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.

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1												
1 AB1434440417 Release Notification and Corrective Action												
fAB1434439475				OPERATOR X Initial Report Final Report Contact Jennifer Knowlton			Final Report					
Name of Company Agave Energy Company Address 105 South 4 th Street Artesia, NM						No. 575-748-						
							e Gas Right					••••
·				N/in and /								
Surface Ow	ner - Priva	ite		Mineral (Jwner				API No) <u>.</u>		
_					ATIO	V OF RE	LEASE_					
Unit Letter	Section	Township	Range	Feet from the	North/	South Line	Feet from the	East/\	West Line	County		
	5	198	25E							EDDY		}
<u></u>		T a4		<u> </u>	<u> </u>	Your	. 104 40062	.1		I	·	<u> </u>
		Lat	itude_ <u>32</u>	.08309	_	_ rongitua	e_104.49963_					
				NAT	TURE	OF REL						
		ed Water and	Sour Gas				Release N/A			Recovered 1		
Source of Re	iease of P	VC gas line				7/30/14 0	Iour of Occur re r 917	ice	7/30/14	Hour of Dis	covery	'
Was Immedi	ate Notice (If YES, To	Whom?					
		X	Yes [No Not Re	quired	Mike Brate	cher					
By Whom?							Iour 7/30/14 1					
Was a Water	course Read		Yes X	No		If YES, Volume Impacting the Watercourse.						
10 . 11						NM OIL CONSERVATION						
If a waterco	urse was im	pacted, Descr	ibe runy.	•		ARTESIA DISTRICT						
	AUG 2 2 2014											
ACC DE LUIT												
Describe Cause of Problem and Remedial Action Taken.* RECEIVED												
During routine pipe maintenance, the pipe blew produced water, sour gas and oil out of the valve box.												
					· · · · · · · · · · · · · · · · · · ·							
		and Cleanup			ı taken							
At this time, due to other restrictions, no cleanup action has been taken.												
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and												
regulations a	Il operators	are required t	o report a	nd/or file certain:	release n	otifications a	nd perform corn	ective ac	tions for re	leases which	n may e	ndaneer
public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health												
or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other												
federal, state, or local laws and/or regulations.												
Co. The Viscos of				OIL CONSERVATION DIVISION								
Signature: Christian												
Printed Name: Jennifer KNowlton Approved by Environmental Specialist:												
THING ITEMS. JOHNSON TELLOWING												
Title: Envi	ronmental N	Ma nager		· · · · · · · · · · · · · · · · · · ·		Approval Da	te: [2][0]	14	Expiration	Date: N	1	
E-meil Add-	E-mail Address: jknowlton@yatespetroleum.com Conditions of Approval:											
15-mail Addit	wa. JAHUWI	wind areste	a OTOLINE CO.	/IU		Remediati	lon per O.C.	D. Rule	es & Gui	Attache	d 🗌	
Date: 8/5/2				e: 575 748-4471		SUBMIT F	EMEDIATIO	N PRO	POSAL	NO		
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14514	3446	トクタクス					1 '	,			4	LDI - LD.

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Incident ID	
District RP	
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Was this a major release as defined by	If YES, for what reason(s) does the respon	nsible party consider this a major release?
19.15.29.7(A) NMAC?		
☐ Yes ☑ No		
ICVEC ' 1'	d'	2 W/I 111 4 (1 1 1 4)2
If YES, was immediate no	otice given to the OCD? By whom? To wr	om? When and by what means (phone, email, etc)?
	Initial Ro	esponse
The responsible p	party must undertake the following actions immediatel	y unless they could create a safety hazard that would result in injury
✓ The source of the rele	ease has been stopped.	
	s been secured to protect human health and	the environment.
✓ Released materials ha	we been contained via the use of berms or contained via the use of	likes, absorbent pads, or other containment devices.
☑ All free liquids and re	ecoverable materials have been removed an	d managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain	why:
has begun, please attach a	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred clease attach all information needed for closure evaluation.
		best of my knowledge and understand that pursuant to OCD rules and
public health or the environn	nent. The acceptance of a C-141 report by the C	fications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have
		at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name: Michael	Gant	Title: Environmental Coordinator
Signature: MGant		
email: MGant@lucid-e	energy.com	Telephone: 3143307876
OCD Only		
Received by:		Date:

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Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)			
Did this release impact groundwater or surface water?	☐ Yes ☑ No			
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☑ No			
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☑ No			
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☑ No			
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No			
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☑ No			
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☑ No			
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☑ No			
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☑ No			
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☑ No			
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☑ No			
Did the release impact areas not on an exploration, development, production, or storage site?	☑ Yes ☐ No			
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.				
Characterization Report Checklist: Each of the following items must be included in the report.				
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wel Field data	ls.			
☐ Data table of soil contaminant concentration data				
Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release				
Boring or excavation logs				
✓ Photographs including date and GIS information				
☐ Topographic/Aerial maps ☐ Laboratory data including chain of custody				

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.				
Printed Name: Michael Gant	Title: Environmental Coordinator			
Signature: MGant	Date: 3/10/2021			
Signature: MGant@lucid-energy.com	Telephone: 3143307876			
OCD Only				
Received by:	Date:			

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Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.						
 ✓ Detailed description of proposed remediation technique ✓ Scaled sitemap with GPS coordinates showing delineation points ✓ Estimated volume of material to be remediated ✓ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC ✓ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required) 						
Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation. Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.						
Extents of contamination must be fully delineated.						
Contamination does not cause an imminent risk to human health	, the environment, or groundwater.					
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.						
Printed Name: Michael Gant	Title: Environmental Coordinator					
Signature:	Date: 3/10/2021					
email: MGant@lucid-energy.com	Telephone: 3143307876					
OCD Only						
Received by:	Date:					
Approved	Approval Denied Deferral Approved					
Signature:	Date:					

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Incident ID	nAB1434440417
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Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

✓ A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODG	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	ntions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in
Printed Name: Michael Gant	Title: Environmental Coordinator
Signature: MGant	Date: 3/10/2021
Signature:	Telephone: 3143307876
OCD Only	
Received by:	Date:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by: Bradford Billings	Date:09/07/2021
Printed Name: Bradford Billings	Title: Envi. Spec.A

FINAL REPORT SUMMARIZING CLOSURE FOR INCIDENT 2RP-2651-0

AGAVE ENERGY COMPANY
VALVE BOX # 11
SECTION 5, T19S R25E, NM
EDDY COUNTY, NM



Prepared by: Souder, Miller & Associates 201 S. Halagueno Carlsbad, NM 88221 575-689-7040 Prepared for: Agave Energy Company 105 South Fourth Street Artesia, NM 88221



Ref # 5123302 BG4

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1.0 EXECUTIVE SUMMARY

Souder, Miller & Associates (SMA) has completed the remediation of the release of natural gas and associated pipeline liquid at the Valve Box #11 that occurred on July 30, 2014. The release occurred during a pipeline maintenance operation resulting in an unexpected loss of pressure. An unknown volume of sour natural gas and associated pipeline liquids was released. The release was reported July 30, 2014 via telephone to NMOCD District 2. The site is located in Section 5, Township 19 South, Range 25 East, Eddy County, New Mexico. Figure 1 illustrates the location of the release. This report outlines the remedial activities performed by Souder Miller & Associates on behalf of Agave Energy Company. This report also provides the third party analytical data that shows the remedial activities were successful. The analytical results for soils remaining at the location are well below all Recommended Remediation Action Levels (RRALs) for the site specific characteristics at the Valve Box #11.

This project was conducted under the regulatory jurisdiction of the NMOCD 19.15.1.19 NMAC, Subsection B, Paragraphs 1 and 2. The NMOCD hydrocarbon soil remediation levels were determined through the ranking criteria on a site-by-site basis, as outlined in the NMOCD Guidelines for Remediation of Spills, Leaks, and Releases, dated August 13, 1993. The ranking criteria are based on three site characteristics: depth to groundwater, water wellhead protection, and distance to surface water. Refer to NMOCD Workplan in Appendix A.

After completion of remediation activities, final grading was performed to mitigate erosion. Closure of the spill should be requested. The final data and closure request are included in this report and the NMOCD Form C-141 Release Notification and Corrective Action Final Report are enclosed herewith.

SMA recommends:

- **1. File for Closure** This closure report and a signed C-141 Final should be provided to NMOCD for approval.
- **2.** Revegetation of the location To comply NMOCD closure requirements, SMA recommends revegetation of the location by reseeding. Refer to Figure 5.

2.0 BACKGROUND

On July 30, 2014, a release of natural gas and associated pipeline liquid occurred at the Valve Box #11 during a pipeline maintenance operation. An unknown quantity of sour gas and pipeline liquids was released, resulting in adverse impacts to the location.

At the request of Agave Energy Company, SMA and its subcontractors mobilized to the site August 27, 2014, to conduct the work proposed in the approved NMOCD Workplan (Appendix A), completing the various tasks during the weeks September 9 and September 15, 2014.

3.0 PRELIMINARY STEPS

Previous to the start of work, notification was given to the land owner, Mr. Howell, and a One-Call (New Mexico 811) made prior to start of this project. On August 27, 2014, after a daily tailgate safety meeting and Job Safety Analysis (JSA), work began. Safety documentation is provided in Appendix B. SMA field personnel conducted the following requested sampling in addition to the standard

sampling needed for site assessment. All of the additional samples were taken in duplicate, placed in 8 oz sample jars, and custody sealed on site. All samples were collected and sealed under the supervision of Rick Foley Investigations, LLC. The requested sample locations provided by Agave Energy Company are listed below.

- Two samples of the black contaminated soil taken directly from the area where the two pipe ends are exposed (where the ruptured pipe was separated).
- Samples from the material at the base of the cylindrical sheet metal enclosures on the site.
- Samples of the ground/material away from the spill area for a basis of comparison.

Date	Time	Sample ID	Description	Storage Laboratory				
8/27/14	10:00	#3	material at the base of the cylindrical sheet	Hall Environmental				
			metal enclosures	Analysis Laboratory				
8/27/14	11:30	#4	ground/material away from the spill for a	Hall Environmental				
			basis of comparison	Analysis Laboratory				
9/19/14	13:17	#1	(South) soil taken directly from the area	Hall Environmental				
			where the two pipe ends are exposed	Analysis Laboratory				
9/19/14	12:45	#2	(North) soil taken directly from the area	Hall Environmental				
			where the two pipe ends are exposed	Analysis Laboratory				
9/19/14	15:00	#0	(Center) soil taken directly from the area	Hall Environmental				
			where the two pipe ends are exposed	Analysis Laboratory				

Each sample container was labeled, placed on ice in an insulated cooler, and chilled to a temperature of approximately 40°F (4°C). The cooler was sealed for shipment to the laboratory. Proper chain-of-custody documentation did accompany the samples to the laboratory. Refer to Appendix D.

4.0 PIPELINE MAINTENANCE ACTIVITIES

Because of safety concerns, Agave Energy Company (AEC) required SMA and its third party contractors to begin the remedial excavation only after several area pipeline projects were completed. The isolation and installation of above ground valve settings at the Nicholas, Johnson, Rushing, Matlock, Warren and Polo batteries were necessary to ensure the control of pipelines within the valve box. See Figure #2. The projects were intended to improve the overall efficiency and safety across the Dagger Draw gathering system. The majority of field activities performed by SMA and its contractors from September 2 to September 12, 2014 were pipeline maintenance projects to ensure that the AEC requirements for safe entry into Valve Box 11 were met. Refer to Appendix C. On Friday, September 14, 2014, an onsite inspection and review was conducted by the AEC Operations Manager and the Environmental Coordinator to confirm that all safe entry requirements were met and to approve the initiation of the remedial excavation.

During this time period, SMA and its third party contractors also assisted in the excavation and installation of the above ground valve stations for the produced water gathering system owned and operated by Yates Petroleum Corporation. Under the supervision of the Dagger Draw Area Foreman Mike Farmer, SMA and its contractors isolated (shut-in), depressurized (blew down) and locked out/tagged out the YPC water mains in the Valve Box # 11 area. These actions were to ensure the safety of all in the area because the two sister systems were installed simultaneously and share a common trench. The six inch YPC water main was rerouted out of Valve Box #11 and an above ground valve station installed to enable safe operation on the YPC water system during the pipeline maintenance and remedial excavation at Valve Box #11. SMA also provided invoicing support and approval for this YPC-only phase of the project. All produced water related costs were

billed directly to YPC and approved by the Area Foreman per the pre-established agreement between the two companies.

Along with the projects to secure the below ground assets, several days were needed for SMA to secure the above grade location at Valve Box #11. A perimeter fence was established around the location to prevent entry by the public or Howell Ranch livestock. All above ground debris from the release had to be removed and reviewed by AEC personnel for the incident investigation. The 210 bbl fiberglass tank used for fluid recovery during pipeline maintenance operations had to be removed and disposed of.

5.0 REMEDIATION & SAMPLING ACTIVITIES

On the afternoon of September 15, 2014, all notifications and safety concerns had been met and approval from AEC obtained. SMA began implementation of the NMOCD approved remedial action. (Appendix A). The primary objectives of this work were the mitigation of the affected soils at the site followed by written acceptance from the NMOCD for closure of the spill event on behalf of SMA's client, Agave Energy Company.

The initial site assessment activities performed by SMA effectively established the site classification and the Recommended Remediation Action Levels in accordance with NMOCD regulatory guidance documents. With completion of the initial pipeline maintenance project that preceded the release, the primary areas of affected soils were excavated with the spoil placed in a lined berm at the neighboring YPC Johnson BE Battery. Samples were taken from the spoil stockpile and it was determined that the all of the affected soils met the RRALs for closure. Because of the close proximity to a lease access road and multiple pipeline Rights Of Way (ROWs), all excavation activities were guided through field screening of the excavation using a Photoionization Detector (PID) and Volhards Method Chloride Ion Concentration by Titration.

Field screening of the soil stockpile on September 30 2014 indicated that the RRALs had been reached. The NMOCD District 2 Artesia office was notified in person of the confirmation sampling activities conducted on October 2, 2014. Composite soil samples were taken of the soil stockpile and remedial excavation for laboratory confirmation of achievement of the RRALs. The composite sample locations were based on the geometry of the spill pile. Seven grab samples were taken from in and around the newly installed above ground valve stations at the location. See Figure 4 for sample locations. Each sample container was labeled, placed on ice in an insulated cooler, and chilled to a temperature of approximately 40°F (4°C). The cooler was sealed for transfer to the laboratory. The soil samples were delivered by Keynote courier to Hall Environmental Analysis Laboratory, in Albuquerque, New Mexico for TPH (GRO/ DRO) analysis by EPA Method 8015 (modified), Chloride Ion Concentration EPA Method 300.1 and BTEX analyses by EPA Method\8021B. Proper chain-of-custody documentation accompanied the samples to the laboratory.

With all analytical results below NMOCD RRALs, NMOCD was notified of site closure, pending revegetation and the submittal of a C-141 Final. The stockpile and containment berm were dismantled and top soil was brought in with the area rancher's approval to restore grading and mitigate erosion.

6.0 REVEGETATION PLAN

Revegetation activities should be conducted on the entire area of disturbance to minimize soil erosion, inhibit noxious and undesirable invasive weed growth, and allow for the establishment of indigenous plants and wildlife as well as special status plant habitat components.

Vegetative and structural soil stabilization practices will be required on the working surfaces and in the spill remediation areas shown in Figure 5 to prevent wind and water erosion. All disturbed surfaces, included in Figure 5, will need to be seeded with a BLM approved seed mix.

