794.002.01 Project Owner: Devon Encry Cop	. Gity:							
Project Mame: Millman 33 Federal Nal	State: Zip.				1	ļ		
Project Location: sec. 33-195-296	Phone v:							
Sampler Mame: Mike Stullehild	Fatt //:	_						
FOR LAB USE ONLY WATRIX	PRESERV. SAMPLING	- J						İ
(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER Soil		Total estación						
115-11 AZ Northeilt Vall a	r: 8/18/11 12:08					_		
12 5.12 AZ 500Th 5 da voli C r	1 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1					_		_
13 s. 13 ez bottom 4	1 3/18/11 15:176					_		
14 5.14 62 East 5160 Wall 6	× 8/18/11 12:221					_		
13 5:15 CZ SUNTLY ICH WALL G	8/18/11 12:246		-			-		
16 5.16 C.3 sorth side WALL G	8/13/11 11:23/	_,						
185.18 (3 NorTheids Mass 6 /	1/8/18/11 1:17 P	- 11-				-		
19 5-19 13 North Side Wall (/ 2/6/11 P:4/ P		—i—i					
D5-70 CU Southside WALL C. /	V Blish 12:571	7						
EASE NOTE Liabely and Damages Cardinal's labelly and clearly exclusive remedy for my claim ansing whether based in controllars. All claims including those for negligence and any other cause whatsoever shall be seemed warved unless made in writing a	of or tert shall be limited to the amount paid by the chert	for the the nonlicable	1					
Tribe Stubblyield Time Stubbl	i, loss of use, or loss of a ofits incritred by elect, his subsi	diaries, v.se .c <u>s.u</u> lt:	Li Yes □ N □ Yec □ N		Phone #- Pax #:			
etinguished By: Date:	CHECKED BY:		•			•		



7 Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476# 26

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 12 of 12

• •	Characteristic applica	
101 East Mariand, Hobbs, NM 88240 (576) 393-2326 FAX (575) 393-2476		3 - 5
Company Name: Talon / LPE	BILLTO	ANALYSIS REQUEST
Project Manager: mike Stufflefield	P.O. W:	
Address: 408 West Texas Ave.	Company: Talon/CPE	
City: Artegia State:NM Zip: 88210	Atin:	
Phone #: 575-441,7254 Fax #: 575-746-8965	Address:	
Project #: 706 794.002.01 Project Owner: Devon Encry Gry	City:	
Project Name: Millman 33 Federal No.1	State: Zip:	
Project Location: sec. 33-195-296	Phone #:	
Sampler Mame: Mike Scullhill	Fax #:	
FOR LABUSE ONLY MATRIX	PRESERV! SAMPLING	
G)RAB OR (C)OMP + CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	ACIDIBASE: ICE / COOL OTHER: ATTAC	6721 C4(07)2/6
21 5.21 C4 bottom G V ZZ 5.22 C4 porthish vall G	1 8/18/11 1:01P	
23 5.22 64 portheids vall a v	8/18/11 1:07 P.	
24 5. 24 C5 SOUTH 15 1	8/18/11 1:14P	
25 5.25 CS batton 6 "	V 8/18/11 1:17P	
26 5.26 CS Vestéide wat a	v :/18/11 1:24P	
27 5.27 AS DOTTON	8/18/1 1:45 P	
285-28 R.S Westside NAM C /	2/12/11 1:488	
29 5.79 AS Northside wall 5	V 8/18/11 1:540	V
9 5.30 A5 Eastside wall	v 8/18/11 2:48P	V
PLEASE NOTE Labday and Damages. Cratinals fability and rituris exclusive remety for any claim anising whether based in central analyses. All claims including those for negligence and any other cause whatsoever shall be deemed varived unless made in rutting or service. In no event shall Cardinal be liable of incidental or consequential damages, including without limitation, business interruptions,	nd received by Cardinal within 30 days after completion of th , loss of use, or loss of prefits incurred by client, its subskillar	the applicable
aminice or successors must not of crelated to the performance of services becoming the Coulomi, tennedess of whether such claim [Relinquished By:	is based upon any of the above stated resons or otherwise	
Relinquished By: Received By: Barp: Received By: Received By: First Faul Aut Received By: Relinquished By: Page:/19/11 Repeived By: 1	Fax Result REMARKS	
Delivered By: (Circle One) Times: 45 Sample Condition Sample Co		
Sampler - UPS - Bus - Other: Cool Infact	s (Initialla)	



August 31, 2011

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: MILLMAN 33 FEDERAL #1

Enclosed are the results of analyses for samples received by the laboratory on 08/25/11 13:00.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021 Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260 Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005 Total Petroleum Hydorcarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (V2, V3)

Accreditation applies to public drinking water matrices.

