

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

State of New Mexico  
Energy Minerals and Natural  
Resources Department

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

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

Incident ID	NRM2004152170
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party: Colgate Operating, LLC	OGRID: 371449
Contact Name: Mikah Thomas	Contact Telephone: 432-695-4222
Contact email: <a href="mailto:mthomas@colgateenergy.com">mthomas@colgateenergy.com</a>	Incident # (assigned by OCD)
Contact mailing address: 303 West Wall Street, Suite 700 Midland, Tx 79701	

### Location of Release Source

Latitude 32.6088829 Longitude -104.0424271  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Parkway Delaware Unit #601	Site Type: Injection Well Location
Date Release Discovered: May 21, 2019	API# (if applicable) 30-015-26433

Unit Letter	Section	Township	Range	County
B	02	20S	29E	Eddy

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 15 bbls	Volume Recovered (bbls) 15 bbls
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

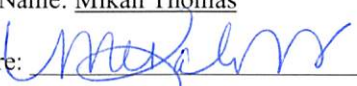
Cause of Release: The spill/release was a result of an injection line leak.

Incident ID	NRM2004152170
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

### Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
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: <u>Mikah Thomas</u>	Title: <u>Operations Tech</u>
Signature: 	Date: <u>02.07.2020</u>
email: <u>mthomas@colgateenergy.com</u>	Telephone: <u>432-695-4222</u>
<b><u>OCD Only</u></b>	
Received by: <u>Ramona Marcus</u>	Date: <u>2/10/2020</u>

Form C-141

State of New Mexico

Page 3

Oil Conservation Division

Incident ID	NRM2004152170
District RP	
Facility ID	
Application ID	

Incident ID	NRM2004152170
District RP	
Facility ID	
Application ID	

## 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?	<u>200</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within 1/2-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.



Form C-141


State of New Mexico

Page 5

Oil Conservation Division

Incident ID	NRM2004152170
District RP	
Facility ID	
Application ID	

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: Mikah ThomasTitle: Operations TechSignature: Date: February 7, 2020email: [mthomas@colgateenergy.com](mailto:mthomas@colgateenergy.com)Telephone: 432-695-4272**OCD Only**Received by: Ramona MarcusDate: 2/10/2020

Incident ID	NRM2004152170
District RP	
Facility ID	
Application ID	

## 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: Mikah ThomasTitle: Operations TechSignature: Date: February 7, 2020email: [mthomas@colgateenergy.com](mailto:mthomas@colgateenergy.com)Telephone: 432-695-4727**OCD Only**Received by: Ramona Marcus Date: 2/10/2020

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

NRM2004152170

***Colgate Energy Co.***  
***(Located Eddy County, New Mexico)***  
***(Parkway Delaware Unit # 601***  
***UL-B, Sec. 2, T20S, R29E)***

# ***Spill/Release Delineation Report***

***Presented to:***

***Colgate Energy Co.***  
***306 W Wall St. Suite 500***  
***Midland, Texas 79701***

***Prepared by:***

***Phoenix Environmental, LLC.***  
***P.O. Box 1856***  
***Hobbs, New Mexico 88240***



## **Summary/Overview**

Phoenix Environmental LLC was contacted by Mr. Casey McCain with Colgate Energy Co. to Delineate a spill/release site located at the Parkway Delaware Unit # 601. The site is located in UL-B Sec 2, T20S, R29E of Eddy County New Mexico the spill/release site associated with this well has a GPS reading of 32.610557-N 104.042278-W. The spill/release was a result of a injection line leak that released an unknown amount of produced water and hydrocarbons that pooled up about 100' just south of the line failure. It was noted that this release was on top of an old spill at the site.

It is our understanding that any potential contamination from the site was the result of activities associated with the production of oil and gas. The potential contaminates of concern are mid to high level concentration of produced water and hydrocarbon liquid that was lost from the injection line failure and was absorbed by the near surface soils.

The NMOCD regulates the remediation and disposal of non-domestic wastes resulting from the Oil and Gas Industry. In addition, the NMOCD administers all Water Quality Act regulations pertaining to the surface and ground water except sewage for the oil and gas industry. This authority includes the disposition of non-domestic, non-hazardous wastes at Oil and Gas facilities.

The lands primary use is domestic pasture for ranching and the production of oil and gas. The ground water depth data available for this section from the states engineer's office shows if any the depth to ground water would be in the 200'+/- BGS.

Please find in the following the delineation data from the spill/release site.





## **Chronology and Delineation Data**

On 9-24-2019 Phoenix Environmental mobilized to the site a backhoe to start the site delineation to find the vertical depth of the release. At the site there was 22,668sq' of surface soils that were affected from the release. The backhoe was utilized to excavate test holes across the spill/release area.

1. Test hole #1 was located in the center of the area where the release pooled up. Soil samples were taken from surface, 2', 5' and 7'.
2. Test hole #2 was located on the south edge of the pool area, soil samples were taken at surface, 2' and 5'.
3. Test hole #3 was located on the east edge of the pool area, soil samples were taken at surface, 2' and 5'.
4. Test hole #4 was located on the west edge of the pool area, soil samples were taken at surface, 2' and 5'.
5. Test hole #5 was located on the north edge of the pool area, soil samples were taken at surface, 2' and 5'.
6. Test hole #6 was located about 15' east of the injection line part and in the center of the run-down area, soil samples were taken at surface, 2' and 5'.

All of the samples were taken to a third-party lab. At the lab the soil samples were tested for BTEX, TPH and CL. All of the lab analysis is attached.

Phoenix reviewed the lab analysis form this first round of site delineation work and they showed that the BTEX was non detect and the TPH was clean at 2' but the CL chlorides were high. With this first round of testing we were unable to find the vertical depth of the CL impact. Phoenix recommends that more test will be required to find the vertical depth of the CL impact.





## **Chronology and Delineation Data**

On 11-5-2019 Phoenix Environmental was back on location with a backhoe to try and find the vertical depth of the CL impact.

1. Test hole #1 was located in the center of the area where the release pooled up. Soil samples were taken from 9', 11', 13' and 15'.
2. Test hole #2 was located on the south edge of the pool area, soil samples were taken at 7', 9' and 11'.
3. Test hole #3 was located on the east edge of the pool area, soil samples were taken at 7', 9' and 11'.
4. Test hole #4 was located on the west edge of the pool area, soil samples were taken at 7', 9' and 11'.
5. Test hole #5 was located on the north edge of the pool area, soil samples were taken at 7', 9' and 11'.
6. Test hole #6 was located about 15' east of the injection line part and in the center of the run-down area, soil samples were taken at 7', 9' and 11'.

The samples taken from this round of testing were only tested for CL Chlorides due to the fact that all BTEX and TPH are ND at this point. All lab analysis is attached.