Livestock in the area may need to be removed or denied access to the area for a short period of time to meet the revegetation objectives. SMA recommends that all reseeding attempts be made during the monsoon season starting in June and ending in August. An estimate of the reseeding cost at the location is presented in Figure 6. Also attached in Appendix F is the BLM recommended seed mix for the area.

7.0 CONCLUSIONS

The majority of the work and consultation provided by SMA in this incident was related to the supporting systems around Valve Box #11. The valve station at Valve Box #11 has been completely re-designed by others with the safety of the environment and the operator in mind. The location has been successfully remediated and all filings with the NMOC have been performed. With the establishment of new vegetation on the location, the release should be closed with respect to NMOCD requirements.

8.0 RECOMMENDATIONS

SMA recommends the following future activities regarding the AEC Valve Box #11 site:

- File for closure This closure report and a signed C-141 Final should be provided to NMOCD for approval.
- 2. **Revegetation of the location** To comply with NMOCD closure requirements, SMA recommends revegetation of the location by reseeding according to the Revegetation Plan attached in Appendix F.

Figure 1 Site Vicinity Map

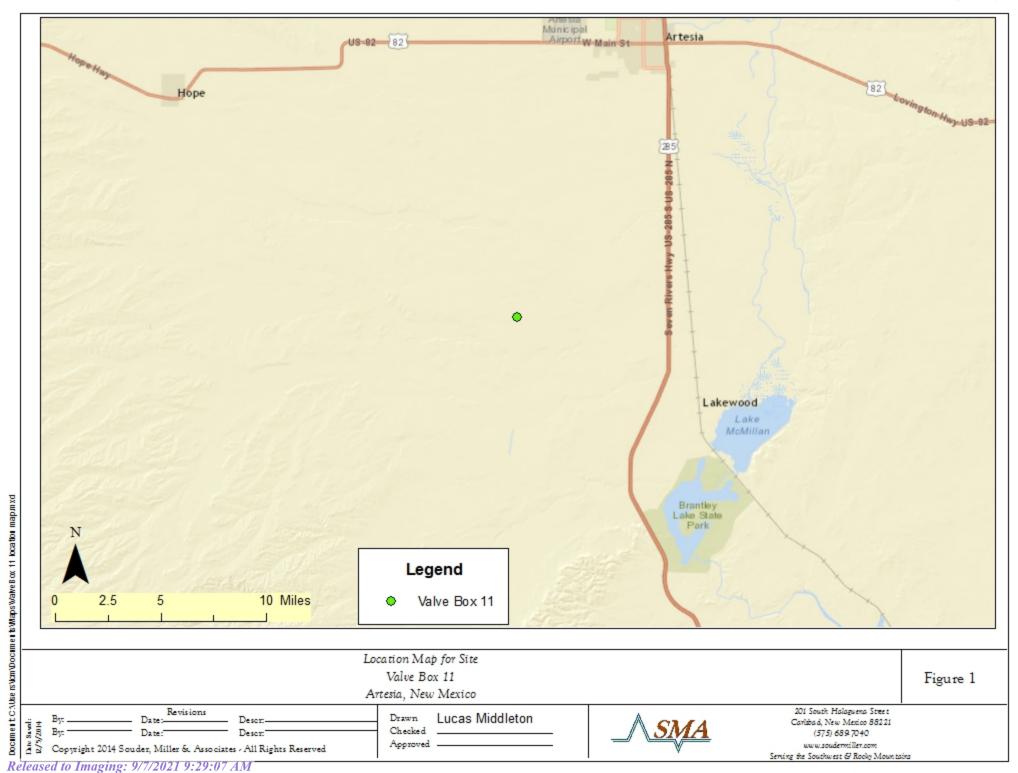


Figure 2 Valve Box #11 Layout 9/18/14

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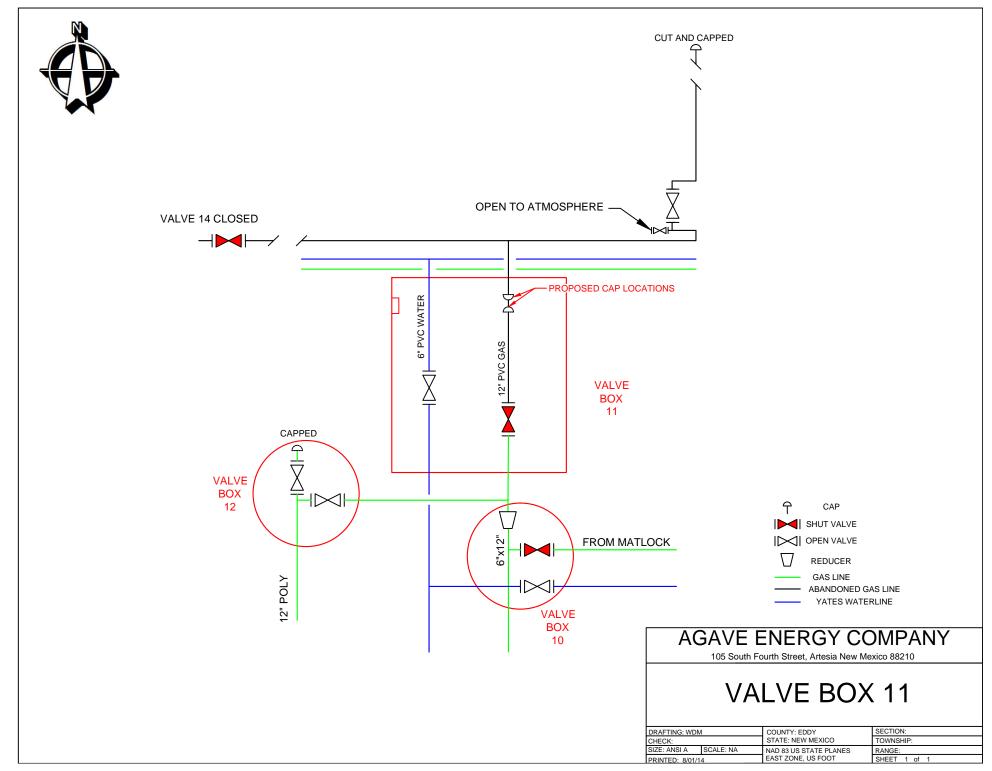


Figure 4 Closure Sampling Map

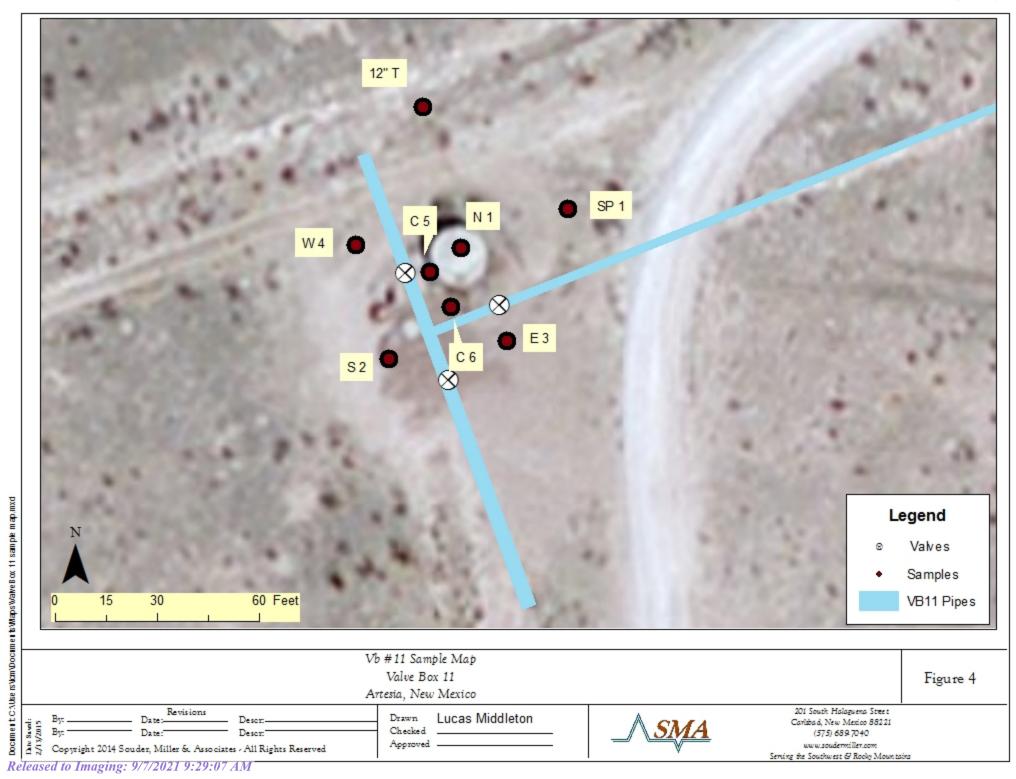


Figure 5 Recommended Revegetation

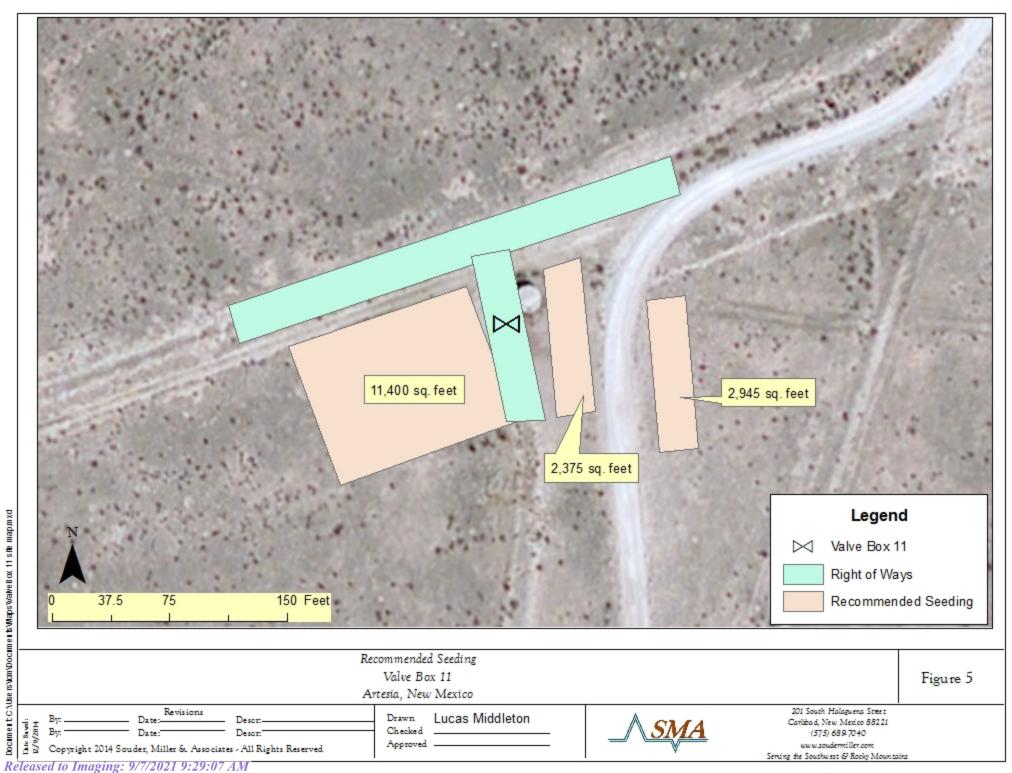


Figure 6 Revegetation Estimate

ESTIMATED COST PROPOSAL

Souder, Miller & Associates Professional Services and Expenses Task/Hours/Fee Breakdown

Project Description: Agave Energy Company Proposal Project Description
Project Number:
Owner:
Contact: Agave Energy Company Jennifer K 12/4/2014 Date of Submittal: Tax Rate on Services: 0.07125

Job Description	Principal	Senior Design Manager	Senior Eng./Sur. Mgr. II	Senior Eng./Sur. Mgr. I	Project Eng./Sci. Mgr II	Project Eng./Sci. Mgr I	Staff EIT/Sci. II	Staff EIT/Sci.	Sr. Eng. Des/Surv. Tech V	Sr. Eng. Des/Surv. Tech IV	Eng/CAD Surv/Field Tech III	Eng/CAD Surv/Field Tech II	Eng/CAD Surv/Field Tech I	Construc. Observer	Construc. Observer	Construc. Observer	Project Asst.	Admin I	Mileage	Expenses	In House Lump Sum	Total	Sub Contracts
Professional Services Price List	180	160	145	132	120	100	90	80	110	95	80	70	60	90	75	55	65	45	0.56	1	1		
Unit	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Mi	Actual	L.S.	\$	\$
Task																							
Project Administration	2																2					\$548.00	
Client Programming and File Review					1																	\$120.00	
Project Management and Coordination					1																	\$120.00	
Subtotal Hours:	2	0	0		2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	\$788.00	
Subtotal Cost:	\$360.00	\$0.00	\$0.00	\$0.00	\$240.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$130.00	\$0.00	\$0.00	\$0.00	\$0.00	\$788.00	
Current Status project scoping						1		1														\$180.00	
Field visit						1		5														\$500.00	230
Seeding/ Sample						1		5														\$500.00	1700
																						\$0.00	
																						\$0.00	
																						\$0.00	
																						#VALUE!	
																						#VALUE!	
																						#VALUE!	
																						\$0.00	
																						\$0.00	
In-House Quality Control				2																		\$264.00	
Subtotal Hours:	0	0	0	2	0	2	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	#VALUE!	
Subtotal Cost:	\$0.00	\$0.00	\$0.00	\$264.00	\$0.00	\$200.00	\$0.00	\$800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,264.00	
Total Hours	2	0	0	2	2	2	0	10	0	0	0	0	0	0	0	0	2	0	0	0	0		
Total Estimated Cost	\$360.00	\$0.00	\$0.00	\$264.00	\$240.00	\$200.00	\$0.00	\$800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$130.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,982.00	
NMGRT of 7.125%																	New Mexico Gross Receipts Tax 0.07125				\$283.72		
Total estimated cost with tax																	Estir	mated Project	Total			\$4,265.72	

Appendix A
NMOCD Workplan

Mr. Mike Bratcher New Mexico Oil Conservation Division 811 S. First St Artesia, NM 88210

RE:

Valve Box #11 Soil Remediation and Closure Workplan Agave Energy COmpany

Section 5, T19S, R25E Eddy County, NM

Dear Mr. Bratcher:

Agave Energy Company is pleased to submit for your review a copy of the Valve Box #11 Soil Remediation and Closure Workplan located in Eddy County, New Mexico (Section 5 Township 19 South, Range 25 East).

Upon your approval, Agave Energy Company will move forward with the following remediation and closure activities. Attached is a hard copy of the workplan .

If you have any questions please call 575-748-4555 or send via post to Agave Energy Company 105 South Fourth Street Artesia, NM 88210

Sincerely

Agave Energy Company.

Jennifer Knowlton P.E.

ARTESIA DISTRICT

AUG 2 2 2014

RECEIVED



VALVE BOX # 11 SOIL REMEDIATION AND CLOSURE WORKPLAN

AGAVE ENERGY COMPANY
Valve Box #11 North Dagger Draw
SECTION 5, T19S, R25E
EDDY COUNTY, NEW MEXICO

Prepared For:

Jennifer Knowlton PE Agave Energy Company

Prepared By: Souder Miller & Associates

201 S. Halagueno Carlsbad, NM 88221

Office: (575) 689-7040

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 CONFIRMATION SAMPLING PLAN
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INTRODUCTION

At the request of Agave Energy Company, Souder, Miller & Associates (SMA) has prepared this Workplan to describe the planned approach for remediation of a natural gas and associated pipeline liquid release at the Valve Box #11 on July 30, 2014. The release occurred during a pipeline maintenance operation resulting in an unexpected loss of pressure. An unknown volume of sour natural gas and associated pipeline liquids was released. The release was reported July 30, 2014 via telephone to NMOCD District 2. The site is located in Section 5, Township 19 South, Range 25 East, Eddy County, New Mexico. Figure 1 illustrates the location of the release.

