1001 Noble Energy Way Houston, TX 77070

Tel: 281.872.3100 www.nobleenergyinc.com



APPROVED

By Olivia Yu at 8:16 am, Aug 28, 2018

NMOCD approves of the proposed remediation plan for 1RP-4825, with conditions. See email correspondence for stipulations.

August 16, 2018

Sent via e-mail to Olivia. Yu @state.nm.us

Ms. Olivia Yu Environmental Specialist New Mexico Oil Conservation Division – District 1 1625 N. French Drive Hobbs, NM 88240

RE: Revised Remediation Work Plan for Wyatt Phillips Tank Battery (1RP-4825)

Dear Ms. Yu,

Effective January 31, 2018, Southwest Royalties, Inc. was transferred from NBL Permian LLC (a subsidiary of Noble Energy, Inc.) to Desert Permian LLC. As part of the transfer agreement, Noble agreed to continue performing site delineation and remediation activities related to release site 1RP-4825. Therefore, Noble Energy, Inc. respectfully submits the enclosed Revised Remediation Work Plan for 1RP-4825.

Should you have any questions or concerns, please contact me at 281-874-6072 or jonathan.pennington@nblenergy.com.

Sincerely,

Jonathan Pennington Environmental Coordinator

Enclosure



August 16, 2018 Reference No. 11181319

Ms. Olivia Yu Environmental Specialist New Mexico Oil Conservation Division – District 1 1625 N. French Drive Hobbs, New Mexico 88240

Re: 2018 Scope of Work – Soil Remediation Activities Wyatt Phillips Tank Battery (1RP-4825) Unit Letter C, Sec. 34, T-17S, R-33E Lea County, New Mexico

Dear Ms. Yu:

1. Project Information

The Site is located in Unit C, Section 34, Township 17 South, Range 33 East, approximately 7.5 miles southeast of Maljamar, in Lea County, New Mexico. The Site coordinates are latitude 32.797030 N and longitude -103.652007 W. Figure 1 depicts the Site Location Map. On August 15, 2017, approximately 8 barrels of produced water was released as a result of a broken transfer line located adjacent to the Wyatt Phillips tank battery. Zero barrels of produced water were recovered. The release was reported to the New Mexico Oil Conservation Division (NMOCD) District 1 office in Hobbs, New Mexico using Form C-141 - Release Notification and Corrective Action and Remediation Permit (RP) Number 1RP-4825 was assigned. Southwest Royalties, Inc. was reported as the operator of the lease at the time of the release.

Assessment activities were conducted by Republic Backhoe Services (Republic) beginning on October 11, 2017. Two soil borings were advanced at the site to depths of 18 and 20 feet below ground surface (bgs) and soil samples were collected for laboratory analysis. A backhoe was utilized on October 13, 2017 to install test trenches for additional delineation sampling. Soil samples were analyzed for chloride, benzene, toluene, ethylbenzene, and xylenes (BTEX), and total petroleum hydrocarbons (TPH). The soil boring and trench sample data indicated chloride impacts above Recommended Remediation Action Levels (RRALs) extending from the surface to approximately 8 feet bgs.

A Remediation Work Plan was submitted to NMOCD by Noble on December 1, 2017 in addition to the Revised Release Characteristic Report prepared by Republic. NMOCD approved the Work Plan in an email dated December 22, 2017. NMOCD stated that delineation was considered complete with the following stipulations:

1. Based on the tabulated data provided, Sample C appears to be a borehole. Please verify and submit soil bore logs. *GHD understands that this stipulation was completed.*





- Samples at G-3 ft., H-surface, and I-2 ft. exceeds permissible levels of 600 mg/kg chlorides.
 Laterally extend the excavation until sidewalls are within permissible values. If samples from the western border of the proposed excavation are above permissible levels at the edge of the firewall, NMOCD must be informed in advance to determine whether an alternate plan is necessary.
- 3. All bottom and confirmation sidewall samples must be tested for BTEX, TPH extended, and chlorides. Confirmation sample locations should be no greater than 50 ft. apart.
- 4. In the remediation report, on an appropriately scaled map: 1) outline the release area; 2) annotate the depth of excavation and dimensions of the lined area; and 3) demarcate confirmation sample locations with GPS coordinates.

GHD's 2018 scope of work with proposed alternate approaches are detailed in the Work Plan below.

2. 2018 Scope of Work

Chloride impacted soil will be excavated and confirmation soil samples will be collected for laboratory analysis. Field screening of soils for chlorides will be performed in order to guide excavation activities. Subsequently, the excavation will be lined, backfilled with blended stockpilled soil from the excavation, graded and contoured to ensure proper surface area drainage, and the soil (off-pad areas) fertilized and re-seeded.

Field Program

The following outlines basic project details that will be completed by GHD and GHD subcontractors:

- Prior to mobilizing equipment to the Site, a New Mexico 811 utility notification will be made at least 48-hours prior to mobilization.
- If determined necessary, utilities in proximity to the proposed excavation area will be day-lighted via hydroexcavation prior to remedial excavation activities.
- Approximately 1,650 in-placed cubic yards (cy) of shallow subsurface soil will be excavated and stockpiled on-site (Figure 2). Impacted soil in the affected area will be excavated until field screening indicates that the soil is below the RRAL for chloride (600 mg/kg), or until a depth of 4 feet bgs is reached.
- Soils will be field screened for chloride during excavation activities by mixing soil samples with deionized water. The rinsate will be analyzed using Hach chloride test strips. If field screening
 indicates that soils are below regulatory levels, excavation will halt to minimize excavation of clean
 soil.
- Confirmation composite soil samples will be collected from the bottom and side walls at 50 foot
 intervals and submitted to Xenco Laboratories in Midland, Texas for analysis of chloride by EPA
 Method 300 only prior to installation of the liner. Soil samples were collected and analyzed for



BTEX via EPA Test Method 8021B and TPH by EPA Method 8015 Modified during the previous assessment and results indicated soil concentrations for these constituents were non-detect or well below the RRALs. Therefore, these analyses will not be performed for the confirmation samples.

- If impacts appear to extend past four feet bgs, excavation activities will halt, the sides of the
 excavation will be sloped, and a 20 mil polyethylene liner will be placed in the bottom of the
 excavation. Liner seams will be overlapped a minimum of 24 inches. Each liner will be placed
 without rips or tears.
- The western extent of the excavation will be limited by the tank battery fire wall. If chloride
 concentrations below 600 mg/kg are not obtained from the western excavation sidewall samples
 (a minimum 5 foot buffer from the fire wall will be retained), further investigation and excavation
 will be deferred until the facility is decommissioned.
- Final locations of confirmation samples and lateral extent of excavation will be demarcated with GPS coordinates and included in the remediation report.
- Stockpiled soil will be placed on plastic sheeting and will be blended on-site with clean soil to reduce chloride concentrations to below 600 mg/kg. Chloride field screening of the blended soil will be conducted to guide blending activities.
- The stockpiled blended soil will be re-sampled (one composite sample per 300 cubic yards) and submitted to Xenco Laboratories for analysis of chloride by EPA Method 300 to confirm chloride concentrations are below 600 mg/kg.
- Blended stockpiled soil with chloride concentrations 600 mg/kg or less will be used as backfill
 above the liner. GHD anticipates that sufficient clean soil is available on-site to meet these
 requirements.
- The excavated area will be fertilized and re-seeded with a Bureau of Land Management-approved seed mix.

Quality Assurance/ Quality Control

Confirmation soil sampling will be completed in accordance with our standard Quality Assurance/ Quality Control procedures designed to minimize cross-contamination between samples and to provide reliable laboratory results.

Reporting

A letter report summarizing remediation activities conducted at the site will be submitted. The letter report will include a Site description, project history, description of field events, a discussion of results, and recommendations (if any).

The report will include:



- A scaled Site plan showing the location of the excavation, confirmation sample collection points, and other Site features;
- Tabulation of field screening and laboratory analytical results; and
- Geotagged photographic documentation of field activities.

Quarterly Vegetation Monitoring

Following completion of soil remediation activities at the Site, and as required by the New Mexico State Land Office (NMSLO), GHD will conduct four quarterly vegetation monitoring visits to the Site. The status of vegetative growth within the remediated area will be documented with photographs and in field notes during each visit. A closure request letter report will be completed following one year of monitoring for submittal to NMSLO.

3. Work Plan Approval Request

GHD is prepared to initiate the scope of work immediately. If you have any questions or comments with regards to this work plan, please do not hesitate to contact our Houston office at (713) 734-3090. Your timely response to this correspondence is appreciated.

Kag U. Palic

Raaj U. Patel, P.G.

Program Manager

Sincerely,

GHD

Scott Foord, P.G.

