



COMPLIANCE EVALUATION INSPECTION REPORT
FOR
UNDERGROUND STORAGE TANKS
 EPA Region 6 Federal Form

FID #:	P013NM	INSPECTION DATE(S):	05/08/2019	
FACILITY NAME:	Michaels Self-Service	Tribal Land:	Pueblo of Picuris	
Physical Address:	15066 Highway 75	Phone:	575-587-2570	
City, State, Zip:	Penasco, NM 87553	County:	Taos	
Mailing Address:	P.O. Box 250	Penasco	NM	87553
	(Address)	(City)	(State)	(Zip)
Facility Representative Title and E-mail:	Michael Pacheco, Owner/operator			
UST Operator:	Michael Pacheco	Phone:	575-587-2570	Fax:
Mailing Address:	15066 Highway 75	Penasco	NM	87553
	(Address)	(City)	(State)	(Zip)
UST Contact:	Michael Pacheco	Phone:	575-587-2570	Fax:
Mailing Address:	15066 Highway 75	Penasco	NM	87553
	(Address)	(City)	(State)	(Zip)
UST Owner:	Michael Pacheco	Phone:	575-587-2570	Fax:
Mailing Address:	15066 Highway 75	Penasco	NM	87553
	(Address)	(City)	(State)	(Zip)
Contact Name and E-mail:	Michael Pacheco, pacheco87.mp@gmail.com	Phone Number:	575-587-2570	
Facility Land Tribally Owned: Yes ☐ No ☒ Facility Privately Owned/Leased on Tribal Land: Yes ☒ No ☐				
Lead Inspector: Larry L. Thomas				
Additional Inspector(s) and Others present: Chris Hamilton, NMED PSTB; Leonard Sabatino, ENIPC OETA				
Summary of Findings and Facility Comments: Facility and land owned by Michael Pacheco, but within Pueblo of Picuris's jurisdictional boundary. No changes to equipment or facility layout, so no pictures taken and no facility diagram added.				

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Start Time (military time): 0900
End Time (military time): 1120

Compliance Performance Measures (CPM) in TCR

Overall (TCR):	☐ YES	☒ NO
Spill Prevention:	☐ YES	☒ NO
Overfill Prevention:	☒ YES	☐ NO
Corrosion Protection:	☒ YES	☐ NO
Release Detection:	☒ YES	☐ NO

Type of Inspection:

☒ CEI

☐ Follow Up

☐ Compliance Assistance

Compliance Performance Measures (CPM) Not in TCR

Operator Training:	☒ YES	☐ NO
Financial Responsibility:	☒ YES	☐ NO
Walkthroughs:	☒ YES	☐ NO

Comments:

Records well maintained, but release detection although have most records has minor issues. The larger tank was only missing a release detection record (Pass) for one month. The smaller tank did not have a Pass for 2 months; however records were available for the past 3 months for both tanks. A few were somewhat over the 30 days in between due to low fuel in the tanks.

Printed Name, Title	Larry L. Thomas, Ph.D., UST Inspector	
Inspector Signature		(Date) 05/23/2019
Peer Review by:	Christine Cherrett	(Date) 05/22/2019
Supervisors Name, Title	Robert Snowbarger	
Supervisors Signature		(Date) 5/24/19

FID #:	P013NM		INSPECTION DATE(S):	05/08/2019			
FACILITY NAME:	Michaels Self-Service		Tribal Land:	Pueblo of Picuris			
Section A Registration Requirements			Further Explanation Attached ☒				
1. Are all New and Existing Petroleum UST systems registered? (280.22(a)) Yes ☒ No ☐ N/A ☐							
2. Are all new USTs that contain regulated hazardous substances registered? ☐ Yes ☐ No ☒ N/A							
3. Please indicate the number, size, product stored, installation date, and upgrade date for all tanks at the facility?							
TANK NO.	SIZE of TANK (GALLONS)	PRODUCT STORED	TANK TYPE SW / DW	STATUS Active or TC	Compartment or Manifold	INSTALL DATE	UPGRADE DATE
1	10,000	Regular	SW Steel	Active	☐ Compartment ☐ Manifold	1979	est. 1998
2	6000	Regular	SW Steel	Active	☐ Compartment ☐ Manifold	1979	est. 1998
					☐ Compartment ☐ Manifold		
					☐ Compartment ☐ Manifold		
					☐ Compartment ☐ Manifold		
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					☐ Compartment ☐ Manifold		
					☐ Compartment ☐ Manifold		
					☐ Compartment ☐ Manifold		
					☐ Compartment ☐ Manifold		
Latitude:			Longitude:			GPS Measured At:	
Degrees: Minutes: Seconds: 36.171273			Degrees: Minutes: Seconds: -105.687561			Input Tank # fill- port. # 1	
Number of Dispenser's: 4 single sided (detail how this count was made below)							
Section A Comments: Add converted GPS measurement in Decimal Degrees Note only 3 dispensers were being used, the 4th was capped off.							

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Compliance Performance Measures (CPM) in Technical Compliance Rate (TCR)

CPM - Corrosion Protection

Section B Standards for New Underground Storage Tanks

(Tanks installed after 12/22/88)

Further Explanation in Narrative ☐
Section B Not Applicable ☒

1. Tank Construction: UST- 9c.a ☐ SW ☐ DW

a. Is each tank properly designed and constructed to prevent corrosion in any portion of the tank that routinely contains product?(280.20(a)) ☐ Yes ☐ No ☐ N/A

b. If installed after 4/11/16 is tank secondarily contained? 280.20 ☐ Yes ☐ No ☐ N/A

2. What is the corrosion protection method for the tanks? UST- 9c.a

a. Fiberglass reinforced plastic-FRP (280.20(a)(1)) ☐ Yes ☐ No ☐ N/A

b. Tank constructed of metal and cathodically protected e.g. galvanic - STI-P3, metal tank with impressed current system (280.20(a)(2)) Specify: ☐ Yes ☐ No ☐ N/A

c. Metal-fiberglass-reinforced-plastic composite (ACT-100) (280.20(a)(3)) ☐ Yes ☐ No ☐ N/A

d. Records available to document that Corrosion Protection is not necessary. (280.20(a)(4)) ☐ Yes ☐ No ☐ N/A

e. Other corrosion protection (280.20(a)(5)) Specify:

3. Have repairs been conducted on any tank? ☐ Yes ☐ No Tank #: Repair Date:

a. Were repairs to tanks conducted in accordance with accepted codes and standards? (280.33(a)) ☐ Yes ☐ No ☐ N/A

b. Were repairs to fiberglass-reinforced tanks conducted by manufacturer's authorized representatives or in accordance with accepted codes and standards? (280.33(b)) ☐ Yes ☐ No ☐ N/A

c. Were the repaired tanks tightness tested within 30 days of the completion of the repair (280.33(d)) unless inspected, monitored or otherwise tested? (280.33(d)(1, 2, 3)) ☐ Yes ☐ No ☐ N/A

Section B Comments:

Section C Upgrading Existing Tanks to New System Standards

(Tanks installed on or before 12/22/88)

Further Explanation in Narrative ☐
Section C Not Applicable ☐

1 Do the Existing Tank(s) comply with one of the following requirements: UST- 9c.a

a. Are all existing tanks upgraded to meet the standards or do they already meet the standards for New UST systems?(280.21) ☒ Yes ☐ No ☐ N/A

If yes, specify tank type: Steel tanks with impressed current

b. Are all existing tanks upgraded with cathodic protection?(280.21(b)) If yes, complete ☒ Yes ☐ No ☐ N/A

2. What method of corrosion protection is used for each tank? UST- 9c.e

a. Metal tank retrofitted with interior lining (280.21(b)(1)) Date Lining Installed: ☐ Yes ☐ No ☒ N/A

b. Is lining inspected periodically? (280.21(b)(1)(ii)) Date of Last Lining Inspection: ☐ Yes ☐ No ☒ N/A

c. Metal tank retrofitted with cathodic protection (280.21(b)(2)) Type of CP: impressed current ☒ Yes ☐ No ☐ N/A

d. If tank >10 years old when CP was added, was a tank integrity test performed? (280.21(b)(2)(i)) UST- 9c.e ☐ Yes ☐ No ☒ N/A

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Type of integrity test performed:		Date:	
e. Internal Lining combined with cathodic protection (280.21(b)(3)) If CP was not installed at same time as the lining, complete section C.2.d above. ☐ Yes ☐ No ☒ N/A			
f. Other corrosion protection. Specify: ☐ Yes ☐ No ☒ N/A			
Section C Comments:			
Section D Standards for New/Existing UST Piping System			
(Piping installed after 04/11/2016 must be secondarily contained)		Further Explanation in Narrative ☐	
(Piping installed after 12/22/88)		Section D Not Applicable ☐	
1a. For piping installed after 04/11/2016, is it secondarily contained?(280.20)		☐ Yes ☐ No ☒ N/A	
1b. For piping installed before 04/11/2016 indicate double / single wall		☐ Double Wall ☒ Single Wall	
2. Is piping that routinely contains regulated substances and is in contact with the ground or water designed, constructed, and protected to prevent corrosion? (280.20(b) new/ 280.21(c) existing)		☒ Yes ☐ No ☐ N/A	
3. What method of corrosion protection is used for the piping?		UST-9c.a	
a. Fiberglass-reinforced plastic piping -FRP (280.20(b)(1))		☒ Yes ☐ No ☐ N/A	
b. Non-metallic flexible piping (280.20(b)(4)) Type:		☐ Yes ☐ No ☒ N/A	
c. Constructed of metal and cathodically protected e.g. coated w/dielectric material, metal piping with anodes, or metal piping with impressed current system. (280.20(b)(2))		☐ Yes ☐ No ☒ N/A	
Specify:			
d. Metal piping without additional corrosion protection measures. (280.20(b)(3))		☐ Yes ☐ No ☒ N/A	
Specify:			
e. Records available to document Corrosion Protection is not necessary. (280.20(b)(3)(ii))		☐ Yes ☐ No ☒ N/A	
4. Are all metal components (flexible connectors, submersible turbine pumps) that routinely contain regulated substances and are in contact with the ground or water designed, constructed, and protected to prevent corrosion?		UST-9c.a ☒ Yes ☐ No ☐ N/A	
a. Constructed of metal and cathodically protected e.g. coated w/dielectric material, metal components protected with anodes or an impressed current system, contained in dry sumps. (280.20(b))		☒ Yes ☐ No ☐ N/A	
Specify:			
b. Metal piping components without additional corrosion protection measures. (280.20(b)(3)(ii))		☐ Yes ☐ No ☒ N/A	
Specify:			
5. Are all impact valves (shear valves) properly installed (moving parts unobstructed, shear valve properly anchored)? (NFPA 30A Chapter 6 Paragraph 3.9)		☒ Yes ☐ No ☐ N/A	
6. Have repairs been made to any piping? ☐ Yes ☒ No Associated tank #		Date of repair	
a. Were any metal pipe sections or fittings that released product replaced? (280.22(c)) ☐ Yes ☐ No ☐ N/A		b. Were fiberglass pipes and fittings repaired in accordance with manufacturer's specifications? (280.33(c)) ☐ Yes ☐ No ☐ N/A	
c. Was the repaired piping tightness tested within 30 days of the completion of the repair (280.33(d)) unless inspected, monitored or otherwise tested? (290.33(d)(1, 2, 3)) ☐ Yes ☐ No ☐ N/A		d. Was 50 percent or more of the piping replaced with DW piping during the repair? ☐ Yes ☐ No ☐ N/A	
Section D Comments:			