Phoenix reviewed the lab analysis and noted two things. First analysis confirms that this is a new release on top of a old release due to the fact that the CL levels were coming down and then started to climb back up. Second was that the vertical impact of the CL was not found in this round of testing. Phoenix would recommend that we get a drilling rig out to the site, due to the fact we have reached the excavation max depth limit for a backhoe.



## **Chronology and Delineation Data**

On 12-17-2019 Phoenix Environmental was back on location with a drill rig to finish finding the vertical depth of the CL impact.

1. Test hole #1 was located in the center of the area where the release pooled up. Soil samples were taken from 20', 25', 30', 35' and 40'.
2. Test hole #2 was located on the south edge of the pool area, soil samples were taken at 20', 25' and 30'.
3. Test hole #3 was located on the east edge of the pool area, soil samples were taken at 20', 25' and 30'.
4. Test hole #4 was located on the west edge of the pool area, soil samples were taken at 20', 25' and 30'.
5. Test hole #5 was located on the north edge of the pool area, soil samples were taken at 20', 25' and 30'.
6. Test hole #6 was located about 15' east of the injection line part and in the center of the run-down area, soil samples were taken at 20', 25' and 30'.

The samples taken from this round of testing were only tested for CL Chlorides due to the fact that all BTEX and TPH are ND at this point. All lab analysis is attached.

Phoenix reviewed the lab analysis and it was noted that the vertical depth of the CL impact was found to be clean or below 1,000ppm. 35' BGS.

## **Site Delineation Summary**

1. There is 22,668sq' of surface area that has been impacted from this spill/release.





# Untitled Map

Write a description for your map.

**Legend**

 Feature 1

Colgate Parkway 601

PDU-601 spill site



3 mi







# Untitled Map

Write a description for your map.

Legend

 Feature 1

 PDU 601 spill site

Colgate Parkway 601 

Google Earth

1000 ft





# **First Round Sampling**

## **Lab Analysis**

9-24-2019 utilizing a backhoe to define vertical  
Depth of impact from Spill/Release  
Samples were taken from Surface, 2', 5' and 7'

## **Results from samples**

## **Vertical depth not found**







PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received: 10/01/2019  
 Reported: 10/02/2019  
 Project Name: PARKWAY DELAWARE UNIT PDU601  
 Project Number: NONE GIVEN  
 Project Location: COLGATE ENERGY - EDDY CO NM

Sampling Date: 09/26/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: TEST HOLE # 1 @ SURFACE (H903346-01)**

BTEX 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2019	ND	1.95	97.3	2.00	1.38	
Toluene*	<0.050	0.050	10/01/2019	ND	1.86	92.8	2.00	0.369	
Ethylbenzene*	<0.050	0.050	10/01/2019	ND	1.84	92.2	2.00	0.260	
Total Xylenes*	<0.150	0.150	10/01/2019	ND	5.72	95.3	6.00	1.91	
Total BTEX	<0.300	0.300	10/01/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 80.1 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12000	16.0	10/02/2019	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<100	100	10/01/2019	ND	213	106	200	8.86	
DRO >C10-C28*	26900	100	10/01/2019	ND	214	107	200	4.43	
EXT DRO >C28-C36	9800	100	10/01/2019	ND					

Surrogate: 1-Chlorooctane 95.3 % 41-142

Surrogate: 1-Chlorooctadecane 133 % 37.6-147

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received: 10/01/2019  
 Reported: 10/02/2019  
 Project Name: PARKWAY DELAWARE UNIT PDU601  
 Project Number: NONE GIVEN  
 Project Location: COLGATE ENERGY - EDDY CO NM

Sampling Date: 09/26/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: TEST HOLE # 1 @ 2' (H903346-02)**

BTEX 8021B		mg/kg	Analyzed By: BF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2019	ND	1.95	97.3	2.00	1.38	
Toluene*	<0.050	0.050	10/01/2019	ND	1.86	92.8	2.00	0.369	
Ethylbenzene*	<0.050	0.050	10/01/2019	ND	1.84	92.2	2.00	0.260	
Total Xylenes*	<0.150	0.150	10/01/2019	ND	5.72	95.3	6.00	1.91	
Total BTEX	<0.300	0.300	10/01/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 85.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11000	16.0	10/02/2019	ND	400	100	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2019	ND	213	106	200	8.86	
DRO >C10-C28*	<10.0	10.0	10/01/2019	ND	214	107	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	10/01/2019	ND					

Surrogate: 1-Chlorooctane 84.7 % 41-142

Surrogate: 1-Chlorooctadecane 91.2 % 37.6-147

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celest D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received: 10/01/2019  
 Reported: 10/02/2019  
 Project Name: PARKWAY DELAWARE UNIT PDU601  
 Project Number: NONE GIVEN  
 Project Location: COLGATE ENERGY - EDDY CO NM

Sampling Date: 09/26/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: TEST HOLE # 1 @ 5' (H903346-03)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>12400</b>	16.0	10/02/2019	ND	400	100	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2019	ND	213	106	200	8.86	
DRO >C10-C28*	<10.0	10.0	10/01/2019	ND	214	107	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	10/01/2019	ND					
Surrogate: 1-Chlorooctane	87.8 %	41-142							
Surrogate: 1-Chlorooctadecane	93.9 %	37.6-147							

**Sample ID: TEST HOLE # 1 @ 7' (H903346-04)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>12000</b>	16.0	10/02/2019	ND	400	100	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2019	ND	213	106	200	8.86	
DRO >C10-C28*	<10.0	10.0	10/01/2019	ND	214	107	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	10/01/2019	ND					
Surrogate: 1-Chlorooctane	88.3 %	41-142							
Surrogate: 1-Chlorooctadecane	92.5 %	37.6-147							

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received:	10/01/2019	Sampling Date:	09/26/2019
Reported:	10/02/2019	Sampling Type:	Soil
Project Name:	PARKWAY DELAWARE UNIT PDU601	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	COLGATE ENERGY - EDDY CO NM		

**Sample ID: TEST HOLE # 2 @ SURFACE (H903346-05)**

BTEX 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2019	ND	1.95	97.3	2.00	1.38	
Toluene*	<0.050	0.050	10/01/2019	ND	1.86	92.8	2.00	0.369	
Ethylbenzene*	<0.050	0.050	10/01/2019	ND	1.84	92.2	2.00	0.260	
Total Xylenes*	<0.150	0.150	10/01/2019	ND	5.72	95.3	6.00	1.91	
Total BTEX	<0.300	0.300	10/01/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 85.0 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	24000	16.0	10/02/2019	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2019	ND	213	106	200	8.86	
DRO >C10-C28*	10.5	10.0	10/01/2019	ND	214	107	200	4.43	
EXT DRO >C28-C36	10.8	10.0	10/01/2019	ND					