Project Manager

SF/sh/1

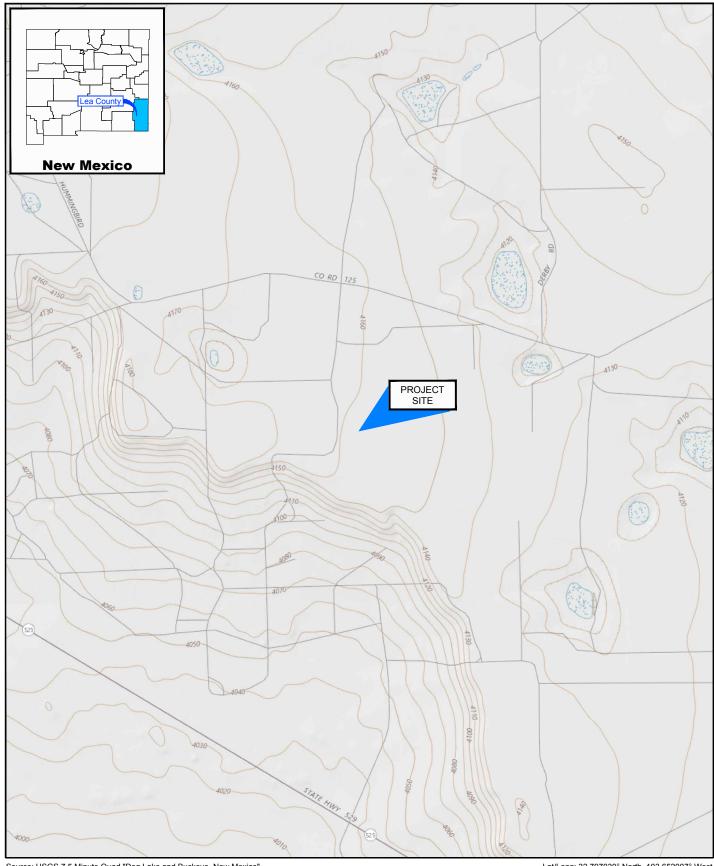
Encl.

Attachments: Figure 1- Site Location Map

Figure 2 - Soil Excavation Boundary Map

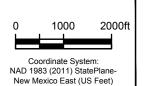
NMOCD Correspondence Email (December 22, 2017)

Spill Summary and Remediation Work Plan (December 1, 2017)



Source: USGS 7.5 Minute Quad "Dog Lake and Buckeye, New Mexico"

Lat/Long: 32.797030° North, 103.652007° West







NOBLE PERMIAN, LLC
LEA COUNTY, NEW MEXICO
UNIT LETTER C, SEC. 34, T-17S, R-33E
WYATT PHILLIPS TANK BATTERY RELEASE

SITE LOCATION MAP

FIGURE 1

11181319-00

Aug 9, 2018



NOBLE PERMIAN, LLC LEA COUNTY, NEW MEXICO UNIT LETTER C, SEC. 34, T-17S, R-33E WYATT PHILLIPS TANK BATTERY RELEASE

Aug 2, 2018

11178685-00

Coordinate System: NAD 1983 (2011) StatePlane-New Mexico East (US Feet)

SITE DETAILS MAP

From: Yu, Olivia, EMNRD

To: "Jonathan Pennington"

Cc: Al Garcia

Subject: RE: 1RP-4825 Release Characterization Report and Remediation Work Plan

Date: Friday, December 22, 2017 12:49:00 PM

Mr. Pennington:

Notes:

- Based on the release location, there is a NMOSE well (L 04363) within 1 mile radius.
- The figure with the proposed excavation is mislabeled. The figure needs to be redrawn in order for the sample locations to be visible.

NMOCD will consider delineation complete for 1RP-4825 and approves of the proposed remediation with these stipulations:

- 1. Based on the tabulated data provided, Sample C appears to be a borehole. Please verify and submit soil bore logs.
- 2. Samples at G-3 ft., H-surface, and I-2 ft. exceeds permissible levels of 600 mg/kg chlorides. Laterally extend the excavation until sidewalls are within permissible values. If samples from the western border of the proposed excavation are above permissible levels at the edge of the firewall, NMOCD must be informed in advance to determine whether an alternative plan is necessary.
- 3. All bottom and confirmation sidewall samples must be tested for BTEX, TPH extended, and chlorides. Confirmation sample locations should be no greater than 50 ft. apart.
- 4. In the remediation report, on an appropriately scaled map: 1) outline the release area; 2) annotate the depth of excavation and dimensions of the lined area; and 3) demarcate confirmation sample locations with GPS coordinates.

Please confirm or inform if clarification is required.

Thanks,

Olivia Yu Environmental Specialist NMOCD, District I Olivia.yu@state.nm.us 575-393-6161 x113

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

From: Jonathan Pennington [mailto:Jonathan.Pennington@nblenergy.com]

Sent: Friday, December 1, 2017 6:34 AM

To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>

Cc: Al Garcia <Al.Garcia@nblenergy.com>

Subject: 1RP-4825 Release Characterization Report and Remediation Work Plan

Dear Ms. Yu,

Southwest Royalties, Inc. respectfully submits the attached Revised Release Characterization Report and Remediation Work Plan for release site 1RP-4825. Please contact me if you have any questions or concerns.

Jonathan Pennington Environmental Coordinator EHSR

1001 Noble Energy Way, Houston, TX 77070 Main: 281.872.3100 | Direct: 281.874.6072 | Cell: 832.427.7652 Jonathan.Pennington@nblenergy.com | www.nblenergy.com



1001 Noble Energy Way Houston, TX 77070

> Tel: 281.872.3100 nblenergy.com



southwest royalties, inc. a subsidiary of noble energy, inc.

December 1, 2017

NMOCD Olivia Yu, Environmental Specialist 1625 N. French Drive Hobbs, NM 88240

Dear Ms. Yu,

Southwest Royalties, Inc. respectfully submits the enclosed Release Characterization Report and Remediation Work Plan for release site 1RP-4825.

Should you have any questions or concerns, please contact me at 281-874-6072 or jonathan.pennington@nblenergy.com.

Sincerely,

Jonathan Pennington

Environmental Coordinator

Jonathan.Pennington@nblenergy.com

CC: Al Garcia, Noble Energy

:Enclosure

APPROVED

By Olivia Yu at 12:46 pm, Dec 22, 2017

NMOCD approves of the delineation and proposed remediation for 1RP-4825. See email communication for stipulations.

Sent via email to Olivia. Yu@state.nm.us

REPUBLIC BACKHOE SERVICE LLC

Olivia Yu NMOCD District I 1625 N. French Dr. Hobbs, NM 88240

December 1, 2017

Dear Olivia Yu,

Subject: Spill Summary and Remediation Work Plan

Location: Wyatt/Phillips Battery Company: Southwest Royalties Inc.

Southwest Royalties Inc. has contracted Republic Backhoe Service LLC ("Republic") to perform site assessment and remediation services at the above referenced location. The results of the spill summary and proposed remediation activities are outlined below.

Incident Date

August 15, 2017

Incident Description

On August 15, 2017 the pumper turned on the transfer pump at the Eilliams Battery then noticed the release at the 3-inch poly transfer line adjacent to the Wyatt Phillips Battery. The pumper then turned off the transfer pump and put a clamp on the transfer line. The produced water soaked into the ground before a vacuum truck could make it to the site to recover any fluids. Approximately 8 barrels of produced water were released. On August 16, 2017 a crew was called out to repair the transfer line. On October 2, 2017 Southwest Royalties Inc., replaced approximately 7,000 feet of transfer line from the Eilliams Battery to the injection well. The C-141 form was received by NMOCD District I on September 27, 2017 (See Appendix I).

Phone Number: (575) 631-0131

Republic Backhoe Service LLC 47 E. Dickens Lovington, NM 88260

Background Information

The Wyatt Phillips battery is located approximately 9 miles west of Buckeye, New Mexico and 7.5 miles south east of Maljamar, NM. The legal location for the Battery is Unit C Section 34 Township 17 South and Range 33 East in Lea County, New Mexico. The spill site lies east of the Wyatt Phillips Battery location with the GPS Coordinates as follows: Latitude: 32.797030 North Longitude: -103.652007 West. (See Site Map attached in Appendix II).

The Wyatt Phillips Spill Site is located less than ½ mile east from the Mescalero Ridge (Caprock Escarpment). The soil in this area is made up of Kimbrough-Lea loamy soil. As per the New Mexico Bureau of Geology and Minerals Resources, the local surface is comprised of 5" to 24" loamy soil with hard caliche below the soil.

Watercourses in the area are dry except for infrequent flows in response to major precipitation events. According to the New Mexico Office of the State Engineer water well database there are no water wells within a mile radius. The same search illustrates that at a radius of 4,000 meters from the spill site the average depth to water is incorrectly 132 ft. The ground water data in Appendix III shows that the average depth to water is 132 feet but this is due to Water Well L-02687 having no depth to water value thus decreasing the average depth to water to 132 feet. When Water Well L-02687 (L-02687 is at a distance of 2.48 miles) is omitted from the average, the average depth to water at a radius of 4,000 meters from the spill site is 200 ft. Furthermore when the radius is decreased to 2 miles (3,219.5 meters) from the spill site the average depth to water increases to approximately 220 ft.