Further, this document addresses the regulatory framework for previous and proposed activities at the site, and provides a soil remediation and closure Workplan designed to achieve site closure. Site details, proposed sampling locations and the proposed remedial excavation area are presented in Figure 2. Appendices include the New Mexico Oil Conservation Division (NMOCD) Form C-141 (initial), the manifest for the transport and disposal of RCRA exempt liquids from the initial response to the NMOCD approved facility, Mitchell SWD 30-015-22242, and documentation from the New Mexico Office of the State Engineer (NMOSE) regarding the depth to water at the site.

REGULATORY FRAMEWORK AND SITE CLASSIFICATION

This project is conducted under the regulatory jurisdiction of the NMOCD 19.15.1.19 NMAC, Subsection B, Paragraphs 1 and 2. The NMOCD hydrocarbon soil remediation levels are determined through the ranking criteria on a site-by-site basis, as outlined in the NMOCD Guidelines for Remediation of Spills, Leaks, and Releases, dated August 13, 1993. The ranking criteria are based on three site characteristics: depth to groundwater, water wellhead protection, and distance to surface water.

No water wells are located within 1,000 feet of the valve station. The estimated depth to groundwater is greater than 100 feet below ground surface based on information from the NMOSE. No surface water bodies are located within 1,000 feet of the pipeline ROW. The table below applies the ranking criteria, used by the NMOCD, to site specific characteristics at the Valve Box #11 site.

Criteria: Site Characteristics Ranking Score

Depth to Ground Water >100 feet = 0

Wellhead Protection Area >1000 feet = 0

Distance to Surface Water >1,000 feet = 0

Total Ranking Score = (

Based on evaluation of the site characteristics and the "Guidelines for Remediation of Spills, Leaks, and Releases", the site has a ranking score of 0. Accordingly, the ranking score establishes the Recommended Remediation Action Levels (RRALs) as: 10 milligrams per kilogram (mg/Kg) Benzene; 50 mg/Kg Benzene, Toluene, Ethyl-benzene, and total Xylenes (BTEX); and 5000 mg/Kg Total Petroleum Hydrocarbons (TPH) for remediation at the Valve Box #11 spill site.

SOIL REMEDIATION WORKPLAN

The initial site assessment activities performed by SMA effectively established the site classification and the Recommended Remediation Action Levels in accordance with NMOCD regulatory guidance documents. To complete the initial pipeline maintenance project that preceded the release, the primary area of affected soils will be excavated with the spoil placed in a lined berm at the site after all notifications and safety concerns have been met. Samples will be taken from the spoil stockpile to determine if the affected soils meet the RRALs for closure or need to be hauled to an NMOCD permitted facility. Because of the close proximity to a lease access road and multiple pipeline Rights Of Way (ROWs), all excavation activities will be guided through field screening of the excavation using a Photoionization Detector (PID) and Volhards Method Chloride Ion Concentration by Titration.

The primary objectives of this Workplan are the mitigation of the affected soils at the site followed by written acceptance from the NMOCD regarding the implemented soil remediation Workplan activities. Upon completion of these work plan activities, SMA will request closure of the spill event on behalf of its client, Agave Energy Company.

Any additional affected soils excavated will be added to the soils in the lined berm adjacent to the excavation required for maintenance access. Heavy equipment will be utilized to excavate and turn the affected soils stockpiled in the lined berm. The stockpile will be turned periodically, and water and *Micro-Blaze® Emergency Liquid Spill Control* added at the recommended 3-6% rate to encourage Biodegradation and Volatilization of the hydrocarbons in the affected soils. To monitor the progress of the bioremediation and volatilization in the pile, soil samples will periodically be collected from the stockpile on a schedule based on the judgment of SMA Field personnel. The samples will be field screened utilizing a PID calibrated to a 100-ppm isobutylene standard. Each soil sample will be placed in a resealable plastic bag leaving a headspace for volatile organic compounds (VOCs) to collect. After sufficient time has passed to allow for volatilization, the headspace in each bagged sample will be measured using the PID. The results will be evaluated to determine whether the stockpile is ready for closure sampling or requires additional turning and treatment.

CONFIRMATION SAMPLING PLAN

Upon completion of the excavation as indicated by field screening, composite soil samples will be taken from the excavation walls and bottom. The sample containers will be properly labeled with source locations in the excavation documented and custody seals affixed to the containers. Sample containers will be placed on ice in an insulated cooler, and chilled to a temperature of approximately 40°F (4°C). The cooler will be sealed for shipment to the laboratory. The soil samples will be delivered to Hall Environmental Analysis Laboratory (HEAL), in Albuquerque, New Mexico for TPH (GRO/ DRO) analysis by EPA Method 8015 (modified), Chloride Ion Concentration EPA Method 300.1 and BTEX analyses by EPA Method\8021B. Proper chain-of-custody documentation will accompany the samples to the laboratory.

Once field screening of the soil stockpile indicates that the RRALs have been reached, the NMOCD District 2 Artesia office will be notified at least 48 hours in advance of planned confirmation sampling activities. Composite soil samples will be taken of the soil stockpile for laboratory confirmation of achievement of the RRALs. The composite sample locations will be based on the geometry of the turned spill pile. Sample containers will be properly labeled, custody seals affixed, placed on ice in an insulated cooler, and chilled to a temperature of approximately 40°F (4°C). The cooler will be sealed and delivered under chain of custody protocols to HEAL for TPH (GRO/ DRO) analysis by EPA Method 8015 (modified), Chloride Ion Concentration by EPA Method 300.1 and for BTEX analyses by EPA Method\8021B.

Engineering • Environmental • Surveying

www.soudermiller.com

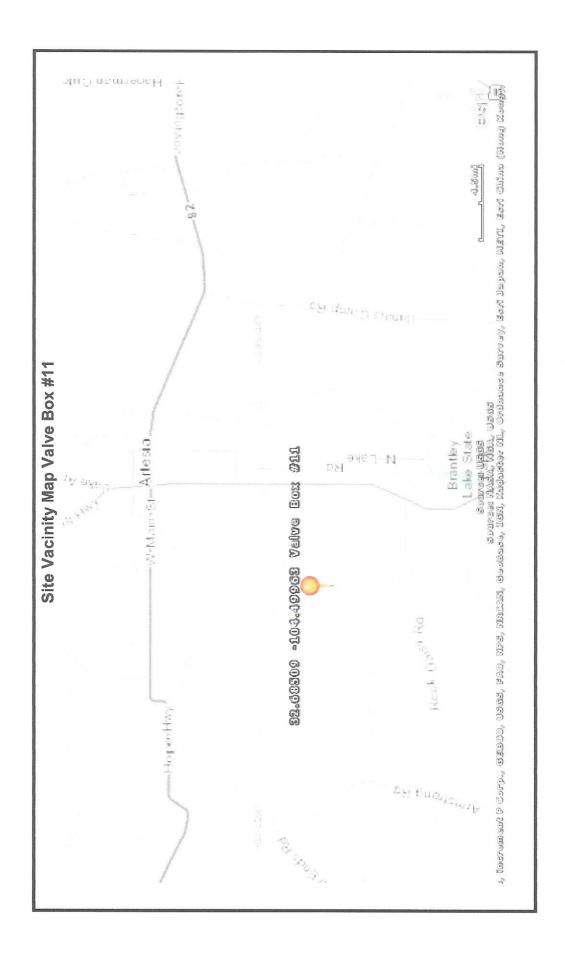
SITE CLOSURE

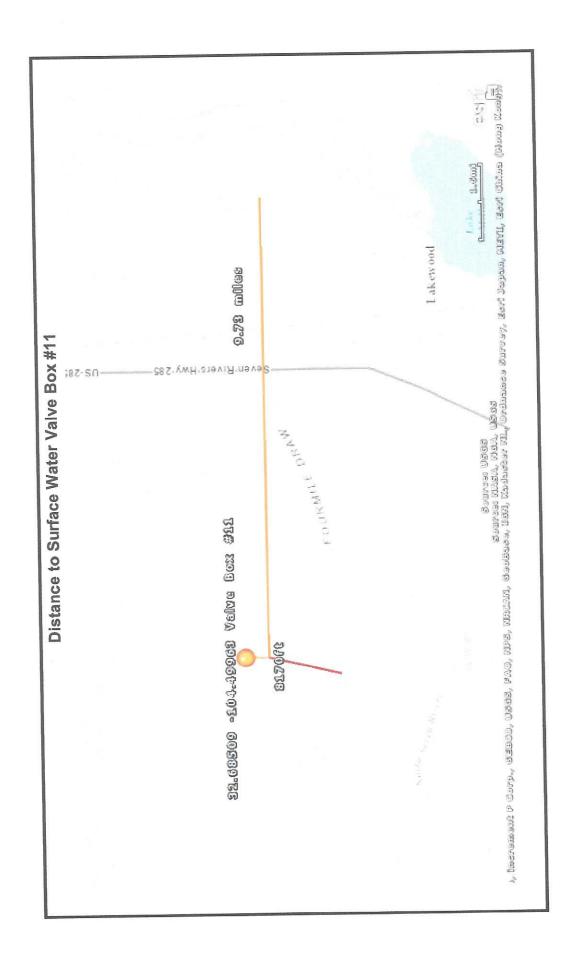
After laboratory confirmation that the site-specific NMOCD cleanup levels of 10 mg/Kg Benzene, 50 mg/Kg total BTEX and 5000 mg/Kg TPH have been reached, the berm will be dismantled, liner removed, and the stockpile spread. Final grading will be performed to mitigate erosion and closure of the spill will be requested. The final data and closure request will be submitted to the NMOCD as a Form C-141 Release Notification and Corrective Action Final Report.

FIGURES

FIGURE 1: SITE VICINITY MAP

FIGURE 2: DISTANCE TO SURFACE WATER





APPENDICES

APPENDIX A: INITIAL FORM C141 RELEASE NOTIFICATION AND CORRECTIVE ACTION

APPENDIX B: WASTE MANIFEST RUN TICKET

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

APPENDIX D: MSDS FOR Micro-Blaze® Emergency Liquid Spill Control

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Ri 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.

			Rele	ease Notifi	cation	and Co	orrective A	ction						
						OPERA	TOR		X Initia	al Report		Final Repor		
		Agave Energ					nnifer Knowlto							
		4th Street Art	esia, NM			Telephone No. 575-748-4471								
Facility Na	me Valve	e Box #11				Facility Typ	e Gas Right C	Of Way						
Surface Ov	mer - Priva	ite		Mineral (Owner				API No).				
				LOC	ATIO	OF RE	LEASE							
Unit Letter	Section 5	Township 19S	Range 25E	Feet from the	North	North/South Line Feet from the East/West Line County EDDY								
		Lat	itude_ <u>32</u>	AND THE PROPERTY OF THE PROPER			e_104.49963							
			***	NAT	TURE	OF RELI								
		ed Water and	Sour Gas				Release N/A			Recovered 1				
Source of Re			0			7/30/14 09		ie	7/30/14 (Hour of Dis 0917	covery	3		
Was Immedi	ate Notice (Yes 🗌	No Not Re	quired	If YES, To Mike Brate								
By Whom?							lour 7/30/14 11:							
Was a Water	course Read	remotes and	Yes X	No		If YES, Vo	lume Impacting t	he Water	rcourse.		2011911			
If a Waterco	ırse was Im	pacted, Descri	ibe Fully.			NM OIL CONSERVATION								
	1.0								ARTES	IA DISTRIC	T			
									AUG	2 2 2014	4			
Describe Car	se of Proble	em and Reme	dial Action	n Taken.*					DE	CEIVED				
During routing	ne pipe mair	itenance, the	pipe blew	produced water,	sour gas	and oil out of	the valve box.	8	KE	CEIVED				
									1					
		and Cleanup A				***************************************								
At this time,	due to othe	r restrictions,	no cleanu	p action has been	taken.									
T h h t	C. 11 - 1 11 - 1	. C			1			• .						
regulations a	ly that the l	ntormation gr are required to	ven above renort an	is true and comp d/or file certain r	release no	tifications ar	knowledge and used perform correct	nderstand tive actic	d that purs	suant to NM	OCD n	iles and		
public health	or the envir	onment. The	acceptanc	e of a C-141 repo	ort by the	NMOCD ma	arked as "Final Re	eport" do	es not reli	eve the ope	rator of	liability		
should their	perations h	ave failed to a	dequately	investigate and r	emediate	contamination	on that pose a thre	eat to gro	ound water	r, surface wa	iter, hu	man health		
or the environ	nment. In a	ddition, NMO	CD accep	tance of a C-141	report de	es not relieve	e the operator of r	responsib	oility for co	ompliance v	vith any	other		
iederal, state,	or local lav	vs and/or rega	lations.				OH CONS	3DDV	ATTOXI	DIMIGIC	13.7			
Signature: Sennyu Knowl from							OIL CONSERVATION DIVISION							
Printed Name	Jennifer	KNowlton			1	Approved by Environmental Specialist:								
Title: Envir	onmental M	lanager				Approval Date	e:	E	xpiration	Date:				
E-mail Addre	ss: jknowlt	on@yatespetr	oleum.cor	n		Conditions of	Approval:			Attached				
Date: 8/5/2	014		Phone	: 575 748-4471						, macrou	لسا			
		ts If Necessa			I									



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

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

closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD

Sub-

QQQ Code basin County 64 16 4 Sec Tws Rng

Depth Depth Water Well Water Column

305 feet

POD Number RA 05331

1 1 4 05 19S 25E

546308 3616955*

Minimum Depth: 305 feet

Average Depth to Water:

Maximum Depth: 305 feet

Record Count: 1

PLSS Search:

Section(s): 5

Township: 19S

Range: 25E

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

U.S. Department of Labor

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements. Occupational Safety and Health Administration (Non-Mandatory Form)
Form Approved

must be consulted for specific requirement	nts.	Form Approved OMB No. 1218-0072									
IDENTITY) Micro-Blaze ® Emerg	gency Liquid	Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.									
Section I											
Manufacturer's name Verde Environmen	ntal, Inc.	Emergency Telephone Number 800 / 626-6598									
Address 9223 Eastex Freev	vay	Telephone Number for Information 713 / 691-6468									
Houston, Texas	77093-7001	Date Prepared 01 / 01 / 13									
		Signature of Preparer William L. Scogin, President									
Section II—Hazardous Ingredients/Identity	Information										
Hazardous Components (Specific Chemical Identity,	CAS Numb	Other Limits er: OSHA PEL ACGIH TLV Recommended % (option	al)								
**** NO H	AZARDOUS COM	PONENTS OR INGREDIENTS ****									
		dients are organic and completely biodegradable.									
1 el 0011A -23 01 10 13 1	0.1200 7th ingre	aronio aro organio ana compietely are angles assets	-								
			merchanism (etc.)								
	and the second s										
C	to not listed are sith	or proprietany or non-hazardous	-								
Componen	its not listed are eitr	er proprietary, or non-hazardous.									
	MARKET THE STATE OF THE STATE O										
Casties III Dhysical/Chemical Cherosteric	rtiac										
Section III—Physical/Chemical Characteris Boiling Point	100°C	Specific Gravity (H ₂ 0 = 1) 1.0									
Vapor Pressure (mm Hg)		Melting Point N / A									
	Equiv. water										
Vapor Density (AIR = 1)	Equiv. water	Evaporation Rate (Butyl Acetate = 1) N / A									
Solubility in Water 99%											
Appearance and Odor Cream to tan, opaqu	ie liquid, perfumed										
Section IV—Fire and Explosion Hazard Da	ta										
Flash Point (Method Used)		Flammable Limits LEL UEL									
N / A	A	Non-flammable									
Extinguishing Media Non-flammable											
Special Fire Fighting Procedures None											
None											
Unusual Fire and Explosion Hazards None - N	ION-FLAMMABLE										
		OSHA 174 Sept. 1985									