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Section E Spill and Overfill for New/Existing UST Systems		Further Explanation in ☒
(UST systems installed after 12/22/88 are considered new)		Narrative Section E Not Applicable ☐
1. Is each tank equipped with Spill Prevention Equipment to prevent a release of product when the transfer hose is detached from the fill pipe? (280.20(c)(1)(i); 280.20(d)) 9a.a ☒ Yes ☐ No ☐ N/A		
a. Does the spill prevention equipment have liquid tight sides and bottom (not cracked or broken)? (280.20(c)(1)(i)) UST 9a.a ☐ Yes ☒ No ☐ N/A		
b. Spill equipment construction ☐ DW ☒ SW		
c. For double walled spill buckets, is the spill prevention equipment interstitially monitored? UST 9a.b ☐ Yes ☐ No ☒ N/A		
d. If not interstitially monitored or if single wall, has the spill prevention equipment been tested within the last 3 years? (Required after 10/13/15 for new/replaced; by 10/13/18 for existing. (280.35) Date: 05-11-18 Method: hydrostatic ☒ Yes ☐ No ☐ N/A		
e. Is the spill bucket free of liquids, so that it will contain any overfill? ☒ Yes ☐ No ☐ N/A		
f. Has the spill bucket check been conducted every 30 days? (280.36(a)(1)(i)) Required by 10/13/2018 Unless exception used, explain in comments UST 9a.b ☒ Yes ☐ No ☐ N/A		
g. Has the spill prevention equipment been repaired/replaced since the previous inspection? Replace / Repair/ Test Date: 03-31-19 ☒ Yes ☐ No ☐ N/A		
2. Is each tank equipped with Overfill Prevention Equipment? (280.20(c)(1)(ii)). UST-9b.a ☒ Yes ☐ No ☐ N/A		
3. Is the Overfill Prevention Equipment designed to: UST-9b.a		
a. Automatically shut off flow to the tank when the tank is no more than 95% full? e.g. butterfly valve (280.20(c)(1)(ii)(A)) (device not tampered with or inoperable) ☒ Yes ☐ No ☐ N/A		
b. Alert transfer operator when tank is no more than 90 % full by restricting flow into the tank (ball float valve) or triggering a high-level alarm (overfill alarm)? (Is the alarm near the fill port? Does it work? If No, explain in Comments) (280.20(c)(1)(ii)(B)) ☐ Ball Float ☐ Alarm ☐ Yes ☐ No ☒ N/A		
c. Restrict the flow 30 minutes prior to overfilling or alert the operator one minute before overfilling? (280.20(c)(1)(ii)(C)) ☐ Yes ☐ No ☒ N/A		
d. If ball float valves are used, is the piping system pressurized. Ball float valves are not allowed for use on suction piping delivery systems (PEI/RP100-2005, Chapter 7.3.3 for New Systems ; PEI/RP100-2005, Chapter 7.3.3 for Existing Systems) ☐ Yes ☐ No ☒ N/A		
4. Alternative type of Spill or Overfill Prevention Equipment being used? (280.20(c)(2)ii) Specify: ☐ Yes ☐ No ☒ N/A		
5. Has the overfill equipment been tested within the past 3 years? Required after 10/13/15 for new/replacement installation, 10/13/18 for existing installations (280.35) Date: 3-29-19 ☒ Yes ☐ No ☐ N/A		
Section E Comments: Spill bucket 2 was tested and failed May 2018. The contractor attempted repair on 3-31-19, but the bucket still failed after new hydrostatic test. However, the contractor billed for the repair, but did not inform facility that spill bucket had failed. Also State of NM PSTB provided oversight of test, but had not notified facility of failure and need to replace spill bucket.		

SECTION F (installed after 4/11/2016)	
Section F Under-Dispenser Containment) (UDC) (Dispensers installed after 4/11/2016)	UST-9d.a Further Explanation in Narrative ☐ Section F Not Applicable ☒
1. For dispensers installed after 4/11/2016 (280.20(f)) or those installed after 10/18/15 with IM:	
a. Is each new dispenser at a new facility equipped with UDC?	☐ Yes ☐ No ☐ N/A
b. Is each new dispenser at an existing facility where new pipe (50% or greater) was added to connect the new dispenser to the existing system equipped with UDC?	☐ Yes ☐ No ☐ N/A
c. Is each replacement dispenser at an existing facility where piping (50% or greater) that connects the dispenser to the existing piping is replaced equipped with UDC?	☐ Yes ☐ No ☐ N/A

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2. Does each UDC sump subject to the 4/11/2016 UDC requirements or installed utilizing IM after 10/13/15 have liquid-tight sides and bottom, and is it maintained free of storm water, debris and regulated substances? (280.20(f))		☐ Yes ☐ No ☐ N/A	
3. If UDC is being used for IM, have the UDC's been tested within 3 (three) years? (Effective for new UDC 4/11/2016 and existing UDC's No Later Than 10/13/18)		☐ Yes ☐ No ☐ N/A	
Section F Comments:			
SECTION G (installed after 4-11-2016)			
Section G Submersible Turbine Pump (STP) Secondary Containment		Further Explanation in Narrative ☐	
UST 9d.a		Section G Not Applicable ☒	
1. For submersible turbine pumps installed after 4/11/16 (280.20)			
a. Is each new STP at a new facility equipped with liquid tight containment?		☐ Yes ☐ No ☐ N/A	
b. Is each new STP at an existing facility where a new pipe run was added to connect the new STP to the system equipped with liquid tight containment? (280.35(a)(1))		☐ Yes ☐ No ☐ N/A	
c. Is each replacement STP at an existing facility, where 50% or more of the piping is replaced that connects the STP to the system, equipped with liquid tight containment? (280.35(a)(1))		☐ Yes ☐ No ☐ N/A	
2. Does each STP containment sump subject to the 10/13/2015 STP Secondary Containment requirements have liquid-tight sides and bottom, and maintained free of storm water, debris, and regulated substances? (303.D.5.b)		☐ Yes ☐ No ☐ N/A	
3. Are the STP sumps used for piping Interstitial Monitoring?		☐ Yes ☐ No ☐ N/A	
4. Have STP containment sumps used for IM been tightness tested in the last 3 years (10/13/15 new, No Later Than 10/13/18 existing) UST-9d.d		☐ Yes ☐ No ☐ N/A	
Section G Comments:			
Section H Operation and Maintenance of Corrosion Protection Systems			
		Further Explanation in Narrative ☐	
		Section H Not Applicable ☐	
1. Is the corrosion protection system continuously operated and maintained to provide corrosion protection to metal components of external portions of the tanks and piping that routinely contain regulated substance and are in contact with the ground or water? (280.31(a)) UST - 9c.c		☒ Yes ☐ No ☐ N/A	
2. Are the cathodic protection systems inspected by qualified testers?(280.31(b))		☒ Yes ☐ No ☐ N/A	
3. Was the cathodic protection system tested within six months after installation? (280.31(b)(1)) Date: UST-9c.b		☐ Yes ☐ No ☒ N/A	
4. Is the system tested at least every three years? (280.31(b)(1)) Date: 05/14/2017 UST-9c.c and 9c.d		☒ Yes ☐ No ☐ N/A	
5. Does the inspection meet the requirements of a code of practice developed by a nationally recognized association? (280.31(b)(2))		☒ Yes ☐ No ☐ N/A	
6. As outlined in 280.31(b), does the facility have copies of the last two CP inspections? (280.31(d)(2))		☒ Yes ☐ No ☐ N/A	
7. If the UST system has an impressed current, is the rectifier inspected every 60 days (280.31c) UST-9c.d		☒ Yes ☐ No ☐ N/A	
8. As outlined in EPA regulations, does the facility have copies of the last three rectifier inspections? ((280.31(d)(1)) (CPM requires 2, must have last 2: UST-9c.d)		☒ Yes ☐ No ☐ N/A	