Regulatory Requirements

New Mexico Oil Conservation Division evaluates each release of produced water or oil according to the Recommended Remediation Action Levels (RRAL). NMOCD uses RRALs as a ranking system when evaluating each spill in terms of Depth to Groundwater, Distance to Surface Water, and Distance to Wellhead Protection Area.

The ranking score for this site is **0** based on the following:

Depth to ground water: >200' (50'-99') **O**Wellhead Protection Area: > 1000' **O**

Distance to Surface Water Body: > 1000'

Actions Taken

On October 11, 2017 Republic began to delineate the Wyatt Phillips spill Site. Big Guns Drilling Inc was contracted to drill the bore holes. A total of two bore holes were drilled at the spill site. Borehole A was drilled to 20' and Borehole B was drilled to 18'. On October 13, 2017 a backhoe was used to dig trenches to finish delineating the site. All soil samples were collected by Republic Backhoe Service LLC personnel wearing clean nitrile groves. The soil samples were placed in laboratory provided sample containers and transported to Cardinal Labs in Hobbs, NM for analysis. The samples were analyzed per Method SM4500C1-B, BTEX 8021B, and TPH 8015M.

Laboratory Results

See Appendix V for Site Sample Points.

Sample	Date	Sample ID	Depth	Chlorides	BTEX	TPH
Date	Analyzed		(feet)	(mg/kg)	(mg/kg)	(mg/kg)
10/11/2017	10/19/2017	A-1	1	3920	<.300	<10.0
10/11/2017	10/19/2017	A-3	3	4320	<.300	<10.0
10/11/2017	10/19/2017	A-7	7	8530	<.300	<10.0
10/11/2017	10/19/2017	A-10	10	304	-	-
10/11/2017	10/19/2017	A-20	20	64	-	-
10/11/2017	10/19/2017	B-2	2	3160	<.300	<10.0
10/11/2017	10/19/2017	B-4	4	6880	<.300	<10.0
10/11/2017	10/19/2017	B-6	6	4160	-	-
10/11/2017	10/19/2017	B-8	8	64	-	-
10/11/2017	10/19/2017	B-18	18	32	-	-
10/11/2017	10/19/2017	C-6	6	2080	<.300	<10.0
10/11/2017	10/19/2017	C-8	8	1760	-	-
10/11/2017	10/19/2017	C-10	10	48	-	-
10/11/2017	10/19/2017	C-15	15	64	-	-
10/13/2017	10/23/2017	D-1	.25	320	<.300	22.6
10/13/2017	10/23/2017	D-2	2	304	<.300	<10.0
10/13/2017	10/23/2017	E-S	.25	32	<.300	<10.0
10/13/2017	10/23/2017	E-1	1	96	<.300	<10.0
10/13/2017	10/23/2017	F-S	.25	16	<.300	<10.0
10/13/2017	10/23/2017	F-1	1	112	<.300	<10.0
10/13/2017	10/23/2017	G-1	.25	416	<.300	<10.0
10/13/2017	10/23/2017	G-3	3	3600	<.300	<10.0
10/13/2017	10/23/2017	H-S	.25	1520	<.300	<10.0
10/13/2017	10/23/2017	H-1	1	384	<.300	<10.0
10/13/2017	10/23/2017	I-1	.25	576	<.300	<10.0
10/13/2017	10/23/2017	I-2	2	2160	<.300	<10.00
10/13/2017	10/23/2017	J-1	1	16	<.300	<10.0
10/13/2017	10/23/2017	J-2	2	16	<.300	<10.0
10/13/2017	10/23/2017	J-6	6	64	<.300	<10.0

Proposal

According to the groundwater data, the release poses little threat to groundwater contamination in the area. The depth to ground water in the area is greater than 200' bgs. The Site Delineation concluded that there are no issues with TPH or BTEX. Chloride contamination is the only issue at the site. Also, sample results indicate that chloride concentrations in soil are below NMOCD permissible levels at less than 10' bgs. Southwest Royalties, Inc. respectfully requests that NMOCD will consider the following remediation plan.

The portions of the site with chloride concentrations in excess of the NMOCD cleanup standard of 600 mg/kg chloride will be excavated to a depth of 4' (See Appendix VI for approximate excavation extents). Please note that the map in Appendix VI is an approximation of the excavation site. The horizontal extent to the North, East, and South of the spill will be determined during the excavation process at the site. The western extent of the excavation will terminate at the battery fire wall if chloride concentrations below 600 mg/kg are not observed east of the battery firewall. It would be unsafe to excavate west of the eastern firewall of the battery. The weight of the tanks at the battery, along with unpredictable rainfalls and wind, will increase the risk of cave-ins if excavation takes place within 10' of the tanks at the battery. After the spill site is excavated to a depth of 4', the excavated walls will be tested to insure horizontal delineation. The samples will be collected and taken to Cardinal Labs for confirmation. Then a 20 mil liner will be installed at 4' to prevent vertical migration of the contaminants that remain below the liner.

The excavated soil will be hauled to R360 disposal facility, an NMOCD approved disposal. All backfill material will be hauled in from a clean fill source.

NMOCD will be notified within 24 hours of all sampling.

Then the area will be seeded with Warm Season SSR Grass Seed Mix 350. Please see the Revegetation and weed management plan below.

Revegetation and Noxious Weed Management Plans

Seed Mixture: Warm Season SSR Grass Seed Mix 350 (See Appendix VII)

Seeding Rate/ acre: 20 lbs/acre

Timing of Dispersal: Late March 2018 (may change)

Method of Dispersal: First, the area will be disced. Second, the seed will be mechanically broadcasted. Third, the disc will run over the area to cover the seed. Finally, to best ensure seed germination success the area will be watered after seeding. Photos will be taken of the seed mixture bags, and of all seeding activities.

Follow up Monitoring Plan: We intend to monitor the area in late summer (before the fall season). We will evaluate the growth of the area to determine if reseeding will be necessary the following spring. We will also monitor for the area for noxious weeds. The area is small enough to rid the weeds mechanically.

Noxious Weeds Control

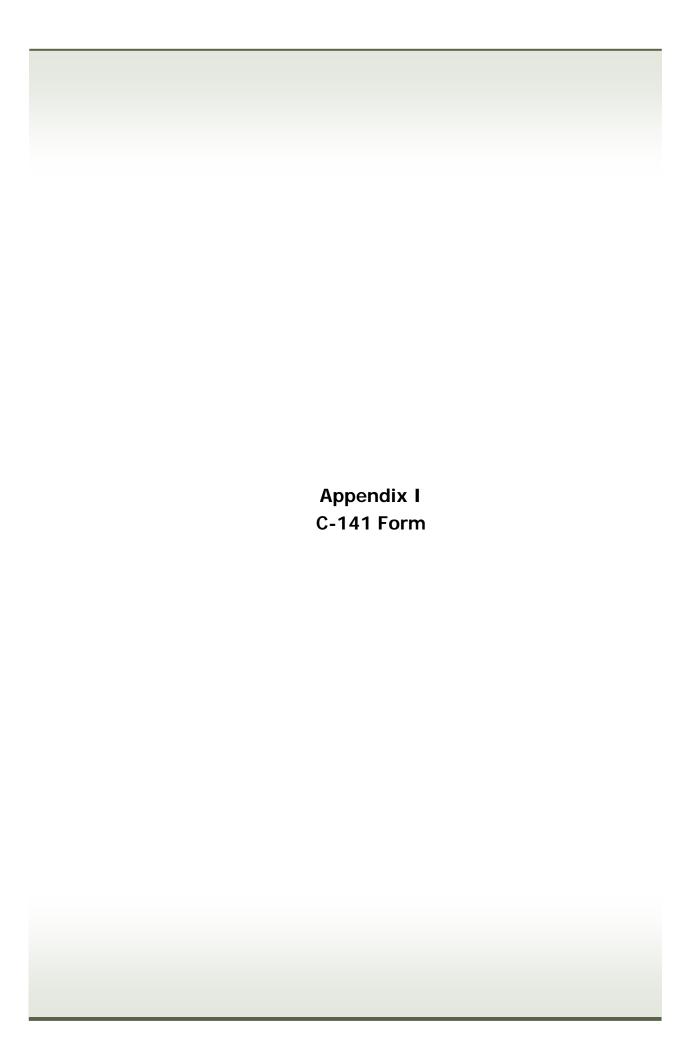
Republic Backhoe Service LLC takes noxious weed control very serious. All equipment and trucks are inspected before entering the pasture area. For examples truck tires are inspected for seeds between the thread of the tires, and equipment (disc harrow and backhoe) is cleaned off before entering the site. The area will be monitored for the following noxious weeds (but not limited to):

- -Jointed Goatgrass
- -Hoary Cress
- -Cheat Grass
- -African Rue
- -Yellow Starthistle
- -Malta Starthistle
- -Purple Starthistle
- -Common Teasel
- -Camelthorn
- -Russian Knapweed

IF you have any questions please call (575) 631-1031.