Surrogate: 1-Chlorooctane 87.8 % 41-142

Surrogate: 1-Chlorooctadecane 93.3 % 37.6-147

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received: 10/01/2019  
 Reported: 10/02/2019  
 Project Name: PARKWAY DELAWARE UNIT PDU601  
 Project Number: NONE GIVEN  
 Project Location: COLGATE ENERGY - EDDY CO NM

Sampling Date: 09/26/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: TEST HOLE # 2 @ 2' (H903346-06)****BTEX 8021B**

mg/kg

Analyzed By: BF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2019	ND	1.95	97.3	2.00	1.38	
Toluene*	<0.050	0.050	10/01/2019	ND	1.86	92.8	2.00	0.369	
Ethylbenzene*	<0.050	0.050	10/01/2019	ND	1.84	92.2	2.00	0.260	
Total Xylenes*	<0.150	0.150	10/01/2019	ND	5.72	95.3	6.00	1.91	
Total BTEX	<0.300	0.300	10/01/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 87.3 % 73.3-129

**Chloride, SM4500Cl-B**

mg/kg

Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>12600</b>	16.0	10/02/2019	ND	400	100	400	0.00	

**TPH 8015M**

mg/kg

Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2019	ND	213	106	200	8.86	
DRO >C10-C28*	<10.0	10.0	10/01/2019	ND	214	107	200	4.43	
<b>EXT DRO &gt;C28-C36</b>	<b>10.7</b>	10.0	10/01/2019	ND					

Surrogate: 1-Chlorooctane 91.1 % 41-142

Surrogate: 1-Chlorooctadecane 97.3 % 37.6-147

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received: 10/01/2019  
 Reported: 10/02/2019  
 Project Name: PARKWAY DELAWARE UNIT PDU601  
 Project Number: NONE GIVEN  
 Project Location: COLGATE ENERGY - EDDY CO NM

Sampling Date: 09/26/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: TEST HOLE # 2 @ 5' (H903346-07)****Chloride, SM4500CI-B****mg/kg****Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>13400</b>	16.0	10/02/2019	ND	400	100	400	0.00	

**TPH 8015M****mg/kg****Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2019	ND	213	106	200	8.86	
DRO >C10-C28*	<10.0	10.0	10/01/2019	ND	214	107	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	10/01/2019	ND					

Surrogate: 1-Chlorooctane 86.4 % 41-142

Surrogate: 1-Chlorooctadecane 92.7 % 37.6-147

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Caley D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received: 10/01/2019  
 Reported: 10/02/2019  
 Project Name: PARKWAY DELAWARE UNIT PDU601  
 Project Number: NONE GIVEN  
 Project Location: COLGATE ENERGY - EDDY CO NM

Sampling Date: 09/26/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: TEST HOLE # 3 @ SURFACE (H903346-08)**

BTEX 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2019	ND	1.95	97.3	2.00	1.38	
Toluene*	<0.050	0.050	10/01/2019	ND	1.86	92.8	2.00	0.369	
Ethylbenzene*	<0.050	0.050	10/01/2019	ND	1.84	92.2	2.00	0.260	
Total Xylenes*	<0.150	0.150	10/01/2019	ND	5.72	95.3	6.00	1.91	
Total BTEX	<0.300	0.300	10/01/2019	ND					

Surrogate: 4-Bromofluorobenzene (PII) 86.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	37600	16.0	10/02/2019	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2019	ND	213	106	200	8.86	
DRO >C10-C28*	118	10.0	10/01/2019	ND	214	107	200	4.43	
EXT DRO >C28-C36	58.0	10.0	10/01/2019	ND					

Surrogate: 1-Chlorooctane 88.4 % 41-142

Surrogate: 1-Chlorooctadecane 102 % 37.6-147

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received: 10/01/2019  
 Reported: 10/02/2019  
 Project Name: PARKWAY DELAWARE UNIT PDU601  
 Project Number: NONE GIVEN  
 Project Location: COLGATE ENERGY - EDDY CO NM

Sampling Date: 09/26/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: TEST HOLE # 3 @ 2' (H903346-09)**

BTX 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2019	ND	1.95	97.3	2.00	1.38	
Toluene*	<0.050	0.050	10/01/2019	ND	1.86	92.8	2.00	0.369	
Ethylbenzene*	<0.050	0.050	10/01/2019	ND	1.84	92.2	2.00	0.260	
Total Xylenes*	<0.150	0.150	10/01/2019	ND	5.72	95.3	6.00	1.91	
Total BTX	<0.300	0.300	10/01/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 86.4 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16000	16.0	10/02/2019	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2019	ND	213	106	200	8.86	
DRO >C10-C28*	<10.0	10.0	10/01/2019	ND	214	107	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	10/01/2019	ND					

Surrogate: 1-Chlorooctane 87.3 % 41-142

Surrogate: 1-Chlorooctadecane 93.1 % 37.6-147

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received: 10/01/2019  
 Reported: 10/02/2019  
 Project Name: PARKWAY DELAWARE UNIT PDU601  
 Project Number: NONE GIVEN  
 Project Location: COLGATE ENERGY - EDDY CO NM

Sampling Date: 09/26/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: TEST HOLE # 3 @ 5' (H903346-10)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>12600</b>	16.0	10/02/2019	ND	400	100	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2019	ND	213	106	200	8.86	
DRO >C10-C28*	<10.0	10.0	10/01/2019	ND	214	107	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	10/01/2019	ND					
Surrogate: 1-Chlorooctane	86.7 %	41-142							
Surrogate: 1-Chlorooctadecane	91.2 %	37.6-147							

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received: 10/01/2019  
 Reported: 10/02/2019  
 Project Name: PARKWAY DELAWARE UNIT PDU601  
 Project Number: NONE GIVEN  
 Project Location: COLGATE ENERGY - EDDY CO NM

Sampling Date: 09/26/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: TEST HOLE # 4 @ SURFACE (H903346-11)****BTEX 8021B**

mg/kg

Analyzed By: BF

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2019	ND	1.95	97.3	2.00	1.38	
Toluene*	<0.050	0.050	10/01/2019	ND	1.86	92.8	2.00	0.369	
Ethylbenzene*	<0.050	0.050	10/01/2019	ND	1.84	92.2	2.00	0.260	
Total Xylenes*	<0.150	0.150	10/01/2019	ND	5.72	95.3	6.00	1.91	
Total BTEX	<0.300	0.300	10/01/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 84.7 % 73.3-129

**Chloride, SM4500Cl-B**

mg/kg

Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>36800</b>	16.0	10/02/2019	ND	400	100	400	0.00	

**TPH 8015M**

mg/kg

Analyzed By: MS

S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	10/01/2019	ND	213	106	200	8.86	
<b>DRO &gt;C10-C28*</b>	<b>9380</b>	50.0	10/01/2019	ND	214	107	200	4.43	
<b>EXT DRO &gt;C28-C36</b>	<b>4310</b>	50.0	10/01/2019	ND					