Celey & 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



TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

08/25/2011

Sampling Date:

08/18/2011

Reported:

08/31/2011

Sampling Type:

Soil

Project Name:

MILLMAN 33 FEDERAL #1

Sampling Condition:

** (See Notes)

Project Number:

700794.002.01

Sample Received By:

Jodi Henson

Project Location:

SEC.33-T19S-R29E

Sample ID: S-31 B-5 EASTSIDE WALL (H101803-01)

Chloride, SM4500CI-B	mg	/L	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/26/2011	ND	432	, 108	400	7.69	
Sample ID: S-32 B-5 WE	STSIDE WALL	. (H101803-02)						
Chloride, SM4500Cl-B	mg	/L	Analyze	d By: HM		7-1			
Analyte	Resulţ	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/26/2011	ND	432	108	400	7.69	
Sample ID: S-33 B-5 BO	TTOM (H1018	03-03)							
Chloride, SM4500CI-B	` mg	/L	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	08/26/2011	ND	432	108	400	7.69	

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



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 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

Cardinal Laboratories *=Accredited Analyte

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Celeg & Keine



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	Talon / LPE					·	usu.			////						ANAI	YSIS	RE	QUE	ST			
Project Manager:	miko Stubbles	Tield.					f	.O. #	ķ:														
Address:	408 West Tex	ac que.						omp	any:	Talon/L	PE]]								-	
City:	Actesia	State: MM	Zip:	80	210			ttn:]									-	1	- 1
Phone #:	575-441-7254						-	ddre	88:			1										ļ	
Project #:	700794.0020	? Project Owner:	De	200	Enci	ylor	<u> 2. C</u>	ity:			·	<u> </u>	 					l			ļ	l	ı
Project Name:	Millman 33	Federal No.	1					tate:		Zip:			}]								1	
Project Location:	Sec. 33-179	5-RZ9 F					F	hone	#:				ŀ								l	- 1	
Sampler Name:	miles 5 well	<u>u</u>					F	ax #:	;			تي [ł		i						- 1		
FOR LAB USE ONLY	U		$\overline{}$	T	M	ATRIX		PR	ESER	V. SAMPL	NG	. 3										- 1	
Lab I.D.	Sample I.		(G)RAB OR (C)OMF	# CONTAINERS GROUNDWATER	WASTEWATER	OIL	SLUDGE	ACID/BASE:	ICE / COOL	DATE	TIME	Total Chlorides											
[] [] [5.31 B-5 Alors	Heide vall	G,		\square	/			1	8/18/11	1:21 0	1											
2 5	7- 32 8-5 West	cido vale	4		Ι,	•		L	1	8/18/11	1:28 6	1											
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PLEASE NOTE: Lieblity and I	Damegos. Cardinal's liability and clie	ends explusive remedy for any	claim a	rising w	tiether bei	ed in our	tract or	ort, sha	t be limit	ed to the amount pa	d by the client for	the											
enalyses. All ciding including t egyles. In no event shell Card	those for negligance and any other o final be liable for incidental or consc out of or related to the performance	cuse whatecever shall be de quantal damoges, including v	emed w (theut li	nived ur mitation,	siona madi , buninces	in witin interupli	g and re one, loss	celved b of use,	y Cardin or lass o	i Within 30 days afti profits incurred by	r completion of the	ne applicat vies,	sie										

Relinguished By:	Date: , Received By:	Phone Result: ☐ Yes ☐ No Add'I Phone #:
, , , , , , , , , , , , , , , , , , , ,	8/24/2011	Fax Result:
	1/79:36 J-CB-T	* Sample ID changed as per Mike 18/3/11
Relinquished By: V	Det 2011 Received By:	7 % Sample 10 maryar 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	1:00 Mali Stenson	ch
Delivered By: (Circle One)	Sample Condition CHECKED BY:	
Sampler - UPS - Bus - Other:	Cool Intact (Initials) Yes Ves No	·

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



September 07, 2011

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: MILLMAN 33 FEDERAL #1

Enclosed are the results of analyses for samples received by the laboratory on 09/02/11 16:50.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021 Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260 Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005 Total Petroleum Hydorcarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (V2, V3)

Accreditation applies to public drinking water matrices.