Eric Garcia

Republic Backhoe Services LLC

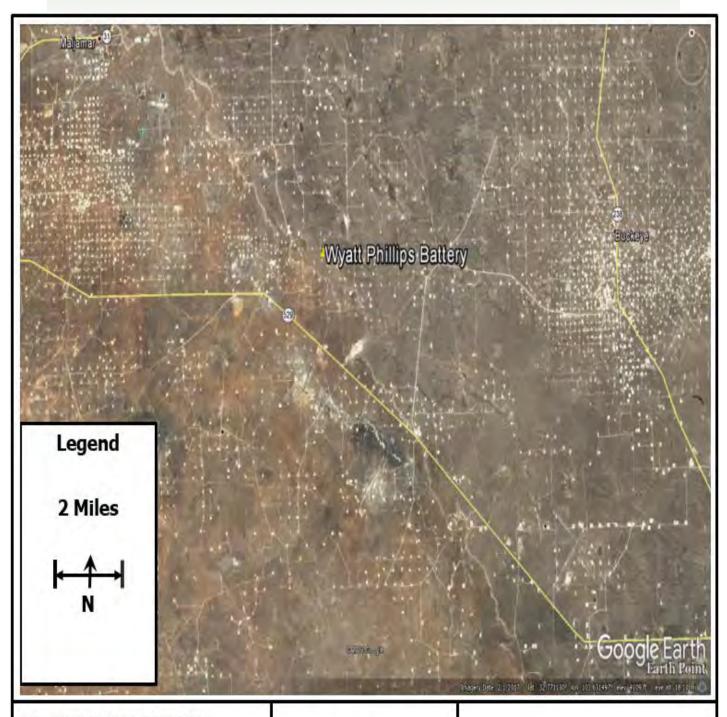


District I 1625 N. French Dr., Hobbs, NM 88240 District II

State of New Mexico Energy Minerals and Natural Resources

District I 1625 N. French District II						New Mex and Natura	ico il Resources			Form C-14 Revised April 3, 201
11 S. First St., District III 000 Rio Brazo District IV 220 S. St. Fran	s Road, Azte		5.	1220	South	vation Di St. France, NM 875	eis Dr.	Submit 1 (Copy to approp accordance	mate District Office i with 19.15.29 NMAC
			Rel	ease Notifi				ction		
						OPERA'	TOR		nitial Report	Final Rep
		outhwest Ro		nc.			nathan Penning			
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Surface Ow	mer Cavii	ness Cattle A	lect.	Mineral (Owner	3LM		AP	No.	
00						OFRE				
Unit Letter	Section	Township	Range	Feet from the	North	South Line	Fees from the	East/West L	me County	
6	34	178	33E	500		N	2300	W	I.	æit
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				NAT	TIRE	OF REL	FASE			
Type of Rele	ease Produc	ced Water		1474	UIG	the state of the s	Release 8 Barre	Volu	me Recovered	0 Barrels
Source of Re	dease 3-inc	ch Transfer Li	ne				Tour of Occurren		and Hour of D	iscovery
Was Immedi	ate Notice	Given?	_		_	#/15/17 1 If YES, To		8/15/	17.11:30 AM	
	as Immediate Notice Given? Yes No Not Requi					N/A				
By Whom?							Tour N/A			
Was a Water	course Rea	- Control of the cont	Yes D	No.		N/A	olume Impacting	the Watercoun	C.	
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transfer line souked into t	adjacent to	the Wyatt Phi	ilips barter	m Taken.* Pumpy, The pumper to	med off	d on the trans the transfer p	pump and put a c	Elliams battery lamp on the tra	and noticed the	e release at the
08/16/17. Describe An	a Affected	and Cleanup	Action Ta	ken.*						
				area is approxima NMOCD for app				yalties, Inc. wi	ll evaluate the	site according to
regulations a public health should their or the enviro	II operators or the envi operations to nment. In a	are required ironment. The have failed to	to report a e acceptan adequately OCD acce	ce of a C-141 rep	release nort by the remediate	otifications a e NMOCD m e contaminat	nd perform corre tarked as "Final I ion that pose a th	etive actions for Report" does no reat to ground	releases while t relieve the op water, surface v	th may endanger perator of liability water, human health
Signature:	math	- Pi	in	t			OIL CON	SERVATI	ON DIVISI	ON
Printed Name	e: Jonathan	Pennington	0			Approved by	Environmental S	Specialist	7	
Title: Enviro	comental C	oordinator				Approval Da	9/27/201	7 Expira	tion Date:	
E-mail Addr	ess: Jonath	m.Panningtor	icenblener	yy.com		Conditions o	f Approval:		Attache	4 D
Date: 09/26	/2017		Phone:	281-874-6072		see atta	iched directi	ve	Andens	
Attach Addi	itional She	ets If Neces	sary		Ī	1RP-482	5 InOV	72702759	5	
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and a second	Carlo	an 4 79 W.O.	2			1RP-482	nor i	72702759 72702724	pOY	/172702878





Wyatt Phillips Batt. Transfer Line Spill Unit Letter C, Sec. 34, T-17S, R-33E GPS: 32.797030N -103.652007W

Lea County, NM

Republic Backhoe Service LLC 47 E. Dickens Rd Lovington, NM 88260

Appendix II Site Map

Appendix III Groundwater Data	



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

water right file.)	closed)			(quai	rter	s are	smalle	est to larg	gest) (N	IAD83 UTM in n	neters)	(In	feet)	
		POD Sub-		_	_	_									***
POD Number	Code		County	_	Q 16	_	Sec	Tws	Rng	x	Y	DistanceDept	hWellDer		Water Column
L 04363		L	LE					17S	_	627634	3628855*	1646	226	160	66
<u>L 03713</u>		L	LE	3	4	1	28	17S	33E	624391	3630617*	2045	210		
L 14159 POD1		L	LE	3	1	3	28	17S	33E	624030	3630169	2206	298	165	133
L 05055		L	LE	3	3	4	35	17S	33E	628042	3628259*	2304	233	150	83
L 05096		L	LE	3	3	4	35	17S	33E	628042	3628259*	2304	233	150	83
L 04649		L	LE	1	1	3	03	18S	33E	625644	3627213*	2427	100	45	55
L 03133		L	LE	3	1	3	23	17S	33E	627188	3631868*	2504	230		
L 13049 POD1		L	LE	2	2	2	29	17S	33E	623782	3631207*	2876	244	204	40
CP 00758 POD1		CP	LE			3	04	18S	33E	624345	3626886*	3251	250		
CP 00072 POD4		CP	LE	1	4	2	10	18S	33E	626865	3626028*	3626	70		
L 09891		L	LE		4	4	16	17S	33E	625264	3633144*	3669	190		
CP 01417 POD1		CP	LE				11	18S	33E	627036	3625738	3946	120	54	66
L 02687		L	LE		2	2	36	17S	33E	630137	3629598*	3979			

Average Depth to Water:

132 feet

Minimum Depth: Maximum Depth:

45 feet 204 feet

Record Count: 13

UTMNAD83 Radius Search (in meters):

Easting (X): 626157.68 Northing (Y): 3629585 Radius: 4000

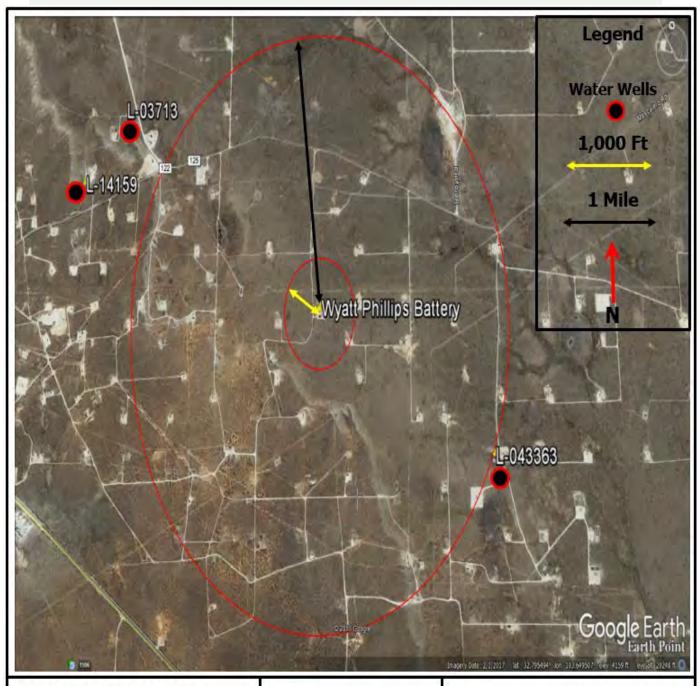
*UTM location was derived from PLSS - see Help