Surrogate: 1-Chlorooctane 83.6 % 41-142

Surrogate: 1-Chlorooctadecane 524 % 37.6-147

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received: 10/01/2019  
 Reported: 10/02/2019  
 Project Name: PARKWAY DELAWARE UNIT PDU601  
 Project Number: NONE GIVEN  
 Project Location: COLGATE ENERGY - EDDY CO NM

Sampling Date: 09/26/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: TEST HOLE # 4 @ 2' (H903346-12)**

BTEX 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2019	ND	1.95	97.3	2.00	1.38	
Toluene*	<0.050	0.050	10/01/2019	ND	1.86	92.8	2.00	0.369	
Ethylbenzene*	<0.050	0.050	10/01/2019	ND	1.84	92.2	2.00	0.260	
Total Xylenes*	<0.150	0.150	10/01/2019	ND	5.72	95.3	6.00	1.91	
Total BTEX	<0.300	0.300	10/01/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 88.5 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12400	16.0	10/02/2019	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2019	ND	213	106	200	8.86	
DRO >C10-C28*	<10.0	10.0	10/01/2019	ND	214	107	200	4.43	
EXT DRO >C28-C36	11.1	10.0	10/01/2019	ND					

Surrogate: 1-Chlorooctane 85.3 % 41-142

Surrogate: 1-Chlorooctadecane 89.5 % 37.6-147

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received: 10/01/2019  
 Reported: 10/02/2019  
 Project Name: PARKWAY DELAWARE UNIT PDU601  
 Project Number: NONE GIVEN  
 Project Location: COLGATE ENERGY - EDDY CO NM

Sampling Date: 09/26/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: TEST HOLE # 4 @ 5' (H903346-13)**

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12200	16.0	10/02/2019	ND	400	100	400	0.00		
TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/01/2019	ND	213	106	200	8.86		
DRO >C10-C28*	<10.0	10.0	10/01/2019	ND	214	107	200	4.43		
EXT DRO >C28-C36	<10.0	10.0	10/01/2019	ND						
Surrogate: 1-Chlorooctane	82.5 %	41-142								
Surrogate: 1-Chlorooctadecane	87.2 %	37.6-147								

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received: 10/01/2019  
 Reported: 10/02/2019  
 Project Name: PARKWAY DELAWARE UNIT PDU601  
 Project Number: NONE GIVEN  
 Project Location: COLGATE ENERGY - EDDY CO NM

Sampling Date: 09/26/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: TEST HOLE # 5 @ SURFACE (H903346-14)**

BTX 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2019	ND	1.95	97.3	2.00	1.38	
Toluene*	<0.050	0.050	10/01/2019	ND	1.86	92.8	2.00	0.369	
Ethylbenzene*	<0.050	0.050	10/01/2019	ND	1.84	92.2	2.00	0.260	
Total Xylenes*	<0.150	0.150	10/01/2019	ND	5.72	95.3	6.00	1.91	
Total BTX	<0.300	0.300	10/01/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 85.1 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16000	16.0	10/02/2019	ND	416	104	400	3.77	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	10/01/2019	ND	213	106	200	8.86	
DRO >C10-C28*	6780	50.0	10/01/2019	ND	214	107	200	4.43	
EXT DRO >C28-C36	2290	50.0	10/01/2019	ND					

Surrogate: 1-Chlorooctane 90.0 % 41-142

Surrogate: 1-Chlorooctadecane 434 % 37.6-147

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received: 10/01/2019  
 Reported: 10/02/2019  
 Project Name: PARKWAY DELAWARE UNIT PDU601  
 Project Number: NONE GIVEN  
 Project Location: COLGATE ENERGY - EDDY CO NM

Sampling Date: 09/26/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: TEST HOLE # 5 @ 2' (H903346-15)**

BTEX 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2019	ND	1.95	97.3	2.00	1.38	
Toluene*	<0.050	0.050	10/01/2019	ND	1.86	92.8	2.00	0.369	
Ethylbenzene*	<0.050	0.050	10/01/2019	ND	1.84	92.2	2.00	0.260	
Total Xylenes*	<0.150	0.150	10/01/2019	ND	5.72	95.3	6.00	1.91	
Total BTEX	<0.300	0.300	10/01/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 83.4 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9060	16.0	10/02/2019	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2019	ND	213	106	200	8.86	
DRO >C10-C28*	<10.0	10.0	10/01/2019	ND	214	107	200	4.43	
EXT DRO >C28-C36	10.9	10.0	10/01/2019	ND					

Surrogate: 1-Chlorooctane 84.7 % 41-142

Surrogate: 1-Chlorooctadecane 90.4 % 37.6-147

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received: 10/01/2019  
 Reported: 10/02/2019  
 Project Name: PARKWAY DELAWARE UNIT PDU601  
 Project Number: NONE GIVEN  
 Project Location: COLGATE ENERGY - EDDY CO NM

Sampling Date: 09/26/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: TEST HOLE # 5 @ 5' (H903346-16)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9600	16.0	10/02/2019	ND	416	104	400	3.77	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2019	ND	188	94.1	200	16.3	
DRO >C10-C28*	<10.0	10.0	10/02/2019	ND	194	97.2	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	10/02/2019	ND					
Surrogate: 1-Chlorooctane	85.1 %	41-142							
Surrogate: 1-Chlorooctadecane	91.8 %	37.6-147							

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received: 10/01/2019  
 Reported: 10/02/2019  
 Project Name: PARKWAY DELAWARE UNIT PDU601  
 Project Number: NONE GIVEN  
 Project Location: COLGATE ENERGY - EDDY CO NM

Sampling Date: 09/26/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: TEST HOLE # 6 @ SURFACE (H903346-17)**

BTEX 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2019	ND	1.95	97.3	2.00	1.38	
Toluene*	<0.050	0.050	10/01/2019	ND	1.86	92.8	2.00	0.369	
Ethylbenzene*	<0.050	0.050	10/01/2019	ND	1.84	92.2	2.00	0.260	
Total Xylenes*	<0.150	0.150	10/01/2019	ND	5.72	95.3	6.00	1.91	
Total BTEX	<0.300	0.300	10/01/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 82.0 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	10/02/2019	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	10/02/2019	ND	188	94.1	200	16.3	
DRO >C10-C28*	2610	50.0	10/02/2019	ND	194	97.2	200	11.7	
EXT DRO >C28-C36	1210	50.0	10/02/2019	ND					

Surrogate: 1-Chlorooctane 81.5 % 41-142

Surrogate: 1-Chlorooctadecane 195 % 37.6-147

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received: 10/01/2019  
 Reported: 10/02/2019  
 Project Name: PARKWAY DELAWARE UNIT PDU601  
 Project Number: NONE GIVEN  
 Project Location: COLGATE ENERGY - EDDY CO NM