Celeg & 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



TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

09/02/2011

Sampling Date:

08/31/2011

Reported:

09/07/2011

Sampling Type:

Soil

Project Name:

MILLMAN 33 FEDERAL #1

Sampling Condition:

Project Number:

700794.002.01

Sample Received By:

** (See Notes)

Project Location:

SEC.33-T19S-R29E

Jodi Henson

Sample ID: S-1 B1 EASTSIDE WALL (H101884-01)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/06/2011	ND	416	104	400	3.77	
Sample ID: S-2 B1 SOUT	HSIDE WALL (H101884-02)	/						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/06/2011	ND	416	104	400	3.77	
Sample ID: S-3 B1 NORT	HSIDE WALL ((H101884-03)	/						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/06/2011	ND	416	104	400	3.77	
Sample ID: S-4 B2 EAST:	SIDE WALL (H	101884-04)							
Chloride, SM4500CI-B	mg			d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	resuit	reporting Emile	,	riotilog blotti		70 110001017			-

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE. Liability and Damages Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by clent for analyses. 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 liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by clent, its subchadrates, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims to 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 Laberatories.

Celey D. Keene, Lab Director/Quality Manager

Celeg D. Keine



TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: Reported: 09/02/2011

09/07/2011

Project Name: Project Number: MILLMAN 33 FEDERAL #1

Project Location:

700794.002.01 SEC.33-T19S-R29E Sampling Date:

08/31/2011

Sampling Type:

Sampling Condition:

** (See Notes)

Sample Received By:

Jodi Henson

Sample ID: S-5 C2 BOTTOM (H101884-05)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CK		,			
Analyte	Result	Result Reporting Limit		Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/06/2011	ND	416	104	400	3.77	
Sample ID: S-6 C2 EAST	•	-							
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208 16.0 09/06/2011 ND				416	104	400	3.77	
Sample ID: S-7 C2 SOUT	HSIDE WALL	(H101884-07)	1						
Chloride, SM4500Cl-B	mg			d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	loride 112 1		09/06/2011	ND	416	104	400	3.77	
Sample ID: S-8 C3 SOUT	THSIDE WALL	(H101884-08)	/						
Chloride, SM4500Cl-B	mg			d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0 16.0 09/06/2011 ND		ND	416	104	400	3.77		
Sample ID: S-9 A5 EAST	CTDE WALL (L	1101004 00\	,						
Chloride, SM4500Cl-B		1101884-0 [,] 9)		ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/06/2011	ND	416	104	400	3.77	

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Celeg & Keene

Celey D. Keene, Lab Director/Quality Manager



TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

Chloride

09/02/2011

Sampling Date:

09/01/2011

Reported:

09/07/2011

Sampling Type:

416

104

Soil

400

. 3.77

Project Name:

Sampling Condition:

** (See Notes)

Project Number:

MILLMAN 33 FEDERAL #1

700794.002.01

656

16.0

Sample Received By:

Jodi Henson

Project Location:

SEC.33-T19S-R29E

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1250	16.0	09/06/2011	ND	416	104	400	3.77	
Sample ID: S-11 A4 NO	RTHSIDE WAL	L (H101884-11	.) ✓						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

ND

09/06/2011

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Celecy D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 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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Celeg & Keine