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

10/23/17 3:54 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER





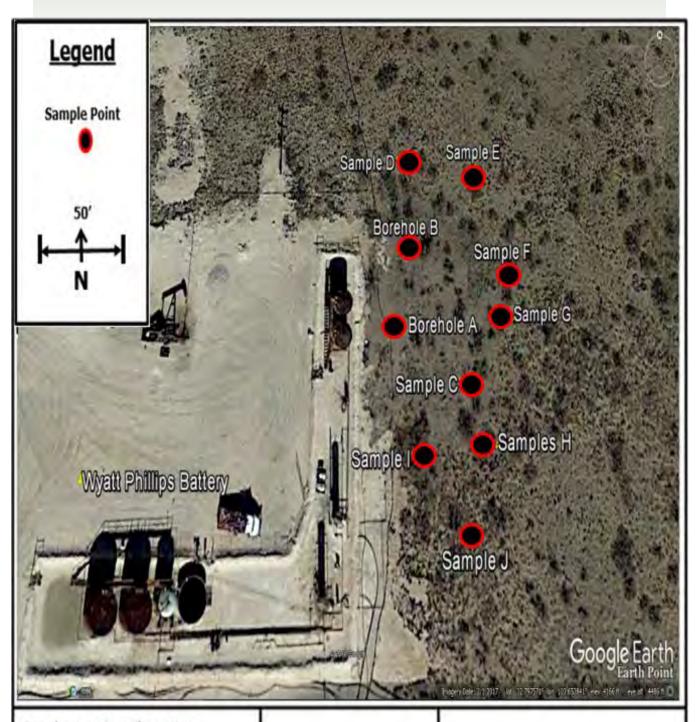
Wyatt Phillips Batt. Transfer Line Spill Unit Letter C, Sec. 34, T-17S, R-33E GPS: 32.797030N -103.652007W

Lea County, NM

Republic Backhoe Service LLC 47 E. Dickens Rd Lovington, NM 88260

Appendix IV
Fresh Water Wells



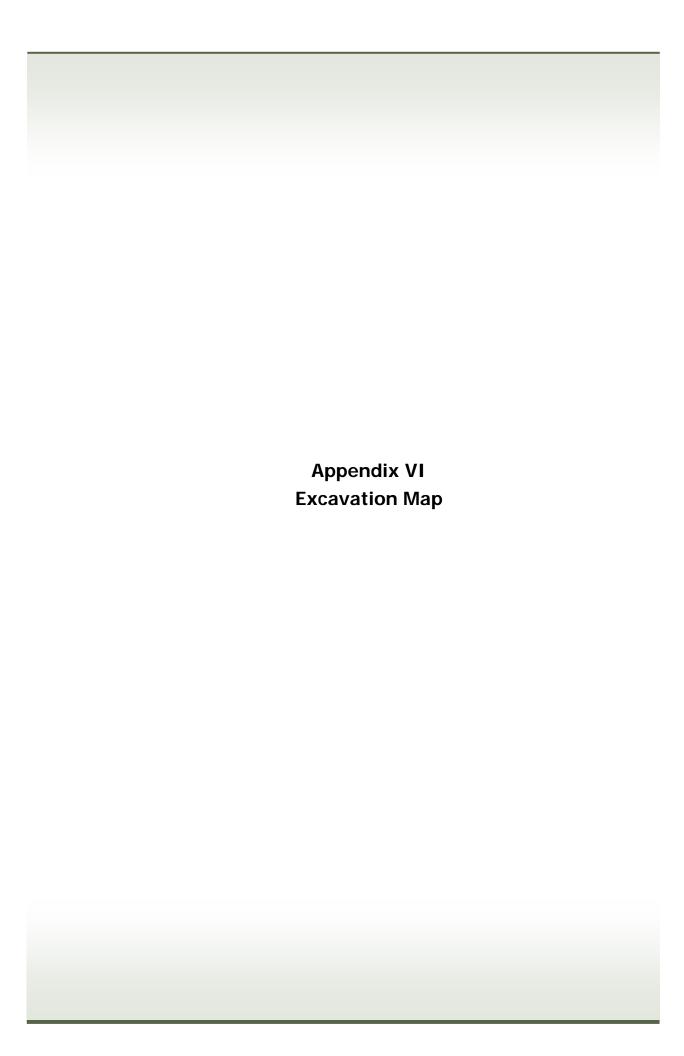


Wyatt Phillips Batt. Transfer Line Spill Unit Letter C, Sec. 34, T-17S, R-33E GPS: 32.797030N -103.652007W

Lea County, NM

Republic Backhoe Service LLC 47 E. Dickens Rd Lovington, NM 88260

Appendix V Sample Points



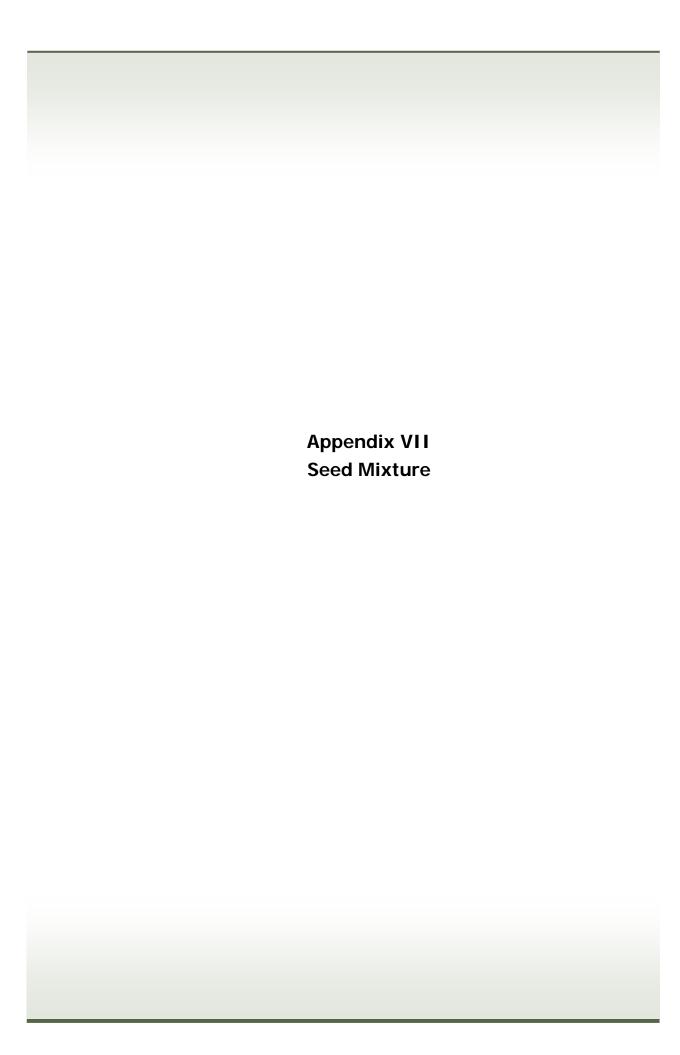


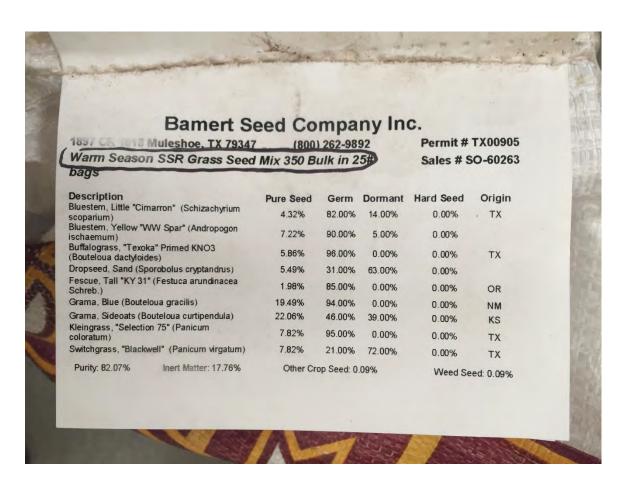
Wyatt Phillips Batt Transfer Line Spill Unit Letter C, Sec. 34, T17S, R33E GPS: 32.797030N, -103.652007W Lea County, NM Republic Backhoe Service LLC 47 E. Dickens Rd Lovington, NM 88260

Appendix XI
Excavation Map

4' Excavation-







Appendix VIII Cardinal Lab Results	



October 19, 2017

ERIC GARCIA

REPUBLIC BACKHOE SERVICES

47 E. DICKENS RD

LOVINGTON, NM 88260

RE: WYATT PHILIPS

Enclosed are the results of analyses for samples received by the laboratory on 10/12/17 12:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celeg D Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

REPUBLIC BACKHOE SERVICES ERIC GARCIA 47 E. DICKENS RD LOVINGTON NM, 88260 Fax To: NONE

 Received:
 10/12/2017

 Reported:
 10/19/2017

 Project Name:
 WYATT PHILIPS

 Project Number:
 BATTERY

 Project Location:
 NOT GIVEN

 Sampling Date:
 10/11/2017

 Sampling Type:
 Soil

 Sampling Condition:
 Cool & Intact

 Sample Received By:
 Tamara Oldaker

Sample ID: A-1 (H702763-01)