Section V—	Reactivity Data							
Stability		Unstable		2000	Conditions	to Avoid	90	
		Stable XXXX						
Incompatibility	(Materials to Avoid)	Strong acids or alkali co	ompound	s mav i	nactivate l	piological o	cultures.	***************************************
Hazardous De	composition or Byprodu			,				· · · · · · · · · · · · · · · · · · ·
Hazardous		May Occur			Conditions	s to Avoid		
Polymerization	E s	Will Not Occur			<u> </u>			Name of the State
			XXX	(Χ				
Section VI-	-Health Hazard Data	3	'		•			
Route(s) of En	try	Inhalation?		Skin?			Ingestion?	
Health Hazard	s (Acute and Chronic)	May cause diarrhea if i	ngested i	in large	amounts.	***************************************	NON-TOXIC	
Organisms	used are non-path	nogenic. These organis	ms are s	usceptil	ole to com	monly use	ed antibiotics.	
					MANAGEMENT OF THE PARTY OF THE			
Carcinogenicity	N/A	NTP? N/A		IARC Mo	onographs?	N/A	OSHA Regulated?	N/A
(E) (E)	nptoms of Exposure	Skin: slight redness o	n hands	and fore	earms if in	dividual h	as a history of derma	al allergic
reaction.								
Medical Condi	tiono							
		Dermal allergic reacti	on on sl	kin if su	sceptible	person l	has continual expo	sure.
	d First Aid Procedures	Ingestion: Drink wat			_			
physician	or poison contro		.01 01 1111		ato: ma			
		afe Handling and Use				Name of the last o		
Steps to Be Ta	aken in Case Material Is	Released or Spilled May	mop up	spills;	may flush	n down sa	anitary drain into w	vaste water
- Cathon	11103.							
Waste Disposa	al Method Disposa	al of this product or its	s residue	must	be done	in accord	lance with all local	. state and
federal requ		ar or time product or m						
Precautions to	Be Taken in Handling	and Storing Avoid	eye conta	act.				
Other Precauti	i o mainta	in shelf life, avoid tem					20° F for long peri	ods of time.
Microbes	are viable up to	180° F. KEEP FROM	M PROLO	NGED	FREEZIN	G.		
Promote and the second second second second	-Control Measures							
	rotection (Specify Type)	Avoid breathing mists;	; mask ac	dvised if		in enclose	ed, unventilated space	ces.
Ventilation	Local Exhaust				Special			
	Mechanical (General)				Other No	ormal roo	m ventilation.	
Protective Glo	ves Use if prolo	nged exposure or de	rmal	Eye Pro	tection Av	oid splas	hing in eyes; may	irritate.
	to surfactants.					•		
Other Protectiv	ve Clothing or Equipme	nt None required, rub	ber or la	atex red	commend	ded.		
Work/Hygienic	Practices Minimiz	e exposure in accord	ance wit	h good	hygiene	practices	S.	

We believe the statements, technical information and recommendations herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use.

Valve Box #11 Closure Report Agave Energy Company Sec 5 T19S R25E, Eddy County, New Mexico December 5, 2014 Revised February 13, 2015

Appendix B Job Site JSA Meeting Forms

Offices in Artesia * Hobbs * Odessa Phone 575-746-1096 or 432-552-7625 or 877-879-8899 5124 Page 39 of 104

Fax 432-363-0198 email info@americansafety.net

WORKORDER = M Name Address City State Phone Fax AFE / ORDER NUMBER COMPANY MAN LEASE NAME/LOCATION Valve Site 11 Hustin **RIG NAME & NUMBER** COMPLETION PRODUCTION DRILLING Circle One END DATE: 9/18/14 START DATE: X DAILY RATE \$ TRAILER : # OF DAYS X DAILY RATE \$ COMPLIANCE PKG: # OF DAYS ADDITIONAL SAFETY EQUIPMENT: (DETAIL BELOW) Quad gas 047 SUPERVISION: # OF DAYS/HOURS __ X DAILY RATE \$ MILEAGE: # OF TRIPS -RATE/MILE TRAINING: H2S RIG UP / DOWN 2150.00, Tube piller 2 days 275/day to 10 days x 150/day = 1500,00, 4 bothes COST EACH TOTAL \$ QUANTITY SERVICE & REPAIRS COST EA TOTAL \$ QUANTITY RENTALS RIG MONITOR CALIBRATION 30 MIN RESCUE UNIT PERSONAL MONITOR CALIB **5 MIN ESCAPE PACK** LABOR AIR LINE WORK UNIT AIR HOSE FIRE EXTINGUISHER SERVICE (*Note FE Size) **HYDROTEST** CASCADE SYSTEM ANNUAL INSPECTION MONITOR, CHANNELS MONTHLY INSPECTION PERSONAL MONITOR REFILL CONDITION SIGN BREATHING EQUIPMENT WINDSOCKS **CLEAN & INSPECT BRIEFING AREAS** REFILLS ☐ 45 CF ☐ 7 CF **FANS** REFILLS 300 CF GENERATOR REPAIRS QUAD GAS MONITOR OFFICE USE ONLY Approver Office Loc Artesia Odessa County for Sales Tax Other 26.592.50 TOTAL FROM TICKET CUSTOMER REPRESENTATIVE (SIGNATURE) **FUEL SURCHARGE** SALES TAX CUSTOMER REPRESENTATIVE (PRINT) **GRAND TOTAL**

575.748.4555

575.513.0538

575.703.6154



Artesia

AMERICAN SAFETY SERVICES INC 422 N Main Street Artesia, New Mexico 88210

Rescue Plan/Contingency Plan	
Location: Agave Energy sites associated with valve site 11	Date:
Thursday 9/15/14 - Friday 9/26/14	

GPS Coordinates: Latitude/Longitude (32.68509,-104.49963)

Agave Energy Company Emergency Phone Number

Cheryl and Allen Howell (Rancher of the work area)

TONY TOVAR (RIG SAFETY SUPERVISOR)

Job: Finalize the investigation and removal of evidence. Remove contaminated materials from the work area. Resume capping of the gas line. Once complete the work area will be back filled with clean dirt/caliche and the job will be complete.

<u>Directions to Location:</u> From Artesia General Hospital head west on W Memorial Drive .1 miles then turn south on 10 St. drive .5 miles then turn left on US- 82/ W Main St. and continue heading east and then right onto 1st street (HWY 285) go approximately 10 miles and turn right onto Kincaid Ranch road and go 2.9 miles and then turn left at the Y, stay left until the first cattle guard at 1.1 miles continue 1.2 miles to the second cattle guard continue straight 1.3 miles to Y and turn left to a locked gate at cattle guard. Combination is 6061. From cattle guard go 25' and turn right go 1 mile and turn left and follow road .3 miles to location.

THE FOLLOWING NUMBERS FOR EMERGENCIES ONLY

ARTESIA EMERGENCY RELIEF		575.746.9475
ARTESIA POLICE DEPARTMENT	911 OR	575.746.5000
NM STATE POLICE		575.887.3128
FIRE AND AMBULANCE		575.748.0260
ARTESIA GENERAL HOSPITAL		575.748.3333
POISON CONTROL		800.222.1222
AMERICAN SAFETY SERVICES EME	RGENCY NUM	BERS
COLY HOKETT (MANAGER)		575.746.7350
DUSTIN HIGGINS (SAFETY MANAGER)		575.513.5033
KEVIN HOKETT (PRESIDENT)		432.208.4372
Tell Montoya (on site Safety Technician)		575.749.0009
AGAVE PERSONNE	L	
Ruben Molina (Agave Safety Engineer)		575.513.9448
Austin Weyant (Contractor in charge of job from Souder N	∕Iiller)	575.689.7040
Jason Fuentes (Agave Pipeline Supervisor)		575.365.8939
Robert Moorhead (Agave Mechanic Supervisor)		575.365.4840

<u>Hazards of Location</u>: Possibility of Radiation, Benzene, H2S, LEL and other hazardous gases. Other possible hazards entanglement, slips, trips and falls, burns, eye hazards, cuts and abrasions, heavy machinery operation in close proximity to personnel, and lifting hazards as well as a possibility of trapped pressure in tubing. There will be multiple contractors and personnel working in conjunction on location as well as vehicles and heavy equipment moving in and out.

PPE for Job: PPE required at ALL times (hard hat, safety glasses, personal monitor, steel toe boots, FRC's). An Air/Rescue trailer will be on site contents include rescue packs, fire extinguishers, first aid kit, harnesses and lifelines. Air Trailer can be released once all cuts to lines are completed as all h2s hazards have been eliminated. If an air trailer is needed, work can be stopped until one can be provided. Personal Monitors will be worn at all times. There will be 2 safety fans on location to provide additional air flow in exposure area. A cool down trailer will be on location for anyone needing it. American Safety will also provide a mobile H2S detection system consisting of a monitor box, 4 sensors, and an audio visual alarm unit. Site equipment subject to change as Ruben Molina, Austin Weyant, and ASSI Representative see fit.

dangers posed to life and	nealth. Fill out and go over hazard	ork area for hazardous gases as well as other dis in the safety meeting and go over JSA. Work site a contractor, and an agave energy representative.
Accident Plan: I,emergency call if life threato be and have required co	ASSI Employee Name tening situation occurs. Will veri ertifications specific to job specifi	, will assess injuries and make fy that everyone has been fit tested that is required cations and duties.



PO BOX 12874 8715 ANDREWS HWY ODESSA TX 79768-2874 PHONE (432) 552-7625 Tax ID # 85-0476604

Bill To

Ship To

ACCOUNTS PAYABLE SOUDER MILLER & ASSOCIATES 201 S HALAGUENO ST Carlsbad NM 88220 **United States**

INVOICE

Date Invoice # 9/18/2014 99195819

Terms **Due Date Customer Rep** Division Lease/Well Name Start Date End Date PO#

Net 30 10/18/2014 AUSTIN WEYANT **PRODUCTION** VALVE SITE 11 8/27/2014 9/18/2014

Memo Sales Rep Technician Location

HIGGINS, DUSTIN E MONTOYA, JUSTIN T

ART

Item	Qty	Description	Inventory D Rate	Amount	Tai
H2S TRLR	10	H2S SAFETY TRAILER RENTAL	200.00	2,000.00	Yes
CPL PKG	12	SAFETY COMPLIANCE PACKAGE	65.00	780.00	Yes
SUPR	190.5	SUPERVISION	75.00		
QD GAS	21	QUAD GAS MONITOR RENTAL	75.00		1
MIL	800	MILEAGE	2.25	1,800.00	Ye
MTR CAL	3	MONITOR CALIBRATION	50.00	150.00	Ye
GEN	12	GENERATOR RENTAL	150.00	1,800.00	Y
COOL	10	COOL DOWN TRAILER RENTAL	150.00	1,500.00	Y
BTL	4	REFILL 300 CU FT BREATHING AIR BOTTLES	25.00	100.00	Y
APK	4	AIR PACK RENTAL	25.00	100.00	Y
FAN	1	H2S DISPERSION FANS	150.00	150.00	Υ
TRSH	8	TRASH TRAILER RENTAL	50.00	400.00	Y
TOILET	8	PORTABLE TOILET RENTAL	25.00	200.00	Y
SPLY	1	BOOTS & HARD HATS	150.00	150.00	١
RENTALS	2	TUBE PULLER	75.00	150.00	1
SPLY	5	GAS DETECTION TUBES	10.00	50.00	,
SPLY	1	CLAMPS & LUMBER	200.00	200.00	,
SPLY	1	SIGNS FOR JOBSITE	600.00	600.00	,
RIG UP/DN	1	EQUIPMENT DELIVERY & SETUP FEE	600.00	600.00	,
	H2S TRLR CPL PKG SUPR QD GAS MIL MTR CAL GEN COOL BTL A PK FAN TRSH TOILET SPLY RENTALS SPLY SPLY	H2S TRLR 10 CPL PKG 12 SUPR 190.5 QD GAS 21 MIL 8000 MTR CAL 3 GEN 12 COOL 10 BTL 4 A PK 4 FAN 1 TRSH 8 TOILET 8 SPLY 1 RENTALS 2 SPLY 5 SPLY 1 SPLY 1	H2S TRLR	HZS TRLR 10 HZS SAFETY TRAILER RENTAL 200.00 CPL PKG 12 SAFETY COMPLIANCE PACKAGE 65.00 SUPR 190.5 SUPERVISION 75.00 QD GAS 21 QUAD GAS MONITOR RENTAL 75.00 MIL 800 MILEAGE 2.25 MTR CAL 3 MONITOR CALIBRATION 50.00 GEN 12 GENERATOR RENTAL 150.00 COOL 10 COOL DOWN TRAILER RENTAL 150.00 BTL 4 REFILL 300 CU FT BREATHING AIR BOTTLES 25.00 A PK 4 AIR PACK RENTAL 25.00 FAN 1 H2S DISPERSION FANS 150.00 TRSH 8 TRASH TRAILER RENTAL 50.00 TOILET 8 PORTABLE TOILET RENTAL 25.00 SPLY 1 BOOTS & HARD HATS 150.00 SPLY 5 GAS DETECTION TUBES 75.00 SPLY 1 CLAMPS & LUMBER 200.00 SPLY 1 SIGNS FOR JOBSITE 600.00	HZS TRLR 10 H2S SAFETY TRAILER RENTAL 200.00 2,000.00 CPL PKG 12 SAFETY COMPLIANCE PACKAGE 65.00 780.00 SUPR 190.5 SUPERVISION 75.00 14,287.50 QD GAS 21 QUAD GAS MONITOR RENTAL 75.00 1,575.00 MIL 800 MILEAGE 2.25 1,800.00 MTR CAL 3 MONITOR CALIBRATION 50.00 150.00 GEN 12 GENERATOR RENTAL 150.00 1,800.00 COOL 10 COOL DOWN TRAILER RENTAL 150.00 1,500.00 BTL 4 REFILL 300 CU FT BREATHING AIR BOTTLES 25.00 100.00 A PK 4 AIR PACK RENTAL 25.00 100.00 TRSH 8 TRASH TRAILER RENTAL 50.00 400.00 TOILET 8 PORTABLE TOILET RENTAL 25.00 200.00 SPLY 1 BOOTS & HARD HATS 150.00 150.00 RENTALS 2 TUBE PULLER 75.00 150.00 SPLY 5 GAS DETECTION TUBES 100.00 <

"Dear brothers and sisters, when troubles of any kind come your way, consider it an opportunity for great joy." James 1:2