Sampling Date: 09/26/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: TEST HOLE # 6 @ 2' (H903346-18)**

BTEX 8021B			mg/kg							Analyzed By: BF	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	10/01/2019	ND	1.95	97.3	2.00	1.38			
Toluene*	<0.050	0.050	10/01/2019	ND	1.86	92.8	2.00	0.369			
Ethylbenzene*	<0.050	0.050	10/01/2019	ND	1.84	92.2	2.00	0.260			
Total Xylenes*	<0.150	0.150	10/01/2019	ND	5.72	95.3	6.00	1.91			
Total BTEX	<0.300	0.300	10/01/2019	ND							

Surrogate: 4-Bromofluorobenzene (PIL) 85.9 % 73.3-129

Chloride, SM4500Cl-B			mg/kg							Analyzed By: AC		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier			
Chloride	10800	16.0	10/02/2019	ND	416	104	400	3.77				

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2019	ND	188	94.1	200	16.3	
DRO >C10-C28*	<10.0	10.0	10/02/2019	ND	194	97.2	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	10/02/2019	ND					

Surrogate: 1-Chlorooctane 85.4 % 41-142

Surrogate: 1-Chlorooctadecane 90.4 % 37.6-147

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received: 10/01/2019  
 Reported: 10/02/2019  
 Project Name: PARKWAY DELAWARE UNIT PDU601  
 Project Number: NONE GIVEN  
 Project Location: COLGATE ENERGY - EDDY CO NM

Sampling Date: 09/26/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: TEST HOLE # 6 @ 5' (H903346-19)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11900	16.0	10/02/2019	ND	416	104	400	3.77	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2019	ND	188	94.1	200	16.3	
DRO >C10-C28*	<10.0	10.0	10/02/2019	ND	194	97.2	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	10/02/2019	ND					
Surrogate: 1-Chlorooctane	82.5 %	41-142							
Surrogate: 1-Chlorooctadecane	89.0 %	37.6-147							

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received: 10/01/2019  
 Reported: 10/02/2019  
 Project Name: PARKWAY DELAWARE UNIT PDU601  
 Project Number: NONE GIVEN  
 Project Location: COLGATE ENERGY - EDDY CO NM

Sampling Date: 09/26/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: DITCH 15' SOUTH @ 3' (H903346-20)**

BTEX 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2019	ND	1.95	97.3	2.00	1.38	
Toluene*	<0.050	0.050	10/01/2019	ND	1.86	92.8	2.00	0.369	
Ethylbenzene*	<0.050	0.050	10/01/2019	ND	1.84	92.2	2.00	0.260	
Total Xylenes*	<0.150	0.150	10/01/2019	ND	5.72	95.3	6.00	1.91	
Total BTEX	<0.300	0.300	10/01/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 83.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	10/02/2019	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2019	ND	188	94.1	200	16.3	
DRO >C10-C28*	482	10.0	10/02/2019	ND	194	97.2	200	11.7	
EXT DRO >C28-C36	196	10.0	10/02/2019	ND					

Surrogate: 1-Chlorooctane 73.8 % 41-142

Surrogate: 1-Chlorooctadecane 106 % 37.6-147

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received: 10/01/2019  
 Reported: 10/02/2019  
 Project Name: PARKWAY DELAWARE UNIT PDU601  
 Project Number: NONE GIVEN  
 Project Location: COLGATE ENERGY - EDDY CO NM

Sampling Date: 09/26/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BACKGROUND 50' WEST (H903346-21)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/02/2019	ND	416	104	400	3.77	

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Notes and Definitions**

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Phoenix Environmental LLC				<b>BILL TO</b>		ANALYSIS REQUEST												
Project Manager: Allen Hodge				P.O. #:														
Address: PO Box 1856				Company: Phoenix Env														
City: Hobbs				Attn:														
State: NM Zip: 88341				Address:														
Phone #: 575-391-9685 Fax #: 391-9687				City:														
Project #:				State:	Zip:													
Project Owner: Colgate Suez				Phone #575-631-8314														
Project Location: Eddy Co. NM				Fax #: Allen's Cell														
Sample Name: Allen Hodge																		
FOR LAB USE ONLY																		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	TPH	BTEX	CL							
H903346	TEST hole #1 @ SCRFAC	G	1	GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	X		9-26-14	9:00	X	X	X							
	" " #1 @ 2'							9:10	X	X	X							
	" " #1 @ 5'							9:20	X	-	X							
	" " #1 @ 7'							9:30	X	-	X							
	TEST hole #2 @ SCRFAC							9:45	X	X	X							
	" " #2 @ 2'							9:55	X	X	X							
	" " #2 @ 5'							10:00	X	-	X							
	TEST hole #3 @ SCRFAC							10:15	X	X	X							
	" " #3 @ 2'							10:20	X	X	X							
	" " #3 @ 5'							10:30	X	-	X							

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 90 days after completion of the applicable service. In no event shall Cardinal be liable for negligent or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Reinquinshed By: [Signature]	Date: 12-1-14	Received By: [Signature]	Time: 12:00
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C -10.8°C Corrected Temp. °C -10.4°C	Sample Condition <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) YD.
Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	Thermometer ID #97 Correction Factor +0.4 °C	Bacteria (only) <input type="checkbox"/> Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	Sample Condition ~10.5°C Observed Temp. °C Corrected Temp. °C -10.4°C

REMARKS: ASAP

Verbal Result: ☐ Yes ☐ No Add'l Phone #:

All Results are emailed. Please provide Email address: SAHodge@Phoenix-Env.NM.US



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

† Cardinal cannot accept verbal changes. Please email changes to caley.keeene@cardinallabsnm.com



52 jo 52 egaJ



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Phoenix Environmental LLC  
Project Manager: Alex Hodges

Address: PO Box 1856

City: Hobbs

State: NM Zip: 88241

Phone #: 505-391-9685

Fax #: 391-9687

Project #:

Project Name: Parkway Delaware West Pipeline

Project Location: Eddy Co. NM

Sample Name: Alex Hodges

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H963346

20 DITCH 15' south @ 3'  
21 Backgroun 50' West

☒ (G)RAB OR (C)OMP.

# CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER:

ACID/BASE:

ICE / COOL

OTHER:

DATE TIME

TPA

BTEX

LC

9-26-11 12:30

X

X

X

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

Relinquished By:

Date: 10/1/14

Received By:

Verbal Result: ☐ Yes ☐ No [Add'l Phone #:

Relinquished By: [Signature]

Date: 10/1/14

Received By: [Signature]

All Results are emailed. Please provide Email address: ASH@HODGES@PHOENIX-ENVL.US

REMARKS:

ASAP

Delivered By: (Circle One)

Observed Temp. °C -10.8

Sample Condition Cool Intact ☒ Yes ☐ No

CHECKED BY: (Initials) YB

Turnaround Time: ASAP

Standard ☒ Rush ☐

Bacteria (only) ☒ Cool Intact ☒ Yes ☐ No

Sample Condition -10.8 Observed Temp. °C -10.4 Corrected Temp. °C -10.4

Sampler - UPS - Bus - Other:

Corrected Temp. °C -10.4

Cool Intact ☒ Yes ☐ No

CHECKED BY: (Initials) YB

Turnaround Time: ASAP

Standard ☒ Rush ☐

Bacteria (only) ☒ Cool Intact ☒ Yes ☐ No

Sample Condition -10.8 Observed Temp. °C -10.4 Corrected Temp. °C -10.4

FORM-006-R-3.0

† Cardinal cannot accept verbal changes. Please email changes to [celey.keene@cardinallabsnm.com](mailto:celey.keene@cardinallabsnm.com)



# **Second Round Sampling**

## **Lab Analysis**

11-5-2019 utilizing a backhoe to define vertical  
Depth of impact from Spill/Release  
Samples were taken from 9', 11', 13' and 15'  
15' is maximum excavation depth of Backhoe

## **Results from samples**

## **Vertical depth not found**





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received:	11/07/2019	Sampling Date:	11/06/2019
Reported:	11/08/2019	Sampling Type:	Soil
Project Name:	PARKWAY DELAWARE UNIT PDU601	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	COLGATE ENERGY - EDDY CO NM		

**Sample ID: TEST HOLE # 1 @ 9' (H903800-01)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13300	16.0	11/08/2019	ND	400	100	400	7.69	

**Sample ID: TEST HOLE # 1 @ 11' (H903800-02)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10900	16.0	11/08/2019	ND	400	100	400	7.69	

**Sample ID: TEST HOLE # 1 @ 13' (H903800-03)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9200	16.0	11/08/2019	ND	400	100	400	7.69		

**Sample ID: TEST HOLE # 1 @ 15' (H903800-04)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12900	16.0	11/08/2019	ND	400	100	400	7.69	

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received: 11/07/2019  
 Reported: 11/08/2019  
 Project Name: PARKWAY DELAWARE UNIT PDU601  
 Project Number: NONE GIVEN  
 Project Location: COLGATE ENERGY - EDDY CO NM

Sampling Date: 11/06/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: TEST HOLE # 2 @ 7' (H903800-05)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5360	16.0	11/08/2019	ND	400	100	400	7.69	

**Sample ID: TEST HOLE # 2 @ 9' (H903800-06)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10500	16.0	11/08/2019	ND	400	100	400	7.69	

**Sample ID: TEST HOLE # 2 @ 11' (H903800-07)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13900	16.0	11/08/2019	ND	400	100	400	7.69	

**Sample ID: TEST HOLE # 3 @ 7' (H903800-08)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4930	16.0	11/08/2019	ND	400	100	400	7.69	

**Sample ID: TEST HOLE # 3 @ 9' (H903800-09)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18600	16.0	11/08/2019	ND	400	100	400	7.69	

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received: 11/07/2019  
 Reported: 11/08/2019  
 Project Name: PARKWAY DELAWARE UNIT PDU601  
 Project Number: NONE GIVEN  
 Project Location: COLGATE ENERGY - EDDY CO NM

Sampling Date: 11/06/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: TEST HOLE # 3 @ 11' (H903800-10)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20000	16.0	11/08/2019	ND	400	100	400	7.69	

**Sample ID: TEST HOLE # 4 @ 7' (H903800-11)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1780	16.0	11/08/2019	ND	400	100	400	7.69	

**Sample ID: TEST HOLE # 4 @ 9' (H903800-12)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3160	16.0	11/08/2019	ND	400	100	400	7.69	

**Sample ID: TEST HOLE # 4 @ 11' (H903800-13)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12600	16.0	11/08/2019	ND	400	100	400	3.92	QM-07

**Sample ID: TEST HOLE # 5 @ 7' (H903800-14)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6400	16.0	11/08/2019	ND	400	100	400	3.92	

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received: 11/07/2019  
 Reported: 11/08/2019  
 Project Name: PARKWAY DELAWARE UNIT PDU601  
 Project Number: NONE GIVEN  
 Project Location: COLGATE ENERGY - EDDY CO NM

Sampling Date: 11/06/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: TEST HOLE # 5 @ 9' (H903800-15)**

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	29600	16.0	11/08/2019	ND	400	100	400	3.92	

**Sample ID: TEST HOLE # 5 @ 11' (H903800-16)**

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	17200	16.0	11/08/2019	ND	400	100	400	3.92	

**Sample ID: TEST HOLE # 6 @ 7' (H903800-17)**

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14400	16.0	11/08/2019	ND	400	100	400	3.92	

**Sample ID: TEST HOLE # 6 @ 9' (H903800-18)**

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	22800	16.0	11/08/2019	ND	400	100	400	3.92	

**Sample ID: TEST HOLE # 6 @ 11' (H903800-19)**

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12800	16.0	11/08/2019	ND	400	100	400	3.92	

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



---

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

---

### Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

---

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

---

Celey D. Keene, Lab Director/Quality Manager



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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> PROSOFIT Environmental LLC <b>Project Manager:</b> Allan Hodge <b>Address:</b> PO Box 1856 <b>City:</b> Hobbs <b>State:</b> NM <b>Zip:</b> 88241 <b>Phone #:</b> 575-391-9685 <b>Fax #:</b> 391-9687 <b>Project #:</b> <b>Project Owner:</b> Colgate Sugar <b>Project Location:</b> Eddy Co. NM <b>Project Name:</b> Parkway Delmaras Unit PDU 601 <b>Sample Name:</b> Allen Hodge				<b>P.O. #:</b> <b>Company:</b> Prosofix <b>Attn:</b> <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> 631-8314 <b>Fax #:</b> Allen's cell							
<b>FOR LAB USE ONLY</b>				<b>LAB I.D.</b>				<b>Sample I.D.</b>			
1 T35T hole ± 1 @ 9'				(G)RAB OR (C)OMP.				# CONTAINERS			
2 ± 1 @ 11'				GROUNDWATER				WASTEWATER			
3 ± 1 @ 13'				SOIL				OIL			
4 ± 1 @ 15'				SLUDGE				OTHER:			
5 T35T hole ± 2 @ 7'				ACID/BASE:				ICE / COOL			
6 ± 2 @ 9'				OTHER:				DATE			
7 ± 2 @ 11'				TIME				TIME			
8 T35T hole ± 3 @ 7'				TIME				TIME			
9 ± 3 @ 9'				TIME				TIME			
10 ± 3 @ 11'				TIME				TIME			

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising from this report shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profit incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