Sample 10: A-1 (H/02/63-01) BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	10/17/2017	ND	1.90	94,9	2.00	1.59	
Toluene*	< 0.050	0.050	10/17/2017	ND	1,72	85.8	2.00	1.87	
Ethylbenzene*	< 0.050	0.050	10/17/2017	ND	1,74	87.1	2.00	0.234	
Total Xylenes*	< 0.150	0.150	10/17/2017	ND	5.30	88.4	6.00	0.359	
Total BTEX	<0.300	0.300	10/17/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 72-148							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte:	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	3920	16.0	10/16/2017	ND	432	108	400	7.14	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10	<10.0	10.0	10/16/2017	ND	192	96.2	200	3.71	
DRO >C10-C28	<10.0	10.0	10/16/2017	ND	213	107	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	10/16/2017	ND					
Surrogate: 1-Chlorooctane	80.5	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	82.1	% 34.7-15	7						

Cardinal Laboratories *=Accredited Analyte

PLICE NOTE: Unbilly not Dataque. Circlosis Solity and clear's accluses present for any calor atomy, whether based is contact or tort, dual its limited to the amount guid by clear for scalages. All clears, including store for regispers and any other companies whether the description of the applicable service. In int event dual Cardinal is table for incidental or consequential changes, which incidents, buttered, bu

Celley I treene

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 5



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

Analytical Results For:

REPUBLIC BACKHOE SERVICES ERIC GARCIA 47 E. DICKENS RD LOVINGTON NM, 88260

Fax To: NONE

Received: 10/12/2017 Reported: 10/19/2017 Project Name: WYATT PHILIPS Project Number: BATTERY Project Location: NOT GIVEN

Sampling Date: 10/11/2017 Sampling Type: Soil Cool & Intact Sampling Condition: Sample Received By: Tamara Oldaker

Sample ID: A-3 (H702763-02)

Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	10/16/2017	ND	432	108	400	7.14	
Sample ID: A-7 (H702763-03)									
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Quaitfier

10/16/2017

Sample ID: A-10 (H702763-04)

Chloride

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	10/16/2017	ND	432	108	400	0.00	

Sample ID: A-20 (H702763-05)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/16/2017	ND	432	108	400	0.00	

Cardinal Laboratories *=Accredited Analyte

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

Page 3 of 5

7.14





Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-8 does not require samples be received at or below 6°C Samples reported on an as received besis (wet) unless otherwise noted on report.

Cardinal Laboratories *=Accredited Analyte

FLOAD NOTE: Listelity and berapiet described inhibity and clearly included report for any calors arising, whether based in contract or for, doth for included to the amount part by client for analyses. All dams, including those for neighbors and supplies and any other classes with respect to the applicable warrow. By a seed and Contract listelity is not being and consequences disrupage, including, without included to the professional contract listelity, without included to the professional contract of the analysis of the

Celley Z. treene

Celey D. Keene, Lab Director/Quality Manager

Page 4 of 5



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

company Name: Reput troject Manager: Cric Gri ddress: 47 E Dick ddress: 47 E Dick dd	State: NO State: NO Project Own	e Service In zip: 88260	P.O.#. Company: Attn: Address:O City: Hou State: TX Phone #: Fax #:	01 Nob uston zp:	ole Wa				A	NALYS	IS REC	DUEST		
Lab I.D. Sar 1702763 1 A-1 2 A-3 3 A-7 4 A-10 5 A-20	nple I.D.	COOTAINERS # CONTAINERS GROUNDWATER WASTEWATER SOIL SUDGE	ACIDIGASE: 33	DATE JOINING TO THE TOTAL TO TH	**************************************	STOLONO	HOLXXXXX	×	hold hold hold					
see. At these archebig futer he nephysics as	Data 10/10/17 10/10/10/17 10/10/10/10/10/10/10/10/10/10/10/10/10/1	demond second union made is writing and grand to be come and the come	CHECK!	ED BY:	Phone Res Fax Result REMARKS	in in	Yes Yes	aco	10 Ad	di Phone di Prome Notino	ail-c	om p	ild 8-s	STAY-



October 19, 2017

ERIC GARCIA
REPUBLIC BACKHOE SERVICES
47 E. DICKENS RD
LOVINGTON, NM 88260

RE: WYATT PHILIPS

Enclosed are the results of analyses for samples received by the laboratory on 10/12/17 12:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab-accredited-text-file-thm.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

REPUBLIC BACKHOE SERVICES ERIC GARCIA 47 E. DICKENS RD LOVINGTON NM, 88260

Fax To: NONE

 Received:
 10/12/2017

 Reported:
 10/19/2017

 Project Name:
 WYATT PHILIPS

 Project Number:
 BATTERY

 Project Location:
 NOT GIVEN

Sampling Date: 10/11/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: B-2 (H702764-01)

Sample ID: B-2 (H702764-01) BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	< 0.050	0.050	10/17/2017	ND	1.90	94.9	2.00	1.59	
Toluene*	< 0.050	0.050	10/17/2017	ND	1,72	85.8	2.00	1.87	
Ethylbenzene*	< 0.050	0.050	10/17/2017	ND	1,74	87.1	2.00	0.234	
Total Xylenes*	< 0.150	0.150	10/17/2017	ND	5.30	88.4	6.00	0.359	
Total BTEX	<0.300	0.300	10/17/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 72-148							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte:	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3160	16.0	10/16/2017	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS	-			- 6.5	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/16/2017	ND	192	96.2	200	3.71	
DRO >C10-C28	<10.0	10.0	10/16/2017	ND	213	107	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	10/16/2017	ND					
Surrogate: 1-Chlorooctane	83.1	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	81.3	% 34.7-15	7						

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 5



Analytical Results For:

REPUBLIC BACKHOE SERVICES ERIC GARCIA 47 E. DICKENS RD LOVINGTON NM, 88260 Fax To: NONE

 Received:
 10/12/2017

 Reported:
 10/19/2017

 Project Name:
 WYATT PHILIPS

 Project Number:
 BATTERY

 Project Location:
 NOT GIVEN

Sampling Date: 10/11/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: B-4 (H702764-02)

Analyte

Chloride

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6880	16.0	10/16/2017	ND	432	108	400	0.00	
Sample ID: B-6 (H702764-03)									
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	10/16/2017	ND	432	108	400	0.00	
Sample ID: B-8 (H702764-04)									
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/16/2017	ND	432	108	400	0.00	
Sample ID: B-18 (H702764-05)									
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					

Cardinal Laboratories *=Accredited Analyte

Method Blank

BS

% Recovery

True Value QC

RPD

0.00

Qualifier

Analyzed

10/16/2017

Reporting Limit

16.0

Result

32.0

PLEASE NOTICE Liability and Damages. Condenies beintly and clearly exclude remark for any cases arriving whether based in contract or tort, drail the limited to the arressest part for processor any other cases evidences that the deemed earliest under made in vertical and recovered by Condenies whether their (3) days after completion of the applicable service. In on severe drail Condenies to take for incidental or consequential damages, which was the condeniest or consequential damages, which we contract the condeniest contraction, because of use, or loss of profits incomed by clearly its subdestives, affiliate or successor arriving out of or major to the performance of the services because of the condenies are condenies, and the condenies of the condenies are condenies, and the condenies are condenies a

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 5





Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-8 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

PLBASE MOTE: Liability and Demages: Deplinal's lability and clercts evolutive remarks for any claim aming, whether based to contract or tot, drail be limited to the amount past by dient for analyses. All claims, including those for negligance and any other cause whetherever shall be deemed without made in incise made in investig and received by Cultima Westo thirty [20] days after completion of the applicable amone. To no event drail Curtical to lability for incisental or consequential designation, without industry, whitches industries, business interruptions, local of use, or risks of profits income or claims of the same particular and the performance of the analysis and contract of the same particular and the performance of the analysis and contract or contract on the performance or districts.