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9. Was the cathodic protection system tested within six months of a repair?(280.33(e)) 9c.b		☐ Yes ☐ No ☒ N/A	
Section H Comments:			
SOC - Release Detection			
Section I Release Detection Requirements for UST System		Further Explanation in Narrative ☒	
9d.a & 9d.b (Must have records 10 of 12 months, which includes 2 most current months)		Section I Not Applicable ☐	
1.	Does the facility perform a method of release detection? Check "No" if no release detection conducted (280.40(a))	☒ Yes ☐ No ☐ N/A	
2.	Is the method of release detection capable of detecting a release from any portion of the tank that routinely contains product? (280.40(a)(1))	☒ Yes ☐ No ☐ N/A	
3.	Is the release detection system installed, calibrated, operated, and maintained in accordance with the manufacturer's instructions including routine maintenance, etc.?(280.40(a)(2))	☒ Yes ☐ No ☐ N/A	
4.	Does the release detection system meet the performance standards outlined in 280.43 or 280.44? (Check third party certification against equipment or method present)((280.40(a)(3))	☒ Yes ☐ No ☐ N/A	
5.	Are all USTs monitored at least every 30 days for releases? (280.41 (a)).	☒ Yes ☐ No ☐ N/A	
6.	Is UST systems subject to the 4/11/16 Secondary Containment Requirements: (Interstitial Monitoring)	☐ Yes ☒ No	
a. Portions of UST system using IM: ☐ Tanks ☐ Piping ☐ Spill Buckets			
b. Are monthly records available to verify no leaks to interstice or the environment from tanks?		☐ Yes ☐ No ☐ N/A	
c. Are monthly records available to verify no leaks to interstice, sump or the environment from piping? 9d.d		☐ Yes ☐ No ☐ N/A	
7.	Has Annual testing/inspection of release detection equipment (ATG, probes/sensors, ALLD - simulating lead, vacuum/pressure guages, hand held equipment) been conducted? (280.40(a)(3) required No Later Than 10/13/18 (UST9d.c 3yr records: RD Ck& ALLD simulating leak)	☒ Yes ☐ No ☐ N/A	
Section I Comments:			
Tank1 did not have PASS for Jan 2019 and Tank 2 no PASS for May or Sept 2018.			
Section J Release Detection Record Keeping		Further Explanation in Narrative ☐	
		Section J Not Applicable ☐	
1.	As outlined in 280.34 does the facility maintain all written performance claims and documentation provided by the release detection vendor for 5 years? (280.45(a))	☒ Yes ☐ No ☐ N/A	
2.	As outlined in 280.34, does the facility maintain all monitoring results, sampling records, equipment testing, calibration and maintenance records, or leak detection equipment repair records for at least one year? (280.45(b) and (c)) Specify: ATG printouts	UST-9d.a ☒ Yes ☐ No ☐ N/A	
3.	As outlined in 280.43(c), are all tank tightness-testing records retained until the next test is conducted? ((280.45(b))	☐ Yes ☐ No ☒ N/A	
4.	As outlined in 280.34, are schedules of required calibration and maintenance for release detection equipment retained for 5 years from date of installation? ((280.45(c))	☐ Yes ☐ No ☒ N/A	
5.	Are records available to verify water levels in the tanks are checked monthly to 1/8th inch? (280.43(a)(6)) 9d.a	☒ Yes ☐ No ☐ N/A	
Section J Comments:			