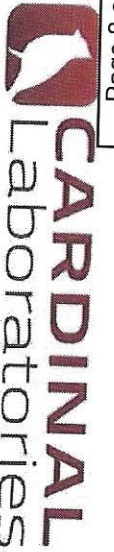
<b>Relinquished By:</b> <i>[Signature]</i>		<b>Date:</b> 7-19		<b>Received By:</b> <i>[Signature]</i>		<b>Date:</b> 7-19	
<b>Remanded By:</b> <i>[Signature]</i>		<b>Date:</b> 7-19		<b>Received By:</b> <i>[Signature]</i>		<b>Date:</b> 7-19	

<b>Delivered By:</b> (Circle One) Sampler - UPS - Bus - Other:	<b>Observed Temp. °C</b> -8.6 <b>Corrected Temp. °C</b> -8.2	<b>Sample Condition</b> Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>CHECKED BY:</b> (Initials)
<b>Turnaround Time:</b>	<b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b>	<b>Bacteria (only)</b> <input checked="" type="checkbox"/> <b>Cool Intact</b> <input checked="" type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b>	<b>Sample Condition</b> Observed Temp. °C Corrected Temp. °C

**REMARKS:** ASAP  
 EA Hodge @ Prosofix - Eddy Co. NM



8 jo 8 eged



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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Phoenix Environmental LLC</u>		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: <u>Allen Hodge</u>		Company: <u>Phoenix</u>					
Address: <u>PO Box 1856</u>		Attn:					
City: <u>Hobbs</u>		Address:					
Phone #: <u>575-391-9685</u>		State: <u>NM</u>		Zip: <u>88241</u>			
Project #:		Project Owner: <u>Colgate Energy</u>		City:			
Project Name: <u>Parkway Delawares Unit PDU601</u>		State:		Zip:			
Project Location: <u>Edley Co NM</u>		Phone #: <u>531-8314</u>		Fax #: <u>531-8314</u>			
Sampler Name: <u>Allen Hodge</u>		FOR LAB USE ONLY					
Lab I.D. <u>14903800</u>		Sample I.D.					
11 735T hole #4 @ 7'		(G)RAB OR (C)OMP.					
12 #4 @ 4'		# CONTAINERS					
13 #4 @ 11'		GROUNDWATER					
14 735T hole #5 @ 7'		WASTEWATER					
15 #5 @ 9'		SOIL					
16 #5 @ 11'		OIL					
17 735T hole #6 @ 7'		SLUDGE					
18 #6 @ 9'		OTHER:					
19 #6 @ 11'		ACID/BASE:					
		ICE / COOL					
		OTHER:					
		DATE		TIME			
		14/14		11:30			
				11:45			
				12:00			
				12:15			
				12:30			
				12:45			
				1:00			
				1:15			
				1:30			

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. In no event shall Cardinal be liable for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for potential or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: [Signature] Date: 2-19 Received By: [Signature] Date: 2-19

Delivered By: (Circle One) Observed Temp. °C -8.6 Sample Condition ☒ Cool ☐ Intact ☐ Yes ☐ No ☐ No

Sampler - UPS - Bus - Other: Corrected Temp. °C -8.2 CHECKED BY: (Initials) PH

Turnaround Time: ASAP Standard ☒ Rush ☐ Bacteria (only) Sample Condition ☐ Cool ☐ Intact ☐ Yes ☐ No ☐ No

Thermometer ID #97 Correction Factor +0.4 °C

REMARKS: EA Hodge @ Phoenix - 2004.05

Verbal Result: ☐ Yes ☐ No Add'l Phone #: 575-391-9685

All Results are emailed. Please provide Email address: Allen.Hodge@Phoenix-2004.05

† Cardinal cannot accept verbal changes. Please email changes to celaya.keene@cardinallabsnm.com

# **Third and Final Round** **Sampling**

## **Lab Analysis**

12-17-2019 utilizing a Drilling Rig to define vertical  
Depth of impact from Spill/Release  
Samples were taken from 20', 25', 30', 35' and 40'

## **Results from samples**

**Vertical depth found to be below 1,000ppm @ 35'**  
**BGS**







PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received:	12/27/2019	Sampling Date:	12/17/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	PARKWAY DELAWARE UNIT PDU601	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	COLGATE ENERGY - EDDY CO NM		

**Sample ID: TEST HOLE #1 @ 20' (H904308-01)**

Chloride, SM4500CI-B		mg/kg Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	21800	16.0	12/30/2019	ND	432	108	400	0.00	

**Sample ID: TEST HOLE #1 @ 25' (H904308-02)**

Chloride, SM4500CI-B		mg/kg Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12200	16.0	12/30/2019	ND	432	108	400	0.00	

**Sample ID: TEST HOLE #1 @ 30' (H904308-03)**

Chloride, SM4500CI-B		mg/kg Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1380	16.0	12/30/2019	ND	432	108	400	0.00	

**Sample ID: TEST HOLE #1 @ 35' (H904308-04)**

Chloride, SM4500CI-B		mg/kg Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	12/30/2019	ND	432	108	400	0.00	

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received: 12/27/2019  
 Reported: 12/30/2019  
 Project Name: PARKWAY DELAWARE UNIT PDU601  
 Project Number: NONE GIVEN  
 Project Location: COLGATE ENERGY - EDDY CO NM

Sampling Date: 12/17/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: TEST HOLE #1 @ 40' (H904308-05)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	12/30/2019	ND	432	108	400	0.00		

**Sample ID: TEST HOLE #2 @ 20' (H904308-06)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9600	16.0	12/30/2019	ND	432	108	400	0.00	

**Sample ID: TEST HOLE #2 @ 25' (H904308-07)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	12/30/2019	ND	432	108	400	0.00	

**Sample ID: TEST HOLE #2 @ 30' (H904308-08)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1550	16.0	12/30/2019	ND	432	108	400	0.00		

**Sample ID: TEST HOLE #3 @ 20' (H904308-09)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5840	16.0	12/30/2019	ND	432	108	400	0.00	

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received: 12/27/2019  
 Reported: 12/30/2019  
 Project Name: PARKWAY DELAWARE UNIT PDU601  
 Project Number: NONE GIVEN  
 Project Location: COLGATE ENERGY - EDDY CO NM

Sampling Date: 12/17/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: TEST HOLE #3 @ 25' (H904308-10)**

Chloride, SM4500CI-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5440	16.0	12/30/2019	ND	432	108	400	0.00	

**Sample ID: TEST HOLE #3 @ 30' (H904308-11)**

Chloride, SM4500CI-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1630	16.0	12/30/2019	ND	432	108	400	0.00	

**Sample ID: TEST HOLE #4 @ 20' (H904308-12)**

Chloride, SM4500CI-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13800	16.0	12/30/2019	ND	432	108	400	0.00	