Celes Z. Freine

Celey D. Keene, Lab Director/Quality Manager

Page 4 of 5



† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project Manage	Republic Backhoe	Service	PO.#.	ANALYSIS REQUEST
Address 4) City: Yourne Phone #: 575 Project #: Project Name	E Dictions Rd ton State: Nr -631-0131 Fax#:	n zip:88360 ner: Noble attery	Company Noble Attn: Address: 1001 Noble way City: Houston State: TX Zip: Phone #: Fax #: FRESERY SAMPLING	
Lab I.D. H702764 I 2 3 4 5	Sample I.D. 8-3 6-4 8-8 8-18	MASTEWATER SOIL	00 DATE TIME 10/11/10 19:35	XXXXX Chlorid XXXXX BIEX Ploy XXXX ADH
Inquished By	Demogra. Cardina's labelity and disert's resilianses retroody in finise for impligance and any other cause electromers shall be like in both for tracologists of communicated desirages. Include patient electrical to the performance of an electromental to Date: United South Times Date: Times (Circle One) 2.86	a discount autoral autora anna a	of test, shall be limited in the sensent paid by the direct be the revenued by Cardinal within 30 days after completion of the rate of some of some or limited and parties becomed by classes, it is administrated as the sound of the others defined an armonia or administration of the states of the	



October 19, 2017

ERIC GARCIA
REPUBLIC BACKHOE SERVICES
47 E, DICKENS RD
LOVINGTON, NM 88260

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Method EPA 524.4 Regulated VOCs (V1, V2, V3)

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Celey D. Keine

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Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

REPUBLIC BACKHOE SERVICES ERIC GARCIA 47 E. DICKENS RD LOVINGTON NM, 88260

Fax To: NONE

 Received:
 10/12/2017

 Reported:
 10/19/2017

 Project Name:
 WYATT PHILIPS

 Project Number:
 BATTERY

 Project Location:
 NOT GIVEN

Sampling Date: 10/11/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: C-6 (H702765-01)

Sample 1D: C-6 (H/02/65-01) BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	10/17/2017	ND	1.90	94.9	2.00	1.59	
Toluene*	< 0.050	0.050	10/17/2017	ND	1.72	85.8	2,00	1.87	
Ethylbenzene*	< 0.050	0.050	10/17/2017	ND	1.74	87.1	2.00	0.234	
Total Xylenes*	<0.150	0.150	10/17/2017	ND	5.30	88.4	6.00	0,359	
Total BTEX	<0.300	0.300	10/17/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 72-148							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	10/16/2017	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/16/2017	ND	192	96.2	200	3.71	
DRO >C10-C28	<10.0	10.0	10/16/2017	ND	213	107	200	5.52	
EXT DRO >C28-C36	<10.0	10.0	10/16/2017	ND					
Surrogate: 1-Chlorooctane	84.9	% 28.3-164							
Surrogate: 1-Chiorooctadecane	90.8	% 34.7-157	,						

Cardinal Laboratories *=Accredited Analyte

REASE NOTE: Utable, and farmages. Contain's boilty, and clients exclusive remarks for any cases arriving whether based in contact or tort, drail be limited to the arresunt paid by dient for analyses. All clients including strong any other causes electroners shall be described analyses create solution are electroners and in setting and recovered by Controls within their total paid and a setting and a control of the applicable controls. The second shall carried be limited to the latest to the participation of the participation of

Celeny Litreune

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 5



Analytical Results For:

REPUBLIC BACKHOE SERVICES ERIC GARCIA 47 E. DICKENS RD LOVINGTON NM, 88260 Fax To: NONE

Fax To: NO

 Received:
 10/12/2017

 Reported:
 10/19/2017

 Project Name:
 WYATT PHILIPS

 Project Number:
 BATTERY

 Project Location:
 NOT GIVEN

Sampling Date: Sampling Type: Sampling Condition: Sample Received By:

Soil Cool & Intact Tamara Oldaker

10/11/2017

Sample ID: C-8 (H702765-02)

Chloride, SM4500CI-B mg/kg Analyzed By: AC Analyte Regult Reporting Limit Analyzed Method Blank % Recovery True Value QC RPD Qualifier Chloride 10/16/2017 1760 16.0 437 400 0.00 ND 108

Sample ID: C-10 (H702765-03)

Chloride, SM4500CI-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 10/16/2017 48.0 16.0 ND 432 108 400 0.00

Sample ID: C-15 (H702765-04)

Chloride, SM4500CI-B Analyzed By: AC mg/kg RPD Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC Qualifier Chloride 10/16/2017 432 108 0.00 64.0 16.0 ND 400

Cardinal Laboratories *=Accredited Analyte

FURSE NOTE: Unders and (prosper. Condinals, labelity and clerch exclasive repeats for any calor action, whether based in contract or tord, chall be invoked to the annualt gold by clerch for makess. We clerch to be desired under made in writing your discovered by Contrals webs thing (DI) days after completion of the applicable service. In or event datal Contrals is table for incidental or consequential distrator, incidental interaction, clerch interreption, (see of use, or loss of profits incoming by clerch to achieve or accessor acting out of or related to the performance of the environment by Contral, importance of whether such claims believed upon or the actions obtained accessor acting out of the actions dated reasons or interview. Header visible only to the complete description followed properties accept in fall with writing approach of Contral (abonetized.)

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 5





Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit.

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500CI-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

PLESSE NOTE: Updaty and Jamages. Contrait liability and clients radiable remarks for any client straing, whether based in contract or tort, dual be limbed to the amount paid by client for analyses. Will claims, including those for negligence and any other cause whateness shall be deserted and contrain be labele for including, whateness distinguish, only of or a shall be deserted as the performance of the sentences between the contrains a surface of some a shall be deserted as the performance of the sentences between the contrains a surface of the sentences and the sentences are contrained as the performance of the sent

Celey D. Keene, Lab Director/Quality Manager

Page 4 of 5



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Pepublic Bock! Project Manager: Eric Garcia Address: 47 E Nickers Rd	noe Dervice	BILL TO		ANALYSIS REQUEST	
City Lovington State: Phone # 575-631-0131 Fax #:	owner. Noble Battery MATRIX	Company: Noble Attn: Address: 1001 Noble way City: Houston State: TX Zip: Phone # Fax #: PRESERV SAMPLING	bloride PI+	EA.	
2 C-6 2 C-8 3 C-10 4 C-15	NIS NO S OOS	10 DATE TIME 10 In In 3:50 10 In In 4:20	× × × × × × × × × × × × × × × × × × ×	hold hold hold	

PLEASE MSTE: Listing and Derrogue Continued history and directs continues recently for any place soming whether based to involved or but their positions of the second policy for insert for fo

Jasmure Barn	12:45 Munra	Old Lo Phone Res	UIT. U Yes II No Add Phone #	
Relinquished By:	Date Neceived By:	Alder Remarks	cgarcia 60 @ hot mail	Hold 2.4 TPA + BTE
Delivered By: (Circle One) 2.	Time	igne	rine las a comail	com
Sampler - UPS - Bus - Other: 0	rrected 3052 Per Per	fion CHECKED BY: (Initials)	nirelando @ yakoo. c	om 1

[†] Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



October 23, 2017

ERIC GARCIA

REPUBLIC BACKHOE SERVICES

47 E. DICKENS RD

LOVINGTON, NM 88260

RE: WYATT PHILIPS

Enclosed are the results of analyses for samples received by the laboratory on 10/16/17 15:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceg.texas.gov/field/ga/lab-accredited-certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

REPUBLIC BACKHOE SERVICES ERIC GARCIA 47 E. DICKENS RD LOVINGTON NM, 88260 Fax To: NONE

 Received:
 10/16/2017

 Reported:
 10/23/2017

 Project Name:
 WYATT PHILIPS

 Project Number:
 NONE GIVEN

 Project Location:
 NOT GIVEN

Sampling Date: 10/13/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: D-1 (H702799-01)

Sample 1D: D-1 (H702/99-01) BTEX 8021B	mg	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Quarte
Benzene*	< 0.050	0.050	10/19/2017	ND	1.91	95.3	2.00	0.603	
Toluene*	< 0.050	0.050	10/19/2017	ND	1.72	85.8	2.00	0.645	
Ethylbenzene*	< 0.050	0.050	10/19/2017	ND	1.71	85.7	2.00	1.08	
Total Xylenes*	<0.150	0.150	10/19/2017	ND	5.14	85.7	6.00	1.51	
Total BTEX	<0.300	0.300	10/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 72-148							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	320	16.0	10/20/2017	ND	432	108	400	3,64	
TPH 8015M	mg	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO 06-C10	<10.0	10.0	10/18/2017	ND	207	104	200	0.951	
DRO >C10-C28	<10.0	10.0	10/18/2017	ND	213	107	200	0.758	
EXT DRO >C28-C36	22.6	10.0	10/18/2017	ND					
Surrogate: 1-Chlorooctane	75.9	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	72.5	% 34.7-15	7						

Cardinal Laboratories *=Accredited Analyte

PLDASE MOTE: Libelity and Damages. Carden's libelity and clere's exclusive servely for any client among whether based in contact or fort, shall be limited to the amount past by client for analyses. We client, including those for negligators and any other cause whitelevers that be deemed whele unless made. In entire, and needed by Carden's well in thing (DIS) days after completes of the applicable service. So no, exert shall Carden's be liable for including damages, without limitation, business interruptions, loss of use, or less of units included by client, to admits any accessors among out of or white to the performance of the services because of the services of the services. The services are client included and the client included and the performance of the services because of the services of the services because of the services of the services.