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Section K Release Reporting			
			Further Explanation in Narrative ☐ Section K Not Applicable ☒
Suspected Releases		UST 9d.e	
1.	When a release detection method indicates that a release may have occurred; has the facility notified EPA/State of a suspected release? (280.40(b) and 280.50(c))	S-D4	☐ Yes ☐ No ☐ N/A
2.	Has the facility notified the department of any other suspected release (regulated substance discovered, unusual operating conditions)? (280.50(a) or (b))		☐ Yes ☐ No ☐ N/A
3.	Facility has resolved suspected releases in accordance with procedures outlined in 280.52?	S-D4	☐ Yes ☐ No ☐ N/A
Spills and Overfills			
1.	Has the facility reported, investigated, and cleaned-up any spills and overfills as required by 280.52 through 280.67		☐ Yes ☐ No ☐ N/A
Section K Comments:			
Section L Release Detection Methods for Tanks			
		9d.a	Further Explanation in Narrative ☐
(Fill out only the applicable sections, all others can remain blank)		Section L Not Applicable ☐	
☐	1. Inventory Control with Tank Tightness Testing (280.41(a)(1)) UST 9d.a INSTALLED ON or BEFORE 4/11/16		
a.	Are inputs, withdrawals, amounts in tank recorded daily or on each operating day? (280.43(a)(1))		☐ Yes ☐ No ☐ N/A
b.	Is the measuring equipment capable of measuring the level of the product over the full range of the tank's height to the nearest one-eighth of an inch? (280.43(a)(2))		☐ Yes ☐ No ☐ N/A
c.	Are inputs reconciled with delivery receipts? (280.43(a)(3))		☐ Yes ☐ No ☐ N/A
d.	Are deliveries made through a drop tube which extends to within 1 foot of bottom? (280.43(a)(4))		☐ Yes ☐ No ☐ N/A
e.	Are measurements of water level made to the nearest 1/8 inch at least once a month? (280.43(a)(6))		☐ Yes ☐ No ☐ N/A
f.	Is the TTT conducted every 5 years as required and is TTT method capable of detecting a 0.1 gal/hr leak rate from any portion of the tank routinely containing product? (280.41(a)(1))		☐ Yes ☐ No ☐ N/A
Date of Last Tank Tightness Test:			
g.	TTT conducted following the manufacturer's instructions or third party certification. (280.43(c))		☐ Yes ☐ No ☐ N/A
h.	Within the 10 year time frame for using IC/TTT? (280.41(a)(1))	Expiration Date:	☐ Yes ☐ No ☐ N/A
☐	2. Manual Tank Gauging (MTG) (tanks <2000 gal) (281.43(b)) 9d.a Deadline date:		
a.	If tank is >550 gal and < 2000 gal, is tank tightness being conducted every 5 years? (280.41(a)(1))	Date of last tank tightness test:	☐ Yes ☐ No ☐ N/A
b.	Tank size is appropriate for using MTG (280.43(b))		☐ Yes ☐ No ☐ N/A
c.	Method is being conducted properly (280.43(b)(1) through (5))		☐ Yes ☐ No ☐ N/A
d.	No liquid is added to or taken out of tank during test. (280.43(b)(1))		☐ Yes ☐ No ☐ N/A
e.	Equipment is capable of 1/8-in measurement (280.43(b)(3))		☐ Yes ☐ No ☐ N/A
f.	Within the 10 year time frame for using MTG/TTT for tanks between 550 and 2000 gallons? (280.41(a)(1))	Expiration Date:	☐ Yes ☐ No ☐ N/A

FID #:	P013NM	INSPECTION DATE(S):	05/08/2019
FACILITY NAME:	Michaels Self-Service	Tribal Land:	Pueblo of Picuris
☒ 3. Automatic Tank Gauging (ATG) (280.40(a)&280.43(d)) 9d.a INSTALLED ON or BEFORE 4/11/16			
Make and Model: Veeder Root 300C		Probe Type: Magnetostrictive	
a. Is the ATG capable of detecting a leak of 0.2 gal/hr leak rate? (280.43(d)(1))		S-D3 ☒ Yes ☐ No ☐ N/A	
b. As the sole method of release detection, the ATG must test the tank at least once per month in a manner that can detect a 0.2 gal/hr release with a pd > 0.95 and a pfa < 0.05 (280.40(a)(3))		☒ Yes ☐ No ☐ N/A S-D3	
c. The ATG will generate a hard copy which contains the following:			
i. the time and date of the test		☒ Yes ☐ No ☐ N/A	
ii. the tank identification		☒ Yes ☐ No ☐ N/A	
iii. the qualitative result either "pass" or "fail"		☒ Yes ☐ No ☐ N/A	
d. Type of test conducted		static	
☐ 4. External Release Detection Devices 9d.a INSTALLED ON or BEFORE 4/11/16			
a. General Requirements for Release Detection Devices			
i. Do the RDDs meet the general requirements for construction? (280.43(e)(1) &(6) and (f)(7)-(8))		☐ Yes ☐ No ☐ N/A	
ii. RDDs screened from 1 ft below the surface throughout the entire excavation zone? (280.43(e) & (f))		☐ Yes ☐ No ☐ N/A	
iii. Are the RDDs sealed and locked? (280.43(e)(7) and (f)(8))		☐ Yes ☐ No ☐ N/A	
iv. Are the RDDs installed in backfill? (280.43(e)(1) and 280.43(f)(2))		Type of backfill: ☐ Yes ☐ No ☐ N/A	
v. Are RDDs in the correct number and properly positioned? (280.43(e)(6) and (f)(7))		☐ Yes ☐ No ☐ N/A	
vi. Does the facility have the paperwork to confirm that the release detection method was properly assessed? (280.45(a) Required After Oct 13, 2018)		☐ Yes ☐ No ☐ N/A	
☐ b. Vapor Monitoring (280.43(e)) 9d.a INSTALLED ON or BEFORE 4/11/16			
i. Is the regulated substance (or tracer) sufficiently volatile to allow vapors to be detected by the monitoring device? (280.43(e)(2))		☐ Yes ☐ No ☐ N/A	
ii. Vapor monitoring is not affected by high ground water, rainfall, etc. (280.43(e)(3))		☐ Yes ☐ No ☐ N/A	
iii. Does background concentration in excavation zone interfere with method used? (280.43(e)(4))		☐ Yes ☐ No ☐ N/A	
iv. Is the monitoring device designed and operated to detect any significant increase in concentration above background? (280.43(e)(5))		☐ Yes ☐ No ☐ N/A	
☐ c. Groundwater Monitoring (280.43(f)) 9d.a INSTALLED ON or BEFORE 4/11/16			
i. Is regulated substance immiscible in water and have a specific gravity less than one? (280.43(f)(1))		☐ Yes ☐ No ☐ N/A	
ii. Water in the monitoring well is never more than 20 feet from the ground surface? (280.43(f)(2))		☐ Yes ☐ No ☐ N/A	
iii. Does RDD prevent migration of soils into RDD, and can regulated substance enter RDD in both low and high water conditions? (280.43(f)(3))		☐ Yes ☐ No ☐ N/A	
iv. If RDD installed in native soil, is hydraulic conductivity greater than 0.01 cm/sec? (280.43(f)(2))		☐ Yes ☐ No ☐ N/A	