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

	(5/5) 393-2326 FA	X (575) 393-2470	·																				- 4	
Company Name: Talos/LPE						122	ŹŹ	Ł	BILL TO ANALYSIS REQUEST															
Project Manage	r: Mike Stubblef.	ield				/	F	.O. #	<i>t:</i>															
Address:						C	Company: TALO /CPE					1									1			
City:	_					- 1	ttn:			/						1						j		
Phone #:	525-441-2254	Fax #: 575 ·	146-	890	5		Δ	Address:								ļ						ľ		
Project #:	200294,007.0					161	2. C	ity:																
Project Name: Mill Man 33 Fortend No 1						State: Zip:					İ								ĺ					
Project Location: SCC. 33-T395- R 25E					P	Phone #:					İ									1				
Sampler Name:						F	ax#	:													\ \ \	ł		
FOR LAB USE ONLY			П		M	ATRIX	(PR	ESER	V.	SAM	PLI	NG	چ								İ	l	
Lab I.D. <u>HIDISU</u> J	Sample l	.D.	(G)RAB OR (C)OMP	# CONTAINERS GROUNDWATER	WASTEWATER	יסור טור	SLUDGE	ACID/BASE.	ICE / COOL	OTHER	DATI	E	TIME	Total Chlorides										
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	S-4 B2 east sin		4	_				-			,	- 1	9:491	1		T				-	[[
	5.5 C2 hollom		4					1					5:54A	~]	. —					 		
6	5-6 CZ eastsid	r wall	5		١ ١	/			~				9:5917	1								 		
	5.7 C2 southsid		۵		V		╡.	L.	<u>.</u>	_8	131/	116	10:12 A	ν		<u> </u>						 		
	5.8 C3 Southsin		4.	_ _	/			<u>L</u> .	_/_	8	<u> 11 </u> 2	210	10:031	v			L	.l				 		
	5-9 A 5 eastside		۲.	_ -		4	L- -	- -	4	. 3.			9:23 A	<u>v</u>		<u> </u>						 		
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analyses All claims includin	ig those for negligence and any other ordinal be liable for incidental or cons	cause whotooever shall be do	emed v	vaived ur	less made	n wata	g and re	erved b	y Cardin	al withi	n 30 days	after	completion of th	e applicat	ile									
	on out of or related to the performance		rdmat, re		s of wheth									e	□ Ye	с П	No	10000	Phone :	,,.		 		
		9/2/01		51400	\Rightarrow								Fax Resul	t:	□ Ye		No	Add'I				 		
mile Stu		Time: 47 Am	~	<u></u>	ملاسم							١	REMARKS	i:										1
Relinquished By	•	Pate: 2/11 Time: 50	Rec	eivoc Q	IBy:	·	De	M	10	<i>y</i> (
Delivered By:	(Circle One)		U	T	Sampl					CKET nifial	BY:													
Sampler - UPS	- Bus - Other:)	3	348	2	□ Ye	es 🕡	Yes			15%														
† Cardinal	cannot accept verbal	changes. Please	fax v	vritte	n chai	nges	to 50	5-39	3-247	6,7	1											 		Doc
								•	-4-1-	1	وسير												ட	Pag



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

7-7

Page 7 of 7

Company Name: Taken LPE	BILL TO	ANALYSIS REQUEST
Project Manager: mike Stubble Freld	P.O. #:	
Address: 40% W. Tekac A.c.	Company: Talon / CDE	
City: Arteria State: NM Zip: 88210	Attn:	
Phone #: 575 - 441 - 225 4 Fax #: 575 - 246 - 8765	Address:	
Project #: 200794.007 o Project Owner: Down Energy Gop	City:	
Project Name. Millman 33 Fee. No 1	State: Zip:	
Project Location: Sec. 33-T195- ft 27 E	Phone #:	
Project Location: SCC 33-TI9S- P27E Sampler Name: mJo STAGEM	Fax #:	
FOR LAB USE ONLY, MATRIX	PRESERV. SAMPLING	
Tap I.D. Sample I.D. Sample I.D. Sample I.D. Sample I.D. MASTEWATER SOIL OIL OIL ISLINGE	ACID/BASE. ACID/BASE. ICE / COOL OTHER To / C / C / C / C / C / C / C / C / C /	
-11 S. 11 A4 North side wall a	V 9/1/811 4!/4P V	
I	·	
	-	
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Relinquished By: Daté: 5/2/2/1 Received By:		Add'l Phone #: Add'l Fax #:
mice swellfield Timp 45 on	REMARKS:	
Relinquished By: Date: Received By:		
Timez - Timez	11/1/2016	
Delivered By: (Circle One) Sample Condr		
Sampler - UPS - Bus - Other: 31 5 Cool Intact	(lýlitals)	
† Cardinal cannot accept verbal changes. Please fax written changes to	505 ₇ 393-2476	Pa