REMIT TO: PO BOX 14367 ODESSA, TX 79768

Subtotal Tax (NM_EDDY CO_ 5.75%) Total

1,529.07 28,121.57

26,592.50

Amount Due \$28,121.57

Lifting FORM #APWO-15 (JSA Book) REV. 3/08 Written By: Manual Lifting (Body Position)
Mechanical Lifting Equipment Barricades Placed Handrails Placement Lifting With Other Employees Slip/trip Potential Awkward Body Position Authorized Individual Signature (200 YARD # vacuation Routes Identified .adders / Stair Rails Placement Access / Exit ell Wenter roper Rigging Practices Kowata ben't fer auter A dwo るためられていて ailaate WORK SEQUENCE (JOB STEPS) Montoyo CONTRACTO Name / Signature / Company 1-6NC+ JSA Participants Son Be SYUSSIONE 230 AND VIEW - Mergy building HMERICEL Collections 1 Y № Hazards Job Safety Checklist Jafety Services DATE: Pagage Hand & Finger Hazards Road Gear & Derrick Locked & Tagged Welding/Flame Cutting Trenching / Evacuation Pinch Points Fall Protection / Anchor Points Inadequate Lighting Hot / Cold Surface or Material Proper Tool / Material Placemen Potential release Clement HAZARDS OR POTENTIAL ACCIDENT 8 Other lox からいいいいと (3) ~-1 0 may Conditions Coadilibas Words. O. JOB SAFETY ANALYSIS (JSA) & Job Safety Checklist 50535 なべのです、 Salta Carlo Visitors After JSA was Written Name / Signature / Company SMA met of N | Body Position / Movement Straining Bending GPS Coordinates of Jocation Pulling, Pushing Reaching Stretching Date/Time: Meeting Place in Case of Emergency: ハナキャン、こしてアルトレイル Over Extending Crawling Walking Twisting Motion UNITIASSET # HOWE Pifelia Repair Site 7107 のな Surface), and Brinks bites, nicks HAND OR FINGER INJURY HAZARDS Euri nevay Severance Strain /Strains Sing They HARRIGH SAGOS Hotor Bruis Ses Hard Hat

Fire Extinguisher

Face Shield / Goggles

H2S / Tri-Monitors

H2S / Tri-Monitors

Proper Clothing

Safety Equipment

Face Shield / Goggles

H2S / Tri-Monitors

Proper Clothing

Safety Classes

Hot Work Permit Required

Ground Cable

REVIEWED FOR COMPLETENESS AND CONFIRMATION JSA IS FOLLOWD:

SUPERVISOR NAME & DATE: TO | Work Parmit Required

REVIEWED FOR COMPLETENESS AND CONFIRMATION JSA IS FOLLOWD:

SUPERVISOR NAME & DATE: TO | Work Parmit Required

REVIEWED FOR COMPLETENESS AND CONFIRMATION JSA IS FOLLOWD: Z 79g MINIM Well #: Responsibility, and Obligation IN O J Sewers or Drains Covered & Sealed Pollution (Personal Exposure) Environmental 40 Leaks or Spills Prevented / Controlled ナブセグ (1260 LIGSA Monitor Mind OI 24011 Toute BOKIZ Others Chira + MARS Tulc H+MOSPheric 1001 - 1001 303 8 400 m E.O. くりんいから Bi RECOMMENDATIONS TO ELIM attention GANGE C exposure Commo ONCHON < 70 3 2

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FORM #APWO-15 (JSA Book) REV. 3/08

Lifting Authorized Individual Signature Meeting Place in Case o Nort Ticket # Workstee Confirm that it is safe for the work described & the site is clean & fire hazards have been identified and controlled. Customer Name / Number_ Job Type / Work Ticket #____ Proper Rigging Practices Manual Lifting (Body Position)
Mechanical Lifting Equipment YARD# _ifting With Other Employees Slip/trip Potential wkward Body Position arricades Placed ccess / Exit vacuation Routes Identified adders / Stair Rails Placement andrails Placement THE PROPERTY ASAR U WORK SEQUENCE (JOB STEPS) Bamire Z STACK L Name / Signature / Company RODRIGUEZ U1901062 Jame evens JSA Participants X En 2000 Y N Hazards Job Safety Checklist DATE: Hot / Cold Surface or Material Proper Tool / Material Placement Road Gear & Derrick Locked & Tagged Welding/Flame Cutting Hand & Finger Hazards Trenching / Evacuation Pinch Points Fall Protection / Anchor Points Inadequate Lighting 05 HAZARDS OR POTENTIAL ACCIDENT +51 DS 18 LACK OF GAMMAN CAFOR SMT(W)TF TOTAL DYL THERE CHCIN SEC co Sis JOB SAFETY ANALYSIS (JSA) & Job Safety Checklist Visitors After JSA was Written ~ Name / Signature / Company Z GPS Coordinates of Location Contact 4 (Meeting Place in Case of Emergency: At 125/6-UNIT/ASSET# **Body Position / Movement** Date/Time: _ Reaching Stretching Straining Crawling Walking Twisting Motion Bending Pulling, Pushing Over Extending Sals and SITES NICKS HAND OR FINGER INJURY HAZARDS Dry Sud 10-11/c Sixe BUINS JAN BELL ~ Z Well #: Environmental Pollution (Personal Exposure) ST. Sewers or Drains Covered & Sealed Leaks or Spills Prevented / Controlled SUPERVISOR NAME & DATE: PON Who BY TON COLORS 250 LAGINON A Take breaks as needed to Proper Clothing Fire Extinguisher Hard Hat Ground Cable Hot Work Permit Required Safety Glasses H2S / Tri-Monitors Face Shield / Goggles 1000 05 SO LA CAS A GOOD CONTRACTOR AS TITUOUS - MORITON 400 Rus Demost Dilling PAUL OF Phirmington wales. has stop work Took! la vement RECOMMENDATIONS TO ELIMIN and of WEARAM Safety Equipmed Requ O VSCM トロイ Sequi (But) to Imaging. 9/7/2021 9. T. Kur H N A 2 100

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JOB SAFETY ANALYSIS (JSA) & Job Safety Checklist

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FORM #APWO-15 (JSABook) REV. 3/08			Rei	Rel

FORM #APWO-15 (JSA Book) REV. 3/08

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	14 , 9:00am	the work described & the site is clean & fire hazards have been	Job lybe I work incket # I have personally inspected the worksite & confirmthat it is safe for the work described & the site is clean & fire hazards have been identified and controlle I have personally inspected the worksite & confirmthat it is safe for the work described & the site is clean & fire hazards have been identified and controlle I have personally inspected the worksite & confirmthat it is safe for the work described & the site is clean & fire hazards have been identified and controlle I have personally inspected the worksite & confirmthat it is safe for the work described & the site is clean & fire hazards have been identified and controlle a large for the work described & the site is clean & fire hazards have been identified and controlle a large for the work described & the site is clean & fire hazards have been identified and controlle a large for the work described & the site is clean & fire hazards have been identified and controlle a large for the work described & the site is clean & fire hazards have been identified and controlle a large for the work described & the site is clean & fire hazards have been identified and controlle a large for the work described & the site is clean & fire hazards have been identified and controlle a large for the work described & the site is clean & fire hazards have been identified and controlle a large for the work described & the site is clean & fire hazards have been identified and controlle a large for the work described & the site is clean & fire hazards have been identified and controlle a large for the work described & the site is clean & fire hazards have been identified and controlle a large for the work described & the site is clean & fire hazards have been identified and controlle a large for the work described & the site is clean & fire hazards have been identified and controlle a large for the work described & the site is clean & fire hazards have been identified and controlle a large for the work described & the site is clean & fire hazards have
To so. I	Contact A [1] Meeting Place in Case of Emergency: A (18,14 A-2)-1.	O WILL	Customer Name / Number
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Customer Name / Number / Numb YARD # Lifting Authorized Individual Signature Evacuation Routes Identified Slip/trip Potential Awkward Body Position Mechanical Lifting Equipment Manual Lifting (Body Position) Handrails Placement Access / Exit Proper Rigging Practices ifting With Other Employees DSCAL adders / Stair Rails Placement Pobesto Strice into Joe i WORK SEQUENCE (JOB STEPS) Name / Signature / Company Rodriguez HONVE Rodalbucz SANDONAS いかでいたい CHOVEZ **JSA Participants** Energy 5000 ~ 0005 Job Safety Checklist Jaken Jerwier wie N Hazards DATE: MISON Hot / Cold Surface or Material Proper Tool / Material Placement Pinch Points Fall Protection / Anchor Points Inadequate Lighting Road Gear & Derrick Locked & Tagged Welding/Flame Cutting Hand & Finger Hazards Trenching / Evacuation VENNEWAY JOHN Jaria Charland からいまで Potentie to high concentration 550 Let & Other HAZARDS OR POTENTIAL ACCIDENT POOT (OF TO CINICAL CONT S T W T S S FA 115 "Invilgment Wenter Marmhilgases a wildling the besse MASGRET agni chae SAFETY ANALYSIS (JSA) & Job Safety Checklist Visitors After JSA was Written ~< Name / Signature / Company Z UNIT/ASSET # V & lue]
GPS Coordinates of Location
Contact U Climbing Pulling, Pushing Meeting Place in Case of Emergency: Straining Bending Body Position / Wovement Date/Time: Twisting Motion PANY PANY Stretching Crawling Walking Over Extending Reaching Cuts, bites, nicks, Scrapes, Pinel COUNTY STANS Trichites HAND OR FINGER INJURY HAZARDS THE CANAL 17 T 8:00-THESE でくれていてい **いまでかれ** ているうで < Hal Safety Equipment Reviewed Permit Required

Ground Cable

Reviewed For Completeness and confirmation Jsa is followed:

Reviewed For Completeness And Con Z Environmental Well #: Leaks or Spills Prevented / Controlled Sewers or Drains Covered & Sealed Pollution (Personal Exposure) 3 DAM! authority, traductes, and Droll More megoment ound Continously insurates + OSON 15 るする CONTROL DRY & HENTON Has philimital to 4(55 to 1854 price 5000 STOP WORK RECOMMENDATIONS TO ELIMI Ker Hay Cammonica 2 success xo J SOUNCE SOUNCE WORK Fer to < Z

FORM #APWO-15 |JSA Bock) REV. 3/08

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Customer Name / Number_ Job Type / Work Ticket #___ YARD# Slip/trip Potential Mechanical Lifting Equipment Manual Lifting (Body Position) Lifting Authorized Individual Signature I have personally inspected the works Evacuation Routes Identified Awkward Body Position Handrails Placement Proper Rigging Practices ifting With Other Employees Sarricades Placed Access / Exit adders / Stair Rails Placement SOMOG Dward MI WORK SEQUENCE (JOB STEPS) 110 Name / Signature / Company COR! JSA Participants libe & conflight that it is safe for the work described & the site is clean & fire hazards have been identified and controlled sve, Y N Hazards Job Safety Checklist DATE: 9-Pinch Points Proper Tool / Material Placement Hot / Cold Surface or Material Hand & Finger Hazards Trenching / Evacuation Fall Protection / Anchor Points Inadequate Lighting Road Gear & Derrick Locked & Tagged Welding/Flame Cutting Stark 2220 SOL 1500 2022 2019 concentation, lovel そのさで 000 HAZARDS OR POTENTIAL ACCIDENT SMTW Wenther LOUTED IND WARD, 0 OM-EN e e C Adit VIBIN Solowa toxic JOB SAFETY ANALYSIS (JSA) & Job Safety Checklist Cass CHICANOCHIC Visitors After JSA was Written Name / Signature / Company Y N | Body Position / Movement Bending GPS Coordinates of Location Contact Date/Time: Meeting Place in Case of Emergency: 14(4-6)(4) UNIT/ASSET# Reaching Stretching Pulling, Pushing Twisting Motion Straining Walking Over Extending Crawling 200 SUNTERUS かいつか CUTS DIES SICES almlin やしゃしわるい HAND OR FINGER INJURY HAZARDS points Value Breaks つけい SON 0.8.N 4:000x 0 かりつから COLLAS BY general Acspila ~ a de Environmental Well #: Sewers or Drains Covered & Sealed Leaks or Spills Prevented / Controlled Pollution (Personal Exposure) Working CONVINCATOR order them. Confine ously SUPERVISOR NAME & DATE: REVIEWED FOR COMPLETENESS AND CONFIRMATION JSA IS FOLLOWED H2S / Tri-Monitors Face Shield / Goggles Hard Hat Safety Glasses Proper Clothing Fire Extinguisher preserva Sear. Ground Cable Hot Work Permit Required mare , no SOODER MANGER Jan Jan Caraction of the weater MONITH RECOMMENDATIONS TO ELIMINA Vight, Cosk purchas Safety Equipment Raqui WONE PAR NO OCH he how Correspond ≺ z to Imaging. 9/7/2021 9:2 We

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Job Safety Checklist	Authorized Individual Signature Lan Roll Gioc Am	Customer Name / Number HUNK LINCY TO the work described & the site is clean & fire hazards have been identified and controlled.	DATE: JULY WITES GPS Coordinates of Location	
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SUPERVISOR NAME & DATE: LUIS Ordura2 SSA Proper Clothing Face Shield / Goggles Fire Extinguisher Hard Hat Hot Work Permit Required Safety Glasses H2S / Tri-Monitors Mararas ON MUSICA Continuously present. cloca Cova auriva a shick terrous. Monitor RECOMMENDATIONS TO ELIMINA CIGHT SAG Work Safety Equipment Sequir Duray: LES DOWS のれるのな A M Ho to Imaging: 9/7/2021 9:2 Wel

Written By:

Angelical Production Services Inc

JOB SAFETY ANALYSIS (JSA) & Job Safety Checklist

Customer Name / Number HSAVE

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GPS Coordinates of Location

Contact 9/1

I have personally inspected the worksity & confirm that it is safe for the work described & the site is clean & fire hazards have been identified and controlled.

Well #:

GPS Coordinates of Location

Contact 9/1

Meeting Place in Case of Emergency: AFLSIA & Authorized Individual Signature

Authorized Individual Signature

Well #:

Job	Job Safety Checklist	-		33		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Lifting Y N	Hazards	Y N B	Body Position / Movement	Y Z	ENVIOUMENTAL	
Manual Lifting (Body Position)	Proper Tool / Material Placement		Climbing	A	Pollution (Personal Exposure)	11
Mechanical Lifting Equipment	Hot / Cold Surface or Material	P	Pulling, Pushing	+	Sewers or Orains Covered & Sealed	
Awkward Body Position	Inadequate Lighting	Two Be	Twisting Motion		Cowcia Ci	
Slip/trip Potential Iffing With Other Employees	Pinch Points	M	Walking			
Proper Rigging Practices	Trenching / Evacuation	Cr	Crawling			
Access / Exit	Hand & Finger Hazards	St	Straining			
Handrails Placement	Welding/Flame Cutting		Reaching			
Ladders / Stair Rails Placement	Noad Geal & Dolllon Founds & Lagger	R	Over Extending	7		
Evacuation Routes Identified						
WORK SEQUENCE (JOB STEPS)	HAZARDS OR POTENTIAL ACCIDENT	TIAL ACCIDENT	HAND OR FINGER INJURY HAZARDS	ZARDS	REC	DATIO
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|--|

Slip/trip Potential

Fall Protection / Anchor Points

Twisting Motion

Received by OCD: 3/10/2021 10:47:20 AM Evacuation Routes Identified Barricades Placed Access / Exit Proper Rigging Practices Lifting With Other Employees fandrails Placement adders / Stair Rails Placement Written By: ORM #APWO-15 (JSA Book) REV. 3/08 Kermert Burning WORK SEQUENCE (JOB STEPS) Walve Name / Signature / Company XOD Y JSA Participants APT 800Z mount invence Drivercon Jrssa Bamile 2 2000 Hand & Finger Hazards Welding/Flame Cutting Trenching / Evacuation Pinch Points Road Gear & Derrick Locked & Tagged RICON She tag renther Canditions poor communication, OOK OUT 5 e services WILL DA HAZARDS OR POTENTIAL ACCIDENT 200 3 Expression Charles Colo HUEKANDER KSTOBUN ennifer Know Itan other JEL STOK toxic JANUARY H Visitors After JSA was Written Name / Signature / Company CHAVEZ HERIA dr. 0002 Stretching Walking Bruch by Straining Crawling Over Extending Reaching 000 Happie Grendy Company やいまってきるの pits sicks to Breaks HAND OR FINGER INJURY HAZARDS ONOS SPNO Mas S Lungeny T Hard Hat

Hard Hat

Hard Hat

Fire Extinguisher

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H2S / Tri-Monitors

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Valve Box #11 Closure Report Agave Energy Company Sec 5 T19S R25E, Eddy County, New Mexico December 5, 2014 Revised February 13, 2015

Appendix C Field Notes and Photos



Field Notes 8-27/8-29 Agave Energy Company

Austin Weyant SMA

- 1. August 27
 - a. 7:30-am Arrive at Agave Energy Field Office (CR39) check in, update and review weekly notes with Kerry. Met with Jennifer Knowlton, Gled Holdman, Rubin Molina and Mike Foley.
 - b. 9:00-am JSA held by ASI. TCS crew starts erecting location fence and stage equipment. Baseline samples collected and custody sealed, samples also taken at the base of both tin horns on location and sealed under supervision of Mike Foley.
 - c. Samples #3 and #4 taken and sent to Hall Environmental Analytical Laboratory in ABQ.