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FACILITY NAME:	Michaels Self-Service		Tribal Land:	Pueblo of Picuris
v. Can continuous monitoring device or manual method detect 1/8-in of free product? (280.43(f)(6)) ☐ Yes ☐ No ☐ N/A				
☐ 5. Interstitial Monitoring (280.43(g) 9d.a REQUIRED FOR TANKS INSTALLED AFTER 4/11/16				
a. Describe the UST system which uses IM e.g. double walled tank, secondary barrier: Explain: ☐ Yes ☐ No ☐ N/A				
b. Can the method detect a release through the inner wall of the tank? (280.43(g)(1) or (3)) S-D2 ☐ Yes ☐ No ☐ N/A				
c. Continuous interstitial monitoring by an automatic leak sensing device that signals to the operator the presence of any regulated substance in the space or sump (701.A.6.a) Method: ☐ Yes ☐ No ☐ N/A				
OR				
ii. Manual interstitial monitoring every 30 days by means of a procedure capable of detecting the presence of any regulated substance in the interstitial space or sump (701.A.6.a) Specify Method: ☐ Yes ☐ No ☐ N/A				
☐ 6. Statistical Inventory Reconciliation(SIR)(280.43(h)) 9d.a For Tanks INSTALLED ON OR BEFORE 4/11/16				
a. Can the SIR method detect a release of 0.2gal/hr from any portion of the UST System that routinely contains product with a pd > 0.95 and a pfa < 0.05? (280.43(h)(1)) ☐ Yes ☐ No ☐ N/A				
b. Did the owner/operator receive the monthly report(s) from the SIR provider/vendor within the 30 day monitoring period? (280.43(h)) ☐ Yes ☐ No ☐ N/A				
c. Did the SIR analysis report include the following information:				
i. the name of the SIR provider and the name and version of the SIR method;				☐ Yes ☐ No ☐ N/A
ii. the name and address of the facility at which the analysis was performed;				☐ Yes ☐ No ☐ N/A
iii. a description of the UST system for which the analysis was performed;				☐ Yes ☐ No ☐ N/A
iv. a quantitative statement, in gallons/hr, for each UST system monitored for the month, of the leak threshold, minimum detectable leak rate, and the indicated leak rate;				☐ Yes ☐ No ☐ N/A
v. a qualitative statement of "pass," "fail," or "inconclusive" for each UST system monitored				☐ Yes ☐ No ☐ N/A
d. Method Name: _____ Version: _____				
☐ 7. Other Method: (280.43(h)) Specify Method: _____				
a. Method can detect 0.2 gal/hr leak rate or a release of 150 gal within a month; & meet the 95/5 probability requirement. (280.43(h)) OR ☐ Yes ☐ No ☐ N/A				
b. EPA has approved the method as being as effective as Tank Tightness testing, ATG, vapor monitoring, ground water monitoring, or interstitial monitoring and operator complies with any conditions imposed by the agency. (280.43(h)) ☐ Yes ☐ No ☐ N/A				
Section L Comments:				

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FACILITY NAME:	Michaels Self-Service	Tribal Land:	Pueblo of Picuris

Section M Methods of Release Detection for Piping
Is release detection performed on the UST system's piping? (280.41(b))
Check Box to the right and the appropriate piping system below: pressurized or suction.

Section M Not Applicable ☐
Further Explanation in Narrative ☐
☒ Yes ☐ No ☐ N/A

☒ **1. Pressurized Piping** **9d.a**

a. Which of the following methods of leak detection does the facility use for pressurized piping? (280.41(b)(1))

i. Automatic Line Leak Detectors (ALLD) installed (one of the following methods is required on all pressurized lines, regardless of line leak detection method used) (280.41(b)(1)(ii)) ☒ Yes ☐ No ☐ N/A

MODEL: Red Jacket

MECHANICAL ☒
ELECTRONIC ☐

1. Automatic flow restrictor, or ☒ Yes ☐ No ☐ N/A

2. Automatic shutoff, or ☐ Yes ☐ No ☒ N/A

3. Continuous audible or visual alarm ☐ Yes ☐ No ☒ N/A

4. Is a test conducted every 12 months on the line leak detector which simulates a leak according to manufacturer's requirements? (280.44(a)) Date of last test: 05/11/2018 ☒ Yes ☐ No ☐ N/A

5. Are records available for performance test for previous 2 years. (starting 10/13/18, 3 years required) **9d.c** ☒ Yes ☐ No ☐ N/A

AND 6. If Electronic, a 3gal/hr test with a PASS or other rate as specified by Manufacturer annually. (Not acceptable after 10/13/2018) ☐ Yes ☐ No ☒ N/A

ii. One other method (280.44(b)) (Only applicable if installed on or before 4/11/2016, must use IM afterwards.)

1. A line tightness test conducted every 12 months (280.44(b)); Dates of last test: 05/11/2018 ☒ Yes ☐ No ☐ N/A
9d.b

2. Is LTT method capable of detecting a 0.1 gal/hr leak rate from any portion of the piping routinely containing product? (280.44(b)) ☒ Yes ☐ No ☐ N/A

3. If Electronic, is a 0.1 test with PASS conducted annually (280.44(b)) ☐ Yes ☐ No ☒ N/A

OR

4. Monthly monitoring? (280.44(c)) Specify Type: ☐ Yes ☐ No ☒ N/A

5. If Electronic, is a 0.2 test with PASS conducted monthly (280.44(b)) ☐ Yes ☐ No ☒ N/A

REQUIRED FOR Piping INSTALLED or REPLACED (>50% TOTAL) AFTER 4/11/16

b. Is Interstitial Monitoring Secondary Containment requirements used (303.D.2.f.i), by either:

i. Continuous interstitial monitoring by an automatic leak sensing device that signals to the operator the presence of any regulated substance in the interstitial space or sump (701.B.4) ☐ Yes ☐ No ☒ N/A
Must have monthly documentation.
Specify Method:

OR

ii. Manual interstitial monitoring every 30 days by means of a procedure capable of detecting the presence of any regulated substance in the interstitial space or sump (701.B.4) ☐ Yes ☐ No ☒ N/A
Specify Method:

c. For piping subject to the 4/11/16 Secondary Containment requirements, is all piping interstitial space and/or are all sumps maintained free of water, debris, or anything that could interfere with the leak detection capabilities? (701.B.4.a) ☐ Yes ☐ No ☒ N/A

☐ **2. Suction Piping**

a. Which of the following leak detection methods does the facility use for suction piping? (280.44(b))

i. (Safe Suction) No release detection is required if piping is sloped to drain product back into tank **and** only one check valve is present and located directly below or as close as practicable to the suction pump (280.41(b)(2) - must have documentation ☐ Yes ☐ No ☐ N/A