**Sample ID: TEST HOLE #4 @ 25' (H904308-13)**

Chloride, SM4500CI-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11200	16.0	12/30/2019	ND	432	108	400	0.00	QM-07

**Sample ID: TEST HOLE #4 @ 30' (H904308-14)**

Chloride, SM4500CI-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10200	16.0	12/30/2019	ND	432	108	400	0.00	

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager





PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received: 12/27/2019  
 Reported: 12/30/2019  
 Project Name: PARKWAY DELAWARE UNIT PDU601  
 Project Number: NONE GIVEN  
 Project Location: COLGATE ENERGY - EDDY CO NM

Sampling Date: 12/17/2019  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: TEST HOLE #5 @ 20' (H904308-15)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6560	16.0	12/30/2019	ND	432	108	400	0.00	

**Sample ID: TEST HOLE #5 @ 25' (H904308-16)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	12/30/2019	ND	432	108	400	0.00	

**Sample ID: TEST HOLE #5 @ 30' (H904308-17)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5680	16.0	12/30/2019	ND	432	108	400	0.00	

**Sample ID: TEST HOLE #6 @ 20' (H904308-18)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7730	16.0	12/30/2019	ND	432	108	400	0.00	

**Sample ID: TEST HOLE #6 @ 25' (H904308-19)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13200	16.0	12/30/2019	ND	432	108	400	0.00	

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

Phoenix Environmental, LLC  
 Allen Hodge  
 P.O. Box 1856  
 Hobbs NM, 88240  
 Fax To: (575) 391-9687

Received:	12/27/2019	Sampling Date:	12/17/2019
Reported:	12/30/2019	Sampling Type:	Soil
Project Name:	PARKWAY DELAWARE UNIT PDU601	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	COLGATE ENERGY - EDDY CO NM		

**Sample ID: TEST HOLE #6 @ 30' (H904308-20)**

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	12/30/2019	ND	432	108	400	0.00	

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



---

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

---

### Notes and Definitions

- QM-07      The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND          Analyte NOT DETECTED at or above the reporting limit
- RPD        Relative Percent Difference
- \*\*          Samples not received at proper temperature of 6°C or below.
- \*\*\*        Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
- Samples reported on an as received basis (wet) unless otherwise noted on report

---

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

---

Celey D. Keene, Lab Director/Quality Manager





## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Phoenix Environmental LLC</u>		P.O. #:		ANALYSIS REQUEST	
Project Manager: <u>Allen Hodge</u>		Company: <u>Phoenix</u>			
Address: <u>PO Box 1856</u>		Attn:			
City: <u>Hobbs</u>		Address:			
Phone #: <u>575-391-9685</u>		State: <u>NM</u> Zip: <u>88241</u>			
Fax #: <u>391-9687</u>		City:			
Project #:		State:			
Project Name: <u>Parkway Delaware Unit POU #61</u>		Zip:			
Project Location: <u>Edy Co. NM</u>		Phone #: <u>631-8314</u>			
Sample Name: <u>Allen Hodge</u>		Fax #: <u>Allen's Cell</u>			
FOR LAB USE ONLY		PRESERV		SAMPLING	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	DATE
<u>H001308</u>					
1	TEST hole #1 @ 20'				12-79 9:00
2	#1 @ 25'				9:15
3	#1 @ 30'				9:30
4	#1 @ 35'				9:45
5	TEST hole #2 @ 20'				10:00
6	#2 @ 25'				10:30
7	#2 @ 30'				10:45
8	TEST hole #3 @ 20'				11:00
9	#3 @ 25'				11:30
10					11:45

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

Relinquished By: <u>[Signature]</u>	Received By: <u>[Signature]</u>
Date: <u>12-27-19</u>	Date: <u>12-27-19</u>
Time: <u>2:30</u>	Time: <u>2:30</u>
Date: <u>12-27-19</u>	Date: <u>12-27-19</u>
Time: <u>2:30</u>	Time: <u>2:30</u>
Date: <u>12-27-19</u>	Date: <u>12-27-19</u>
Time: <u>2:30</u>	Time: <u>2:30</u>

Delivered By: (Circle One) Observed Temp. °C 0.6

Sampler - UPS - Bus - Other: Corrected Temp. °C 1.0

Sample Condition: Cool Intact Yes Yes Yes

Checked By: [Signature]

Turnaround Time: Standard Rush

Bacteria (only) Sample Condition: Cool Intact Yes Yes Yes

Corrected Temp. °C: 0.6

Remarks: EA Hodge @ Phoenix - Edy Co. NM

Verbal Result: Yes No Add'l Phone #:

All Results are emailed. Please provide Email address:

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com





## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Phoenix SavirRedMoral LLC</u>		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: <u>Allan Hodge</u>		Company: <u>Phoenix</u>					
Address: <u>PO Box 1856</u>		Attn:					
City: <u>Hobbs</u>		Address:					
Phone #: <u>575-391-9685</u>		State: <u>NM</u> Zip: <u>88241</u>					
Fax #: <u>391-9687</u>		City:					
Project #: <u>Project Owner: Colgate</u>		State:					
Project Name: <u>Retiway Delaware Unit PDU # 601</u>		Zip:					
Project Location: <u>Eddy Co. NM</u>		Phone #: <u>631-8314</u>					
Sample Name: <u>Allan Hodge</u>		Fax #: <u>Allan's Cell</u>					
FOR LAB USE ONLY							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	
		GROUNDWATER		WASTEWATER			
		SOIL		OIL			
		SLUDGE		OTHER:			
		ACID/BASE:		ICE / COOL			
		OTHER:					
		DATE	TIME				
11	1351 hole #3 @ 30'	X	12:00	X			
12	1351 hole #4 @ 20'	X	12:30	X			
13	#4 @ 25'		12:45				
14	#4 @ 30'		1:00				
15	1351 hole #5 @ 20'		1:30				
16	#5 @ 25'		1:45				
17	#5 @ 30'		2:00				
18	1351 hole #6 @ 20'		2:30				
19	#6 @ 25'		2:45				
20	#6 @ 30'		3:00				

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. No event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated theories or otherwise.

Relinquished By: [Signature] Date: 2-7-19 Time: 2:30  
Received By: [Signature] Date: 2-7-19 Time: 2:30

Delivered By: (Circle One) Observed Temp. °C D.I.B Sample Condition Cool Intact Checked By: [Signature]  
Sampler - UPS - Bus - Other: Corrected Temp. °C 1.0 ☐ Yes ☒ No ☐ Yes ☒ No

Turnaround Time: ASAP Standard ☒ Rush ☐ Bacteria (only) Sample Condition ☐ Cool Intact ☐ Observed Temp. °C ☐ Yes ☐ No ☐ Corrected Temp. °C ☐ Yes ☐ No

REMARKS: EA Hodge @ Phoenix-SavirRedMoral

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com