Attached pics left to right: Sample #3 location, JSA on location, Sample #4 location, site from sample 4 location, confirming lock-out Tag-out

2. August 28

a. Pulled 210 Tank on location and hauled off. Finished fence around location.





Field Notes 9-2/9-5 Agave Energy Company

Austin Weyant SMA

1. September 2

a. 7:30-am Arrive at Agave Energy Field Office (CR39) check in. Ready to start work at the Johnson BE Battery to add needed shut-in valves and Isolate six inch PVC south of valve Box 11 to insure safety. Lock-out Tagout confirmed



 8:00-am JSA held by ASI. Air trailer and Cool down trailer on site. Crew shaved and ready all H2S cards checked. Site H2S monitors set.



c. 9:50-am Excavation of the 6" PVC lines north of the Johnson BE battery begins. Excavation Sloped to 30% and sampled for hazardous atmosphere. Cut made and valve installed under air.









1. September 3

- a. 7:30-am Arrive at Agave Energy Field Office (CR39) check in. Installing blow-down on the Polo 12" Poly. And install blind on 6" PVC south of the Valve Box 11.
- b. 8:00-am JSA held by ASI. Air trailer and Cool down trailer on site. Crew shaved and ready all H2S cards checked. Site H2S monitors set.



9:00-am all safety equipment set up. Added bathrooms and trash trailer to meet OSHA requirements.



d. 1:30-pm Met with Agave Pipeline and tested blow-down



1. September 4

- a. 7:30-am Arrive at Agave Energy Field Office (CR39) check in.
- b. 8:00-am JSA held by ASI. Air trailer and Cool down trailer on site. Crew shaved and ready all H2S cards checked. Site H2S monitors set.
- c. Tin Horns Pulled and area excavated to 30%



d. 11:00-am work stopped by Agave Management



Field Notes 9-9/9-13 Agave Energy Company

Austin Weyant SMA

1. September 10

a. 7:30am Start Hydro excavation on six inch ROW for YPC water line tie-in and above ground valve setting install. Watson crew is finishing excavation on six inch Matlock line for above ground valve install.



2. September 11

a. Build waterline above ground valve station and established vac-truck unloading at Johnson BE



b. Second vac-truck unloading "lined" for contaminated soils built.



Souder, Miller & Associates ♦ 201 S. Halagueno ♦ Carlsbad, NM 88221 (575) 689-7040



3. September 12

a. Pinch installed @ Pollo Battery and @ Nicholas. Given permission to cut and remove 12"Poly tiein and install blind flange. Water system also down ready for valve station install and Valve Box
#11 by pass. All cuts made under air and supervision of ASI.





Field Notes 9-30/10-30 Agave Energy Company

Austin Weyant SMA

1. September 30

a. 8:30am Start sample collection on location for closure



2. October 21

a. Start at 7:30am removed location trash and debris for disposal.





3. October 23

b. Start at 8:30am tie-in of the Nickola's Battery to the above ground valve station at VB#11. Supervised by Agave Energy Company construction supervisor.





4. October 24

c. Start 8:00am topsoil delivered and back-fill started.



Valve Box #11 Closure Report
Agave Energy Company
Sec 5 T19S R25E, Eddy County, New Mexico
December 5, 2014 Revised February 13, 2015

Appendix D Hall Environmental Analysis Laboratory Reports

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.	ceived	State: Time: Relinquished by:	Date: Time: Relinquished by:	3/10/20	021 10	0:47:2	20 AM	M		8 Bit many many many transmission of the second	128 41B	44 Tag 2018	54 78C #3	Date Time Matrix Sampl	□ EDD (Type)	□ NELAP □ Other	Accreditation	QA/QC Package: ☐ Standard ☐ Level 4	email or Fax#: avaran	Phone #: 575 689-	CAUSAN NM 882	Mailing Address: 201 S 101	Pag	e 63 lient	Chain-of-Custody Record
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Air Bubbles (Y or N)

Released to Imaging: 9/7/2021 9:29:07 AM



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

October 14, 2014

Austin Weyant Souder, Miller & Associates 201 S Halagueno Carlsbad, NM 88221 TEL: (575) 689-7040

FAX

RE: VB #11 OrderNo.: 1410165

Dear Austin Weyant:

Hall Environmental Analysis Laboratory received 8 sample(s) on 10/3/2014 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

Indest

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 10/14/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: N1

 Project:
 VB #11
 Collection Date: 9/30/2014 9:00:00 AM

 Lab ID:
 1410165-001
 Matrix: SOIL
 Received Date: 10/3/2014 10:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANG	GE ORGANICS				Analyst	BCN
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	10/6/2014 9:33:57 AM	15700
Surr: DNOP	87.9	57.9-140	%REC	1	10/6/2014 9:33:57 AM	15700
EPA METHOD 8015D: GASOLINE R	ANGE				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	10/6/2014 9:40:39 PM	15706
Surr: BFB	93.1	80-120	%REC	1	10/6/2014 9:40:39 PM	15706
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Methyl tert-butyl ether (MTBE)	ND	0.092	mg/Kg	1	10/6/2014 9:40:39 PM	15706
Benzene	ND	0.046	mg/Kg	1	10/6/2014 9:40:39 PM	15706
Toluene	ND	0.046	mg/Kg	1	10/6/2014 9:40:39 PM	15706
Ethylbenzene	ND	0.046	mg/Kg	1	10/6/2014 9:40:39 PM	15706
Xylenes, Total	ND	0.092	mg/Kg	1	10/6/2014 9:40:39 PM	15706
Surr: 4-Bromofluorobenzene	98.5	80-120	%REC	1	10/6/2014 9:40:39 PM	15706
EPA METHOD 300.0: ANIONS					Analyst	: LGP
Chloride	2600	75	mg/Kg	50	10/9/2014 9:20:37 PM	15789

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit Page 1 of 12
- P Sample pH greater than 2.
- RL Reporting Detection Limit

Date Reported: 10/14/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: E3

Project: VB #11 **Collection Date:** 9/30/2014 9:18:00 AM Matrix: SOIL Lab ID: 1410165-002 Received Date: 10/3/2014 10:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANG	E ORGANICS				Analys	: BCN
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/6/2014 3:05:37 PM	15700
Surr: DNOP	72.5	57.9-140	%REC	1	10/6/2014 3:05:37 PM	15700
EPA METHOD 8015D: GASOLINE RA	ANGE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/6/2014 10:09:11 PM	1 15706
Surr: BFB	93.9	80-120	%REC	1	10/6/2014 10:09:11 PM	1 15706
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Methyl tert-butyl ether (MTBE)	ND	0.099	mg/Kg	1	10/6/2014 10:09:11 PM	1 15706
Benzene	ND	0.049	mg/Kg	1	10/6/2014 10:09:11 PM	1 15706
Toluene	ND	0.049	mg/Kg	1	10/6/2014 10:09:11 PM	1 15706
Ethylbenzene	ND	0.049	mg/Kg	1	10/6/2014 10:09:11 PM	1 15706
Xylenes, Total	ND	0.099	mg/Kg	1	10/6/2014 10:09:11 PM	1 15706
Surr: 4-Bromofluorobenzene	98.7	80-120	%REC	1	10/6/2014 10:09:11 PM	1 15706
EPA METHOD 300.0: ANIONS					Analys	: LGP
Chloride	2600	150	mg/Kg	100	10/9/2014 9:33:01 PM	15789

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Е Value above quantitation range
- Analyte detected below quantitation limits
- RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Η Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
 - P Sample pH greater than 2.
- Page 2 of 12
- RL
- Reporting Detection Limit

Date Reported: 10/14/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: W4

Project: VB #11 **Collection Date:** 9/30/2014 9:20:00 AM Lab ID: 1410165-003 Matrix: SOIL Received Date: 10/3/2014 10:00:00 AM

Analyses	Result	RL Qu	al Units	DF 1	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGI	E ORGANICS				Analyst	: BCN
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	10/6/2014 3:35:51 PM	15700
Surr: DNOP	74.7	57.9-140	%REC	1	10/6/2014 3:35:51 PM	15700
EPA METHOD 8015D: GASOLINE RA	NGE				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/6/2014 10:37:41 PM	1 15706
Surr: BFB	93.7	80-120	%REC	1	10/6/2014 10:37:41 PM	1 15706
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Methyl tert-butyl ether (MTBE)	ND	0.095	mg/Kg	1	10/6/2014 10:37:41 PM	1 15706
Benzene	ND	0.048	mg/Kg	1	10/6/2014 10:37:41 PM	1 15706
Toluene	ND	0.048	mg/Kg	1	10/6/2014 10:37:41 PM	1 15706
Ethylbenzene	ND	0.048	mg/Kg	1	10/6/2014 10:37:41 PM	1 15706
Xylenes, Total	ND	0.095	mg/Kg	1	10/6/2014 10:37:41 PM	1 15706
Surr: 4-Bromofluorobenzene	98.5	80-120	%REC	1	10/6/2014 10:37:41 PM	1 15706
EPA METHOD 300.0: ANIONS					Analyst	:: LGP
Chloride	2900	150	mg/Kg	100	10/9/2014 9:45:25 PM	15789

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Е Value above quantitation range
- Analyte detected below quantitation limits
- RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Η Holding times for preparation or analysis exceeded

Page 3 of 12

- ND Not Detected at the Reporting Limit
 - P Sample pH greater than 2.
- RLReporting Detection Limit

Date Reported: 10/14/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S2

 Project:
 VB #11
 Collection Date: 9/30/2014 9:22:00 AM

 Lab ID:
 1410165-004
 Matrix: SOIL
 Received Date: 10/3/2014 10:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE	ORGANICS				Analyst	BCN
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	10/6/2014 4:06:00 PM	15700
Surr: DNOP	72.5	57.9-140	%REC	1	10/6/2014 4:06:00 PM	15700
EPA METHOD 8015D: GASOLINE RAN	IGE				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/6/2014 11:06:12 PM	15706
Surr: BFB	93.2	80-120	%REC	1	10/6/2014 11:06:12 PM	15706
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Methyl tert-butyl ether (MTBE)	ND	0.096	mg/Kg	1	10/6/2014 11:06:12 PM	15706
Benzene	ND	0.048	mg/Kg	1	10/6/2014 11:06:12 PM	15706
Toluene	ND	0.048	mg/Kg	1	10/6/2014 11:06:12 PM	15706
Ethylbenzene	ND	0.048	mg/Kg	1	10/6/2014 11:06:12 PM	15706
Xylenes, Total	ND	0.096	mg/Kg	1	10/6/2014 11:06:12 PM	15706
Surr: 4-Bromofluorobenzene	98.6	80-120	%REC	1	10/6/2014 11:06:12 PM	15706
EPA METHOD 300.0: ANIONS					Analyst	: LGP
Chloride	55	1.5	mg/Kg	1	10/8/2014 4:27:08 PM	15789

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit Page 4 of 12
- P Sample pH greater than 2.
- RL Reporting Detection Limit

Date Reported: 10/14/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: C5

 Project:
 VB #11
 Collection Date: 9/30/2014 9:24:00 AM

 Lab ID:
 1410165-005
 Matrix: SOIL
 Received Date: 10/3/2014 10:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANG	SE ORGANICS				Analys	t: BCN
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	10/6/2014 4:35:39 PM	15700
Surr: DNOP	78.2	57.9-140	%REC	1	10/6/2014 4:35:39 PM	15700
EPA METHOD 8015D: GASOLINE R.	ANGE				Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/6/2014 11:34:42 PM	1 15706
Surr: BFB	93.6	80-120	%REC	1	10/6/2014 11:34:42 PM	1 15706
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Methyl tert-butyl ether (MTBE)	ND	0.094	mg/Kg	1	10/6/2014 11:34:42 PM	1 15706
Benzene	ND	0.047	mg/Kg	1	10/6/2014 11:34:42 PM	1 15706
Toluene	ND	0.047	mg/Kg	1	10/6/2014 11:34:42 PM	1 15706
Ethylbenzene	ND	0.047	mg/Kg	1	10/6/2014 11:34:42 PM	1 15706
Xylenes, Total	ND	0.094	mg/Kg	1	10/6/2014 11:34:42 PM	1 15706
Surr: 4-Bromofluorobenzene	98.2	80-120	%REC	1	10/6/2014 11:34:42 PM	1 15706
EPA METHOD 300.0: ANIONS					Analys	t: LGP
Chloride	120	30	mg/Kg	20	10/8/2014 5:04:22 PM	15789

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded

Page 5 of 12

- ND Not Detected at the Reporting Limit Page
- P Sample pH greater than 2.
- RL Reporting Detection Limit

Date Reported: 10/14/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: C6

 Project:
 VB #11
 Collection Date: 9/30/2014 9:25:00 AM

 Lab ID:
 1410165-006
 Matrix: SOIL
 Received Date: 10/3/2014 10:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE	ORGANICS				Analyst	BCN
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	10/6/2014 5:05:35 PM	15700
Surr: DNOP	86.4	57.9-140	%REC	1	10/6/2014 5:05:35 PM	15700
EPA METHOD 8015D: GASOLINE RAM	NGE				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	10/7/2014 12:31:55 AM	15706
Surr: BFB	92.3	80-120	%REC	1	10/7/2014 12:31:55 AM	15706
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Methyl tert-butyl ether (MTBE)	ND	0.099	mg/Kg	1	10/7/2014 12:31:55 AM	15706
Benzene	ND	0.050	mg/Kg	1	10/7/2014 12:31:55 AM	15706
Toluene	ND	0.050	mg/Kg	1	10/7/2014 12:31:55 AM	15706
Ethylbenzene	ND	0.050	mg/Kg	1	10/7/2014 12:31:55 AM	15706
Xylenes, Total	ND	0.099	mg/Kg	1	10/7/2014 12:31:55 AM	15706
Surr: 4-Bromofluorobenzene	95.7	80-120	%REC	1	10/7/2014 12:31:55 AM	15706
EPA METHOD 300.0: ANIONS					Analyst	: LGP
Chloride	2700	75	mg/Kg	50	10/9/2014 9:57:49 PM	15789

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

Qualifiers:

Released to Imaging: 9/7/2021 9:29:07 AM

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit Page 6 of 12
- P Sample pH greater than 2.
- RL Reporting Detection Limit

Date Reported: 10/14/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: 12" T

 Project:
 VB #11
 Collection Date: 9/30/2014 9:27:00 AM

 Lab ID:
 1410165-007
 Matrix: SOIL
 Received Date: 10/3/2014 10:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGI	E ORGANICS				Analyst	BCN
Diesel Range Organics (DRO)	38	10	mg/Kg	1	10/6/2014 5:35:29 PM	15700
Surr: DNOP	88.2	57.9-140	%REC	1	10/6/2014 5:35:29 PM	15700
EPA METHOD 8015D: GASOLINE RA	NGE				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	10/7/2014 1:00:26 AM	15706
Surr: BFB	92.4	80-120	%REC	1	10/7/2014 1:00:26 AM	15706
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Methyl tert-butyl ether (MTBE)	ND	0.092	mg/Kg	1	10/7/2014 1:00:26 AM	15706
Benzene	ND	0.046	mg/Kg	1	10/7/2014 1:00:26 AM	15706
Toluene	ND	0.046	mg/Kg	1	10/7/2014 1:00:26 AM	15706
Ethylbenzene	ND	0.046	mg/Kg	1	10/7/2014 1:00:26 AM	15706
Xylenes, Total	ND	0.092	mg/Kg	1	10/7/2014 1:00:26 AM	15706
Surr: 4-Bromofluorobenzene	96.2	80-120	%REC	1	10/7/2014 1:00:26 AM	15706
EPA METHOD 300.0: ANIONS					Analyst	: LGP
Chloride	270	30	mg/Kg	20	10/8/2014 5:54:00 PM	15789

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit Page 7 of 12
- P Sample pH greater than 2.
- RL Reporting Detection Limit

Analytical ReportLab Order **1410165**

Date Reported: 10/14/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: SP1

 Project:
 VB #11
 Collection Date: 9/30/2014 9:30:00 AM

 Lab ID:
 1410165-008
 Matrix: SOIL
 Received Date: 10/3/2014 10:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANG	SE ORGANICS				Analyst	: BCN
Diesel Range Organics (DRO)	33	10	mg/Kg	1	10/6/2014 6:05:46 PM	15700
Surr: DNOP	84.2	57.9-140	%REC	1	10/6/2014 6:05:46 PM	15700
EPA METHOD 8015D: GASOLINE RA	ANGE				Analyst	:: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/7/2014 1:29:02 AM	15706
Surr: BFB	92.4	80-120	%REC	1	10/7/2014 1:29:02 AM	15706
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Methyl tert-butyl ether (MTBE)	ND	0.099	mg/Kg	1	10/7/2014 1:29:02 AM	15706
Benzene	ND	0.049	mg/Kg	1	10/7/2014 1:29:02 AM	15706
Toluene	ND	0.049	mg/Kg	1	10/7/2014 1:29:02 AM	15706
Ethylbenzene	ND	0.049	mg/Kg	1	10/7/2014 1:29:02 AM	15706
Xylenes, Total	ND	0.099	mg/Kg	1	10/7/2014 1:29:02 AM	15706
Surr: 4-Bromofluorobenzene	96.4	80-120	%REC	1	10/7/2014 1:29:02 AM	15706
EPA METHOD 300.0: ANIONS					Analyst	:: LGP
Chloride	28	7.5	mg/Kg	5	10/8/2014 6:06:24 PM	15789

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit Page 8 of 12
- P Sample pH greater than 2.
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

WO#: **1410165**

14-Oct-14

Client: Souder, Miller & Associates

Project: VB #11

Sample ID MB-15789 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 15789 RunNo: 21767

Prep Date: 10/8/2014 Analysis Date: 10/8/2014 SeqNo: 639352 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID LCS-15789 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 15789 RunNo: 21767

Prep Date: 10/8/2014 Analysis Date: 10/8/2014 SeqNo: 639353 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 90.9 90 110

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

Page 9 of 12

Hall Environmental Analysis Laboratory, Inc.

WO#: **1410165 14-Oct-14**

Client: Souder, Miller & Associates

Project: VB #11

Sample ID MB-15700 SampType: MBLK TestCode: EPA Method 8015D: Diesel Range Organics

Client ID: PBS Batch ID: 15700 RunNo: 21678

Prep Date: 10/3/2014 Analysis Date: 10/6/2014 SeqNo: 636393 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Diesel Range Organics (DRO) ND 10

Surr: DNOP 9.1 10.00 91.3 57.9 140

Sample ID LCS-15700 SampType: LCS TestCode: EPA Method 8015D: Diesel Range Organics

Client ID: LCSS Batch ID: 15700 RunNo: 21678

Prep Date: 10/3/2014 Analysis Date: 10/6/2014 SeqNo: 636394 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 49 10 50.00 0 98.9 68.6 130

Surr: DNOP 4.1 5.000 82.0 57.9 140

Sample ID 1410165-001AMS SampType: MS TestCode: EPA Method 8015D: Diesel Range Organics

Client ID: N1 Batch ID: 15700 RunNo: 21678

Prep Date: 10/4/2014 Analysis Date: 10/6/2014 SeqNo: 636718 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

 Diesel Range Organics (DRO)
 44
 9.9
 49.26
 0
 89.7
 40.1
 152

 Surr: DNOP
 3.4
 4.926
 69.5
 57.9
 140

Sample ID 1410165-001AMSD SampType: MSD TestCode: EPA Method 8015D: Diesel Range Organics

Client ID: N1 Batch ID: 15700 RunNo: 21678

Prep Date: 10/4/2014 Analysis Date: 10/6/2014 SeqNo: 636719 Units: mg/Kg

Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 39 9.9 49.60 79.1 40.1 152 11.9 32.1 Λ Surr: DNOP 2.6 4.960 52.3 57.9 140 0 0 S

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

Page 10 of 12

Hall Environmental Analysis Laboratory, Inc.

WO#: **1410165**

14-Oct-14

Client: Souder, Miller & Associates

Project: VB #11

Sample ID MB-15706 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: **PBS** Batch ID: **15706** RunNo: **21690**

Prep Date: 10/3/2014 Analysis Date: 10/6/2014 SeqNo: 636820 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 890 1000 89.1 80 120

Sample ID LCS-15706 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 15706 RunNo: 21690

Prep Date: 10/3/2014 Analysis Date: 10/6/2014 SeqNo: 636821 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

 Gasoline Range Organics (GRO)
 27
 5.0
 25.00
 0
 109
 65.8
 139

 Surr: BFB
 1000
 1000
 101
 80
 120

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

Page 11 of 12

Hall Environmental Analysis Laboratory, Inc.

WO#: **1410165**

14-Oct-14

Client: Souder, Miller & Associates

Project: VB #11

Sample ID MB-15706	SampType: MBLK			Tes	tCode: E	tiles				
Client ID: PBS	Batch	n ID: 15	706	F	RunNo: 2	1690				
Prep Date: 10/3/2014	Analysis D	Date: 10	0/6/2014	5	SeqNo: 6	36858	Units: mg/K	ίg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.10								
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.95		1.000		94.7	80	120			

Sample ID LCS-15706	SampType: LCS			Tes	tCode: E					
Client ID: LCSS	Batch ID: 15706			F	RunNo: 21690					
Prep Date: 10/3/2014	Analysis Date: 10/6/2014 SeqNo: 636859			36859	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.96	0.10	1.000	0	96.4	80	120			
Benzene	0.99	0.050	1.000	0	98.9	80	120			
Toluene	0.99	0.050	1.000	0	99.3	80	120			
Ethylbenzene	1.0	0.050	1.000	0	102	80	120			
Xylenes, Total	3.1	0.10	3.000	0	102	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		103	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

Page 12 of 12



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87105

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

Sample Log-In Check List

Client Name: SMA-CARLSBAD	Work Order Number	1410165			RcptNo: 1	
Received by/date: Logged By: Michelle Garcia Completed By: Michelle Garcia Reviewed By:	10/3/2014 10:00:00 AM 10/3/2014 11:22:09 AM (0 03 14		Miku	u Gon u Gon	un)	
<u>Chain of Custody</u>		_				
1. Custody seals intact on sample bottles?		Yes _			Not Present ✓	
2. Is Chain of Custody complete?		Yes 🗸	No		Not Present	
3. How was the sample delivered?		<u>UPS</u>				
<u>Log In</u>						
4. Was an attempt made to cool the sample	es?	Yes 🔽	No No		NA 🗆	
5. Were all samples received at a temperal	ture of >0° C to 6.0°C	Yes ☐	No required	✓	NA \square	
6. Sample(s) in proper container(s)?		Yes ✓				
7. Sufficient sample volume for indicated to	est(s)?	Yes 🗹	No			
8. Are samples (except VOA and ONG) pro	perly preserved?	Yes 🗸) No			
9. Was preservative added to bottles?		Yes 🗆] No	✓	na 🗆	
10.VOA vials have zero headspace?		Yes 🗌] No		No VOA Vials 🗹	
11. Were any sample containers received b	roken?	Yes L	No		# of preserved	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes 🗸] No		for pH: (<2 or	>12 unless noted)
13. Are matrices correctly identified on Chair	n of Custody?	Yes 🗹] No		Adjusted?	<u>.</u>
14. Is it clear what analyses were requested	?	Yes 🔽				
15. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗸) No		Checked by:	
Special Handling (if applicable)						
16. Was client notified of all discrepancies w	vith this order?	Yes 🗆) No		NA 🗹	
Person Notified: By Whom: Regarding: Client Instructions:	Date: Via:	eMail	Phone	Fax	☐ In Person	
17. Additional remarks:						
18. Cooler Information Cooler No Temp °C Condition 1 9.6 Good	Seal Intact Seal No Yes	Seal Date	Signed	Ву		·- ··

HALL ENVIRONMENTAL ANALYSIS LABORATORY						0:47:20		_	Y) s	- L' J	_	2	\ \ \	>	×	×	×	X		Page 7
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Valve Box #11 Closure Report Agave Energy Company Sec 5 T19S R25E, Eddy County, New Mexico December 5, 2014 Revised February 13, 2015

Appendix E Run Ticket Waste Disposal

Invoice

10/28/2014

Invoice #

15555

Date TRUCKING & CONTRACTING SERVICES, LLC

PO BOX 878 Carlsbad, NM 88221

Bill To	
Souder Miller & Associates 5904 Rodeo Park Dr. East Bulding 100, Santa Fe NM 87505	

P.O. No.	Terms	Location

	52330	02	Net 30	Valve E	30x # 1
Quantity	Descrip	otion		Rate	Amount
Val	ve Box # 1	•		·	
10/2 tick	21/14 - Smoothed out are, dug out et #8448	around 12" PVC	to cap at location		9
11 Lab				40.00	440.00
	ervisor			65.00	130.00
l Picl 11 Bac	cup Truck			62.00	62.00
II Bac	MICC			95.00	1,045.00
10/2 844	22/14 - Finished diging out and too 9	k fence down at	location ticket#		
11 Lab				40.00	440.00
	ervisor			65.00	130.00
1 Pick 11 Bac	rup Truck			62.00	62.00
II Bac	knoe			95.00	1,045.00
10/2	3/14 - Helped moved top soil back	in hole at location	on ticket #8450		
11 Lab				40.00	440.00
	ervisor			65.00	130.00
I Pick 11 Bac	up Truck			62.00	62.00
II Bac	knoe			95.00	1,045.00
10/2	4/14 - Back filled hole with top so	il ticket # 8625			
6 Lab	or			40.00	240.00
1 Sup	ervisor .			65.00	65.00
	up Truck			62.00	62.00
12 Baci				95.00	1,140.00
12 Bell 1 Top	y Dump Truck Soil			105.00	1,260.00
1 10p	90ii			736.00	736.00
Thank you for your business.	Company Man	Salesman	Account	-	
	Austin Weyant)C		Total	. \$8,534.00

work ticket N^0

8448

P.O. Box 878 Carlsbad, NM 88221 Office: 575-887-5827 Fax: 575-234-1572



432-557-7202 432-664-4668 www.tcstrucking.com

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Released to Imaging: 9/7/2021 9:29:07 AM

NICHOLS PRINTING, INC.

DIRT WORK TICKET Nº

8449

P.O. Box 878 Carlsbad, NM 88221 Office: 575-887-5827 Fax: 575-234-1572



432-557-7202 432-664-4668 www.tcstrucking.com

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WOUNT HONEL TAT	0 + 10	Fax: 575-234-	1572		•		9	Eddy,	New Mex. [
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Date 11-22-14

Customer Signature_

DIRT WORK TICKET N^{0}

8450

P.O. Box 878 Carlsbad, NM 88221 Office: 575-887-5827 Fax: 575-234-1572



432-557-7202 432-664-4668 www.tcstrucking.com

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Lea,	New	Mex.	
Eddy.	Maur	May	\Box

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LEASE <u>VATUE</u>	Dox #	//					WELL	7"	
COMPANY Sovad LEASE <u>VAIUE</u> DESCRIPTION OF WO	Hole	Dudle	y lift t	· 5e	+ Rizo	2 m	ove Tog	\$6. 1	
T.C.S. REP			<u></u> .						
Unit Number				Time	: From 6:00)		To: 5.100	
	Qty.	Name	Hours	Mate	erial				
Foreman				Qty.	Part No.	Mate	erial	Amount	Total
Labor	1	Elinson.	11 42						
Labor							<u></u>		<u> </u>
Labor				1					
1 Ton Truck/Trailer									
Supervisor	1	TORK	2 4k	i					
Pickup Truck	1	No Der	All DH						
Heavy Equipment			7		·				
Backhoe	1	TR	11 42		Misc. Equip	ment	Hours	Price Hr.	Total
Dump Truck									
Belly Dump									
Water Truck		,				<u> </u>			
Vacuum Truck									
Dozer D6									
Dozer D8									
Excavator	·-								
Grid Roller				Empl	loyee Names				
Vibratory Roller									
Loader (Small)									
Loader (Big)									. =
Motor Grader									
Haul Truck				Surch	narge				
Pipe Trailer					Mileage				
Trash Trailer			-		Sub	Total			
Utility Truck					···	Tax	-		
Skid Steer				1		Total			-

Date 10-93-14

Customer Signature_

work ticket N^{0}

8625

P.O. Box 878 Carlsbad, NM 88221 Office: 575-887-5827 Fax: 575-234-1572



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	Texas 🖵
Lea,	New Mex. 🗖
Eddv.	New Mex. 2

AUTHORIZATION FOR WORK

EASE UATUR	Box#	<u>'11 </u>				WELL		
EASE <u>UAlue</u> ESCRIPTION OF WO	RK BACK	fill wi	Th top	Soil			-	
				-			<u>-</u>	
C.S. REP								
nit Number				Time: From 6: 0	2		To: /2:00	?
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oreman				Qty. Part No.	Mat	erial	Amount	Total
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ckup Truck	1		1 yr All Day					
eavy Equipment			 " "" 				1	•
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cavator								
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sh Trailer		1		Sul	b Total			
lity Truck					Tax			
id Steer			<u> </u>		Total			

Date 10-24-14

Customer Signature_

NICHOLS PRINTING, INC.