OR ii. Line tightness test every 3 years? (280.41(b)(2)) Date of last test: ☐ Yes ☐ No ☐ N/A

OR iii. Monthly monitoring? (280.41(b)(2)) Specify Type: ☐ Yes ☐ No ☐ N/A

FID #:	P013NM	INSPECTION DATE(S):	05/08/2019
FACILITY NAME:	Michaels Self-Service	Tribal Land:	Pueblo of Picuris
Section M Comments:			
Section N Requirements for Temporary Closure (280.70)			
			Further Explanation in Narrative ☐
			Section N Not Applicable ☒
1. For UST systems in temporary closure; has the facility:			
a. If greater than 1 inch of liquids remain, is monthly release detection conducted? (280.70(a))			
Specify Type of RD performed tanks and piping:		9d.a	☐ Yes ☐ No ☐ N/A
b. If applicable, is the Cathodic Protection being maintained? (280.70(a))			
		9c.c	☐ Yes ☐ No ☐ N/A
Section N Comments:			
NON-Significant Operational Compliance Components			
Section O Temporary Closure Continued			Further Explanation in Narrative ☐
			Not Applicable ☒
1. For UST systems temporarily closed for 3 months or more, did the owner/operator:			
a. Leave vent line open and functional? (280.70(b)(1))			☐ Yes ☐ No ☐ N/A
b. Cap and secure all other lines, pump, manways, and ancillary equipment? (280.70(b)(2))			☐ Yes ☐ No ☐ N/A
c. Notify the E.P.A of the temporary closure status (UST-REG-01 form)? (280.70(b)(1))			☐ Yes ☐ No ☐ N/A
d. Perform a tank tightness test within five days after the system was brought back into service after being in temporary closure 3 months or more? (903.E)			☐ Yes ☐ No ☐ N/A
2. For any non-upgraded UST system that has been temporarily closed for more than 12 months, has the owner/operator permanently closed the system? ((280.70(c))			☐ Yes ☐ No ☐ N/A
Section O Comments:			
Section P Additional Paperwork Requirements			Not Applicable ☐
			Further Explanation in Narrative ☐
1. Is the information on the Notice of Registration form current and accurate? (280.22))			☒ Yes ☐ No ☐ N/A
2. Has an amended Registration form been submitted within 30 days of acquiring a UST? (280.22))			☐ Yes ☐ No ☒ N/A
3. Is a copy of the current registration form kept on-site or at the nearest staffed facility? (Not Required.)			☒ Yes ☐ No ☐ N/A
4. Has the owner/operator submitted the following information to the department:			
a. Registration form for all UST systems, including installation certification and installer verification for new tank systems (280.22)			☐ Yes ☐ No ☒ N/A
b. Reports of all releases, suspected releases, spills and overfills, and confirmed releases (280.34(a)(2)) 9c.e			☐ Yes ☐ No ☒ N/A

FID #:	P013NM	INSPECTION DATE(S):	05/08/2019
FACILITY NAME:	Michaels Self-Service	Tribal Land:	Pueblo of Picuris
c. Descriptions of corrective action plans, site characterizations, free product removal investigation of soil and groundwater cleanup, and corrective action plan (280.34(a)(3))		☐ Yes ☐ No ☒ N/A	
d. Notification before permanent closure or change-in-service (280.34(a)(5) & .71(a))		☐ Yes ☐ No ☒ N/A	
e. If new ownership, has a notification of ownership change been submitted within 30 days of acquiring a UST? (280.22(b))		☐ Yes ☐ No ☒ N/A	
f. Has notification of a change of storage to regulated substances blended with greater than 10% ethanol or greater than 20% biodiesel been provided to agency 30 days before beginning storage? (280.32(b))		☐ Yes ☐ No ☒ N/A	
5. Has the owner/operator maintained the following documents:			
a. Results of site assessment conducted at permanent closure (280.34(a)(5))		☐ Yes ☐ No ☒ N/A	
b. Documentation of UST system repairs (280.34(b)(3))		☒ Yes ☐ No ☐ N/A	
c. Documentation of the type and construction of the tanks, piping, leak detection equipment, corrosion protection equipment, and spill and overfill protection equipment?		☐ Yes ☐ No ☒ N/A	
d. Assessment of suitability for groundwater or vapor monitoring as release detection method. Retain while in use. (Copy of assessment must be available as of 10/13/18) (280.45(a))		☐ Yes ☐ No ☒ N/A	
e. Three year testing of release prevention equipment and containment sumps, and inspection and/or testing (ball floats, and overfill protection devices). Retain for three years. (280.35(c)(1)) <u>UST-/9a.b/9b.b/9d.c/9d.d</u>		☒ Yes ☐ No ☐ N/A	
f. Annual testing of release detection equipment. Retain for 3 years. (280.45(b)(1) 9d.a		☒ Yes ☐ No ☐ N/A	
g. Checklists for Monthly walk thru inspections. Checklists contain dates, findings and actions taken. Retain for 1 year. 280.36(b) <u>UST '12</u>		☒ Yes ☐ No ☐ N/A	
h. Annual walk thru insp. checklists for sumps/equip. Retain 1 year. 280.36(b) <u>UST-12</u>		☒ Yes ☐ No ☐ N/A	
6. Was the facility able to provide the records in a timely fashion as required by the inspector? (280.34(c))		☒ Yes ☐ No ☐ N/A	
Section P Comments:			
Section Q General Requirements			
			Not Applicable ☐
			Further Explanation in Narrative ☐
1. Are the products being stored compatible with the materials or liner in the UST system? (280.32)		☒ Yes ☐ No ☐ N/A	
2. Documentation of compatibility for fuel with >10% ethanol, >20% biodiesel, or another fuel designation by implementing agency. Retain as long as fuel is used. (280.32(b)(2))		☐ Yes ☐ No ☒ N/A	
Section Q Comments:			
Section R Financial Responsibility			
			Not Applicable ☐
			Further Explanation in Narrative ☐
1. Can the owner/operators demonstrate financial responsibility for taking corrective action, including 3 rd party liability? i.e: how is he going to pay for the cleanup of a release? (280.94 -280.99)Records - 280.111 What type of financial responsibility is used? Explain: commercial		☒ Yes ☐ No ☐ N/A	
2. If Insurance, list company and contact: Great American Alliance		Policy Number: 9987052	
3. Insurance Mailing Address: 1600 West seventh street, Fort Worth, TX 76102			
Contact Number:		E-mail:	
Effective Date of Coverage: 6-1-18		Expiration Date on Policy: 6-1-19	
Retroactive Date:	Confirmed Released Policy: ☒	Suspected Release Policy: ☐	

FID #:	P013NM	INSPECTION DATE(S):	05/08/2019
FACILITY NAME:	Michaels Self-Service	Tribal Land:	Pueblo of Picuris
4. Financial Assurance Documentaion a. Copy of Signed Certification of Financial Responsibility available and current. ☒ Yes ☐ No ☐ N/A b. Copy of signed Certificate of Insurance or Endorsement. ☒ Yes ☐ No ☐ N/A			
Section R Comments: 			
Section S Physical Documents Obtained Not Applicable ☒ Further Explanation in Narrative ☐			
If any documents, printouts or other materials were obtained from the facility, owner or operator explain below what was obtained and add to Inspection Packect and document in attachments. Section S Comments: 			
Section T Additional Comments Not Applicable ☐			
Missing Release Detection records 1 month for tank 1 and 2 months for tank 2 as noted earlier in this report. Review of bill from contractor for repair of spill bucket, only noted that the spill bucket was repaired and did not mention the fact that a hydrostatic test ran after the repair showed that the spill bucket was not tight and needed replacing.			

FID #:	P013NM	INSPECTION DATE(S):		05/08/2019	
FACILITY NAME:	Michaels Self-Service	Tribal Land:	Pueblo of Picuris		
Operator Training					
DESIGNATED CLASS A AND CLASS B UST OPERATORS FOR THIS FACILITY: <u>UST -10</u> ☐ N/A					
Class A UST Operator:	Michael Pacheco	Phone:		Date Certified:	9/20/18
Mailing Address:	EPA test				
	(Address)		(City)	(State)	(Zip)
Class B UST Operator:	Michael Pacheco	Phone:		Date Certified:	03/28/19
Mailing Address:	EPA Test				
	(Address)		(City)	(State)	(Zip)
Class C UST Operator:	Jenn McIntosh	Phone:		Date Certified:	4/18/19
Mailing Address:	Trained by Class A				
	(Address)		(City)	(State)	(Zip)
Class C UST Operator:		Phone:		Date Certified:	
Mailing Address:					
	(Address)		(City)	(State)	(Zip)
Comments on Operator Training:					
Have additional class A: Louis McIntosh 09/20/2018 and a number of other Class C operators.					

Digital Image Log

FID #:	P013NM		INSPECTION DATE(S):	05/08/2019
FACILITY NAME:	Michaels Self-Service		Camera type and ID	No pictures

Image #	File #	Date ###/###/####	Time	AM / PM	Orientation N/E/S/W/Down	Photographer	Description
1				AM ☐ PM ☐			None Taken
2				AM ☐ PM ☐			
3				AM ☐ PM ☐			
4				AM ☐ PM ☐			
5				AM ☐ PM ☐			
6				AM ☐ PM ☐			
7				AM ☐ PM ☐			
8				AM ☐ PM ☐			
9				AM ☐ PM ☐			
10				AM ☐ PM ☐			
11				AM ☐ PM ☐			
12				AM ☐ PM ☐			
13				AM ☐ PM ☐			
14				AM ☐ PM ☐			

I certify that the digital images for this inspection were taken and archived according to EPA standard operating procedures and protocols. The digital images have not been altered and are a fair and accurate representation of observations made during the inspection.

I certify that the digital media has been in my possession throughout the inspection trip and that I transferred the digital images to a CD-R. ☐ Yes ☐ No

Inspector: _____

Inspector Signature:_____

FID #:	P013NM		INSPECTION DATE(S):	05/08/2019
FACILITY NAME:	Michaels Self-Service	Tribal Land:	Pueblo of Picuris	

Inspection Packet

- ☒ A0: Final Inspection Report
- ☐ A1: Facility Diagram Attachment
- ☐ A2: Digital Images Attachment
- ☒ A3: Observation Report
- ☐ A4:



THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
UST/SOLID WASTE SECTION (6MM-XE) *CLCRPU*
1445 ROSS AVENUE
DALLAS, TX 75202-2733
Tel: 214-665 - 8344
FAX: 214-665-7263

Attn: Larry L. Thomas, Ph.D., UST Inspector

INSPECTOR OBSERVATION REPORT
FOR INDIAN COUNTRY UST SYSTEMS

OWNER AND/OR OPERATOR		FACILITY	
NAME: Michael Pacheco		NAME: Michaels Self-Service	FID# P013NM
ADDRESS: 15066 Highway 75		ADDRESS: 15066 Highway 75	
CITY,STATE,ZIP: Penasco NM 87553		CITY,STATE,ZIP: Penasco, NM 87553	
CONTACT PERSON: Michael Pacheco		PERSON(s) PRESENT: Michael Pacheco	
TEL: 575-587-2570	EMAIL:	TEL:	EMAIL:

☐ No deficiencies observed at the conclusion of this inspection.

☒ The above named facility was inspected by a duly authorized representative of the United States Environmental Protection Agency (EPA). The following are the inspector's observations and/or recommended actions, with milestones to be met:

Spill bucket closest to dispensers needs to be replaced. Need to replace and provide documentation within 30 days.

On leak detection need to ensure that a PASS is obtained each month. Ensure adequate fuel is available for PASS.

You can fax the documents to (214) 665-7263 Attn: Larry L. Thomas, Ph.D., UST Inspector If you have any questions at all, please contact me at thomas.larry@epa.gov or you can call me at (214) 665 - 8344 .

Name of Owner/Operator representative:

Michael Pacheco
(Please print)
Michael Pacheco
(Signature)

Name of EPA Representative:

Larry L. Thomas, Ph.D., UST Inspector
(Please Print)
Larry L. Thomas
(Signature)

Date of Inspection: 05/08/2019

Start Time: 09:00 (Military Time)
Completion Time: 11:20 (Military Time)