Trucking & Contracting Services, LLC PO BOX 878 Carlsbad, NM 88221

Souder Miller & Associates 5904 Rodeo Park Dr. East Bulding 100, Santa Fe NM 87505

Bill To



Invoice

Date	Invoice #
10/14/2014	15292

Company Man	P.O. No.	Terms	Salesman	L	ocation
ennifer Knowlton	606-2020	Net 30	JC	Valv	re Box # 11
Quantity		Description		Rate	Amount
2 1	10/9/14 - PVC water line on vac # 8468 Labor Supervisor Pickup Truck Backhoe	truck broke, sent back	hoe to help onon ticket	40.00 65.00 62.00 95.00	200.00 130.00 62.00 475.00

575-887-5827

Phone #

DIRT WORK TICKET N^0

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AUTHORIZATION FOR WORK

FOR Help	Onon	Hotel \$ 1	CIP A	90C	- Doly	PIPE	enci BAC	<u>K 40/e</u>	
T.C.S. REP				···		H	cury		
Unit Number				Time:	From <i>]: C</i>	<i>io</i>		To: 6:00	
	Qty.	Name	Hours	Mate	rial				
Foreman				Qty.	Part No.	Mat	terial	Amount	Total
Labor	j	Elipson	5 4R						
Labor		1-1.03000	J TRE				·	 	 . ,
Labor	_		_			_		-	<u>_</u> .
1 Ton Truck/Trailer									<u> </u>
Supervisor	1	Jene	2 4R						
Pickup Truck	1	DoPt -	5 4R				<u> </u>		
Heavy Equipment		12.0	7 /2						
Backhoe	1	JR	5 4R		Misc. Equi	ipment	Hours	Price Hr.	Total
Dump Truck									-
Belly Dump									
Water Truck									
Vacuum Truck									
Dozer D6					·				
Dozer D8									_
Excavator					,				
Grid Roller				Emplo	yee Names	····	<u> </u>		
/ibratory Roller				<u> </u>	-	<u> </u>	<u></u>		
_oader (Small)							-		
Loader (Big)			-		·	· <u>-</u>			
Motor Grader		_					-		
Haul Truck		_		Surcha	arge		·		· <u>·</u>
Pipe Trailer					Mileage	-			<u> </u>
rash Trailer				-	Su	ib Total			
Itility Truck				1		Tax			
Skid Steer				_		Total			 -

Trucking & Contracting Services, LLC PO BOX 878 Carlsbad, NM 88221

Souder Miller & Associates 500 N. Main St. # 504 Roswell , NM, 88201

Bill To



Invoice

Date	Invoice #
10/6/2014	15113

		e ^r			
Company Man	P.O. No.	Terms	Salesman	1	Location
Jennifer Knowlton	606-2020	Net 30	JC		agger Draw Water/ G
Quantity				Rate	Amount
6	Lodewick Dagger Draw Water/ Gr 10/1/14 - Helped put up fence at I Labor Labor Pickup Truck			40.00 40.00 60.00	240.00 240.00 60.00
Thank you for your b	usiness.		To	⊥ otal	\$540.00

575-887-5827

Phone #

8612

Trucking & Contracting Services, LLC

DIRT WORK TICKET Nº

P.O. Box 878 Carlsbad, NM 88221 Office: 575-887-5827 Fax: 575-234-1572



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Foreman				Qty.	Part No.	Ma	terial	Amount	Total
Labor	<u> </u>	Javiez V		-	***************************************				444
Labor		Justin M	6 4	# #					
Labor		1 1 2 2							
1 Ton Truck/Trailer									
Supervisor								<u> </u>	<u> </u>
Pickup Truck		F250	6 4K	-					
Heavy Equipment								VI	
Backhoe					Misc. Eq	uipment	Hours	Price Hr	Total
Dump Truck		-							
Belly Dump									
Water Truck									
/acuum Truck									
Dozer D6							A describing		ļ
Dozer D8					***************************************				
xcavator									
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/ibratory Roller									
.oader (Small)		and the second		N N					
oader (Big)									
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laul Truck				Surch	arge				
ipe Trailer					Mileage				
rash Trailer					S	ub Total			
Itility Truck						Tax			
kid Steer			11 min -	1		Total	1		***************************************

Trucking & Contracting Services, LLC PO BOX 878 Carlsbad, NM 88221

Souder Miller & Associates 500 N. Main St. # 504 Roswell, NM, 88201

Bill To



Invoice

Date	Invoice #
9/8/2014	14549

Company Man	P.O. No.	Terms	Salesman	L	ocation
ennifer Knowlton	606-2020	Net 30	JC	Dagger Draw	Water/ Gas System
Quantity		Description		Rate	Amount
	9/2/14 - Used hydrovac at locati	on ticket # 8535			
15.5	Hydrovac			310.00	4,805.0
	9/3/14 - Used hydrovac for pipe	s at location ticket #85	36		
10.5	Hydrovac			310.00	3,255.0
	9/4/14 - Used hydrovac for piper	s at location ticket #85	37		
9.5	Hydrovac			310.00	2,945.0
	9/5/14 - Used hydrovac for pipes	s at location ticket #85	38		
11.5	Hydrovac			310.00	3,565.0

Thank you for your business.

Total
\$14,570.00

Phone # 575-887-5827

DIRT WORK TICKET N^0 .

8535

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Texas	
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AUTHORIZATION FOR WORK

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Pickup Truck							**************************************		
Heavy Equipment									}
Backhoe					Misc. Equipa	nent	Hours	Price Hr.	Tota
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DIRT WORK TICKET N^0

8536 P.O. Box 878 Carlsbad, NM 88221 Office: 575-887-5827 Fax: 575-234-1572



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AUTHORIZATION FOR WORK

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Foreman				Qty.	Part No.	Ma	aterial	Amount	Total
Labor			:	: :			***************************************		
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1 Ton Truck/Trailer									
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Pickup Truck									
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Skid Steer						Total			
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Date 9-3-14				Coef	tomer Signature	à			
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DIRT WORK TICKET N^0

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AUTHORIZ	ATION	FOR	WORK
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WORK TICKET N_{\cdot}^{0}

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AUTHORIZATION FOR WORK

Unit Number City. Name Hours Material Gity. Part No. Material Amount Total Labor Labor Labor Labor Labor I Ton Truck/Trailer Supervisor Pickup Truck Heavy Equipment Backhoe Misc. Equipment Hours Price Hr. Total Courne Truck Selly Dump Nater Truck Acouum Truck Dozer D6 Dozer D6 Dozer D8 Executator Carl Roller Ribratory Roller Coeder (Small) Coeder (Small) Coeder (Big) Miseage Miseage M	LEASE Named	. رس <i>ون (</i> لا .	MALRIN	MAX 5.	ctem	,		EP Jeanif WELL			•
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Labor		Oty.	Name	Hours			**************************************	<u></u>	vuu.manau.da		
Labor	Foreman				_	:	Ma	aterial	Amo	unt	Total
Labor 1 Ton Truck/Trailer Supervisor Pickup Truck Heavy Equipment Backhoe Misc. Equipment Hours Price Hr. Total Dump Truck Selly Dump Nater Truck Accoumt Truck Dozer D6 Dozer D6 Dozer D8 Excavator Arid Roller Mileage Trash Trailer Sub Total Tax	······································							,			
1 Ton Truck/Trailer Supervisor Pickup Truck Heavy Equipment Backhoe Misc. Equipment Hours Prica Hr. Total Dump Truck Belly Dump Water Truck Vacuum Truck Dozer D6 Dozer D6 Dozer D8 Excavator Sind Roller Indian R	Labor			:	*					1	······································
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Belly Dump Water Truck Account Truck Dozer D6 Dozer D8 Excavator Arid Roller Benployee Names Fibratory Roller Coader (Small) Coader (Big) Motor Grader Haul Truck Surcharge Pipe Trailer Mileage Firsh Trailer Sub Total Hillity Truck Mater Truck Mater Truck Mater Truck Mater Truck Mater Truck Mileage Sub Total Mileage						Misc. Equ	ipment	Hours	Price	-lr.	Total
Belly Dump Water Truck Facuum Truck Dozer D6 Dozer D8 Excavator And Roller Fibratory Roller Coader (Small) Coader (Big) Rotor Grader Iduit Truck Surcharge Fibratory Fibrator	Dump Truck				11/15	MARILLE.	 	10 / 4x	-		
Vacuum Truck Dozer D6 Dozer D8	Belly Dump		······································		7.9	<u>/</u>		19/2-1-		- Lanes	
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rash Trailer Sub Total Itility Truck Tax	laul Truck				Surch	arge					
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Skid Steer : Total	Itility Truck						Tax				
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						And a second					

Trucking & Contracting Services, LLC PO BOX 878 Carlsbad, NM 88221



Invoice

Date		Invoice #
9/5/2014		14512

Bill To
Souder Miller & Associates
500 N. Main St. # 504
Roswell , NM, 88201

Company Man	P.O. No.	Terms	Salesman	L	ocation
Jennifer Kowtow	606-2020	Net 30	JC	Lodewi	ck T.B Dagger
Quantity		Amount			
4 1 11	Location: Lodewick T.B Dagger 8/25/14 - Smoothed out road at jour Labor Supervisor Pickup Truck Backhoe			40.00 65.00 60.00 95.00	440.00 260.00 60.00 1,045.00
Thank you for your bu	isiness.		To	otal	\$1,805.00
Phone #	575-887-5827		. <u> </u>		

P.O. Box 878 Carlsbad, NM 88221 Office: 575-887-5827 Fax: 575-234-1572



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DIRT ;
WORK TICKET

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tility Truck							Tax			
kid Steer						····	Total			
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Trucking & Contracting Services, LLC PO BOX 878 Carlsbad, NM 88221





Invoice

Date	Invoice #
9/5/2014	14511

Bill To	
Souder Miller & Associates 500 N. Main St. # 504 Roswell , NM, 88201	

Company Man	P.O. No.	Terms	Salesman	L	ocation
Jennifer Knowlton	606-2020	Net 30	JC	North Dagge	er Draw Gas System
Quantity	tity Description Rate				Amount
1 6	8/28/14 - Filled hole 2 valve box Labor Pickup Truck Backhoe Belly Dump Truck 10 Yards of Caliche	; helped with fence at	location ticket # 8577	40.00 60.00 95.00 105.00 8.05	240.00 60.00 570.00 262.50 80.50
Thank you for your b	usiness.		То	otal	\$1,213.00
Phone #	575-887-5827				

775-007-3027

Released to Imaging: 9/7/2021 9:29:07 AM

8577

Trucking & Contracting Services, LLC

DIRT WORK TICKET N^o

P.O. Box 878 Carlsbad, NM 88221 Office: 575-887-5827 Fax: 575-234-1572



432-557-7202 432-664-4668 www.tcstrucking.com

	IEXAS	-
Lea,	New Mex.	
Eddy	New Mex.	

AUTHORIZATION FOR WORK

COMPANY Agau LEASE Voirt DESCRIPTION OF WO				adamini de desirata da la dec. 19de					
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oader (Small)							R., I. I. II. I. I. III.		
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tility Truck						Tax			
				-	anno de la segenta de la fermana de la segenta de la segen	Total			

Trucking & Contracting Services, LLC PO BOX 878 Carlsbad, NM 88221



Invoice

Date	Invoice #
9/5/2014	14500

Bill To

Souder Miller & Associates
500 N. Main St. # 504
Roswell , NM, 88201

Company Man	P.O. No.	Terms	Salesman	L	ocation
Jennifer Knowlton	606-2020	Net 30	JC	Thomson A	AJ Johnson Battery
Quantity		Description		Rate	Amount
4 1 12 3 3	Location: The Wooden Box 8/27/14 - Started working on fence Labor Supervisor Pickup Truck Backhoe 8/29/14 - Moved pills on dirt at le Labor Supervisor Pickup Truck Backhoe			40.00 65.00 60.00 95.00 40.00 65.00 60.00 95.00	500.00 260.00 60.00 1,140.00 120.00 195.00 60.00 285.00
hank you for your bu	isiness.		To	otal	\$2,620.00
Phone #	575-887-5827	<u></u>	1 -		

Released to Imaging: 9/7/2021 9:29:07 AM

Trucking & Contracting Services, LLC

work ticket N^0

8576 P.O. Box 878 Carlsbad, NM 88221 Office: 575-887-5827 Fax: 575-234-1572



432-557-7202 432-664-4668 www.tcstrucking.com

Texas	-
Lea, New Mex.	
Eddy, New Mex.	

AUTHORIZATION FOR WORK

DESCRIPTION OF WO	IL Steph	etecl t	- work	07	fence's	OK WY		en gaxo		
T.C.S. REP			**************************************			- Autonian American				
Unit Number		Time: From 6'00 To: 6.36								
	Qty. Name Hours Material									
Foreman				Qty.	Part No.	Mat	erial	Amount	Tota	
Labor	1	Eliason	12K 4			4				
Labor										
Labor										
1 Ton Truck/Trailer										
Supervisor	1	Jeren	4 40_				,			
Pickup Truck	7	Dollge								
Heavy Equipment	1									
Backhoe	1	TR	12 4R	5	Misc. Equip	oment	Hours	Price Hr.	Total	
Dump Truck		J12		1					······································	
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Water Truck	*				1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1					
Vacuum Truck										
Dozer D6				1				:		
Dozer D8				1				1		
Excavator								1		
Grid Roller				Empl	oyee Names			1		
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Loader (Smalí)										
oader (Big)						-				
Viotor Grader										
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Pipe Traller					Mileage					
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Jtility Truck						Tax				
Skid Steer						Total	1			
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DIRT WORK TICKET N^{o}

8598 P.O. Box 878 Carlisbad, NM 88221 Office: 575-887-5827 Fax: 575-234-1572



432-557-7202 432-664-4668 www.testrucking.com

Texas 🛘
Lea, New Mex. 🛘
Eddy, New Mex.

COMPANY HOLAUZ						COMPANY F	REP Joan Le	er Kno-	-Hon
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LEASE THOMP	PRK MOUR	pills o	n Dot	An D	210	TANK			
					***************************************	***************************************		1.00	
T.C.S. REP		***************************************							
Unit Number		Time: From 1.600					To: 4:00		
	Qty.	Name	Hours	Mate	erial	•			
Foreman				Qty.	Part No.	N	laterial	Amount	Tota!
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Labor									
Labor		i							
1 Ton Truck/Trailer									
Supervisor	1	JORA	342	A 41. and				- La La Carteria	
Pickup Truck	//	F3250	3 42						
Heavy Equipment		,							
Backhoe	1	Brigatie	34		Misc. Ed	quipment	Hours	Price Hr.	Total
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Belly Dump									
Water Truck		1							
/acuum Truck		!							
Dozer D6	i i							-	
Dozer D8									******
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Grid Roller				Empl	oyee Name	es			
Vibratory Roller									· · · · · · · · · · · · · · · · · · ·
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Motor Grader									
Haul Truck				Surch	arge				
Pipe Trailer			-		Mileage				
rash Trailer						Sub Total			
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Skid Steer						Total			
Date 8-29-14	/			Cust	omer Signa	ture			

Valve Box #11 Closure Report Agave Energy Company Sec 5 T19S R25E, Eddy County, New Mexico December 5, 2014 Revised February 13, 2015

Appendix F Recommended Seed Mix

BLM Serial #: Company Reference:

Seed Mixture for LPC Sand/Shinnery Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be <u>no</u> primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law(s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

lb/acre
5lbs/A
5lbs/A
3lbs/A
6lbs/A
2lbs/A
1lbs/A

^{*}Pounds of pure live seed:

Pounds of seed \mathbf{x} percent purity \mathbf{x} percent germination = pounds pure live seed

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 20280

CONDITIONS

Operator:	OGRID:
Lucid Artesia Company	147831
201 S. Fourth Street	Action Number:
Artesia, NM 88210	20280
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date		
bbillings	None	9/7/2021		