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

REPUBLIC BACKHOE SERVICES ERIC GARCIA 47 E. DICKENS RD LOVINGTON NM, 88260 Fax To: NONE

 Received:
 10/16/2017

 Reported:
 10/23/2017

 Project Name:
 WYATT PHILIPS

 Project Number:
 NONE GIVEN

 Project Location:
 NOT GIVEN

Sampling Date: 10/13/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: D-2 (H702799-02)

BTEX 8021B	mg	'kg	Analyze	d By: MS					
Analyte.	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	10/19/2017	ND	1.91	95.3	2.00	0.603	
Toluene*	<0.050	0.050	10/19/2017	ND	1.72	85.8	2.00	0.645	
Ethylbenzene*	<0,050	0.050	10/19/2017	ND	1.71	85.7	2,00	1.08	
Total Xylenes*	<0.150	0.150	10/19/2017	ND	5.14	85.7	6.00	1.51	
Total BTEX	<0.300	0.300	10/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 72-148							
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	304	16.0	10/20/2017	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS		- "			
Analyte:	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10	<10.0	10.0	10/18/2017	ND	207	104	200	0.951	
DRO >C10-C28	<10.0	10.0	10/18/2017	ND	213	107	200	0.758	
EXT DRO >C28-C36	<10.0	10.0	10/18/2017	ND					
Surrogate: 1-Chlorooctane	77.0	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	70.7	% 34.7-15	7						

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PLEASE NOTE: Liability and Damagnes. Cledical's boility and clerc's exclusive jernedy for any cases among, whether based in contact or bort, drall be limited to the amount paid by clerc for scalayers. All clercs, including those for negligators and any other cases whatenesses shall be deserted sended under random in writing and recovered by Clerc's wellow their bury (20), days after companion of the applicable service. In or event that Custom's be 18th for incidental or consequented changes, including, without instation, business: interruptions, loss of use, or loss of grafts incomed by clerc's to authorise, business; business; better produced as of use, and the produced as an extra contact of an indicate of the performance of the services better hands or the performance of the performance of

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 19



Analytical Results For:

REPUBLIC BACKHOE SERVICES ERIC GARCIA 47 E. DICKENS RD LOVINGTON NM, 88260 Fax To: NONE

 Received:
 10/16/2017

 Reported:
 10/23/2017

 Project Name:
 WYATT PHILIPS

 Project Number:
 NONE GIVEN

 Project Location:
 NOT GIVEN

Sampling Date: 10/13/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: E-S (H702799-03)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	10/19/2017	ND	1.91	95.3	2.00	0.603	
Toluene*	<0.050	0.050	10/19/2017	ND	1.72	85.8	2.00	0.645	
Ethylbenzene*	<0.050	0.050	10/19/2017	ND	1.71	85.7	2.00	1.08	
Total Xylenes*	<0.150	0.150	10/19/2017	ND	5.14	85.7	6.00	1.51	
Total BTEX	<0.300	0.300	10/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 72-148							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte:	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	32.0	16.0	10/20/2017	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10	<10.0	10.0	10/18/2017	ND	207	104	200	0.951	
DRO >C10-C28	<10.0	10.0	10/18/2017	ND	213	107	200	0.758	
EXT DRO >C28-C36	<10.0	10.0	10/18/2017	ND					
Surrogate: 1-Chlorooctane	82.4	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	70.6	% 34.7-15	7						

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PUBLISH NOTE: Liberity and Comanges. Cardinal's labelity and clients exclusive remarks for any cases acting, whether based in contract or lost, shall be instead to the amount paid by client for inseleption. We disting including any other cases withdrawner shall be determed unless made in writing and resolved by Curtimal websit thinty (DI) days after completion of the applicable service. In one went shall Customal be liable for included any contracting without inflations, buttones interruptions, lost of unit, or lost of profits increased by client, to accordance, efficiency or accounts acting out of or maked to the performance of the exercise terruption, one of the stone absolute contracting out of units of the exercise of the exercise terruption. Published the performance of the exercise terruption, and of the stone destination of the exercise terruption.

Celey D. Keene, Lab Director/Quality Manager

Page 4 of 19



Analytical Results For:

REPUBLIC BACKHOE SERVICES ERIC GARCIA 47 E. DICKENS RD LOVINGTON NM, 88260 Fax To: NONE

 Received:
 10/16/2017

 Reported:
 10/23/2017

 Project Name:
 WYATT PHILIPS

 Project Number:
 NONE GIVEN

 Project Location:
 NOT GIVEN

 Sampling Date:
 10/13/2017

 Sampling Type:
 Soil

 Sampling Condition:
 Cool & Intact

 Sample Received By:
 Tamara Oldaker

Sample ID: E-1 (H702799-04)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	10/19/2017	ND	1.91	95.3	2,00	0,603	
Toluene*	< 0.050	0.050	10/19/2017	ND	1.72	85.8	2.00	0.645	
Ethylbenzene*	< 0.050	0.050	10/19/2017	ND	1.71	85.7	2.00	1.08	
Total Xylenes*	< 0.150	0.150	10/19/2017	ND	5.14	85.7	6.00	1.51	
Total BTEX	<0.300	0.300	10/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 72-148	1						
Chloride, SM4500CI-B	mg	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/20/2017	ND	416	104	400	3.77	
TPH 8015M	mg.	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/18/2017	ND	207	104	200	0.951	
DRO >C10-C28	<10.0	10.0	10/18/2017	ND	213	107	200	0.758	
EXT DRO >C28-C36	<10.0	10.0	10/18/2017	ND					
Surrogate: 1-Chlorooctane	80.5	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	76.7	% 34.7-15	7						

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PLIASE NOTE: Libelity and Damages. Capthraft lability and clerc's endualve remark for any cleim noting, whether based in contract or took, drall be limited to the amount said by dwert for analyses. All cleims, including troos for negligence and any other cause whiteness stall be deemed valued unlike made in writing and received by Cardinal within thiny [30] days after completed or the applicable service. In no event drall Cardinal be, basis for included in consequential damages, within implicit, business informations, loss of use, or issue of profess increased or absolute cardinal transfer.

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

REPUBLIC BACKHOE SERVICES ERIC GARCIA 47 E. DICKENS RD LOVINGTON NM, 88260 Fax To: NONE

 Received:
 10/16/2017

 Reported:
 10/23/2017

 Project Name:
 WYATT PHILIPS

 Project Number:
 NONE GIVEN

 Project Location:
 NOT GIVEN

Sampling Date: 10/13/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact:
Sample Received By: Tamara Oldaker

Sample ID: F-S (H702799-05)

Sample 1D: F-5 (H702799-05) BTEX 8021B	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2017	ND	1.91	95,3	2.00	0.603	
Toluene*	<0.050	0.050	10/19/2017	ND	1.72	85.8	2.00	0.645	
Ethylbenzene*	<0.050	0.050	10/19/2017	ND	1.71	85.7	2,00	1.08	
Total Xylenes*	<0.150	0.150	10/19/2017	ND	5.14	85.7	6.00	1.51	
Total BTEX	<0.300	0.300	10/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 72-148	1						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/20/2017	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/18/2017	ND	207	104	200	0.951	
DRO >C10-C28	<10.0	10.0	10/18/2017	ND	213	107	200	0.758	
EXT DRO >C28-C36	<10.0	10.0	10/18/2017	ND					
Surrogate: 1-Chlorooctane	74.9	% 28.3-164							
Surrogate: 1-Chlorooctadecane	72.6	% 34.7-15	•						

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PLEASE ACTE. Libelity and Damages. Cardina's labelity and clearly excusive reyearly for any calor anising, whether based in contract or but, doal by limited to the amount just by clear for analyses. All clears, including those for negligence and any other cause whitescener shall be determed valued under made in writing and incolved by Cardinal settle their DE) days after competion of the applicable service. In no west, deal Cardinal be labele for incidental or consequential distinguist, without including, whitest intertoism, business interruptions, bisse of use, or loss of profile incomed by clearly to accessors, arising out of or whether on white the performance of the services hereunder by Cardinal, regardless of whether such clear is been about the performance or distinguist, or contract accessors arising out of or clearly appropriate the accessor of the services hereunder by Cardinal, regardless of whether such clear is been accessed as a contract and the performance of the services hereunder by Cardinal performance or the ser

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

REPUBLIC BACKHOE SERVICES ERIC GARCIA 47 E. DICKENS RD LOVINGTON NM, 88260 Fax To: NONE

 Received:
 10/16/2017

 Reported:
 10/23/2017

 Project Name:
 WYATT PHILIPS

 Project Number:
 NONE GIVEN

 Project Location:
 NOT GIVEN

Sampling Date: 10/13/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: F-1 (H702799-06)

Sample ID: F-1 (H702799-06) BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	10/19/2017	ND	1.91	95,3	2.00	0.603	
Toluene*	<0.050	0.050	10/19/2017	ND	1.72	85.8	2.00	0.645	
Ethylbenzene*	<0.050	0.050	10/19/2017	ND	1.71	85.7	2.00	1.08	
Total Xylenes*	< 0.150	0.150	10/19/2017	ND	5.14	85.7	6.00	1.51	
Total BTEX	<0.300	0.300	10/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 72-148							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/20/2017	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte:	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/18/2017	ND	207	104	200	0.951	
DRO >C10-C28	<10.0	10.0	10/18/2017	ND	213	107	200	0.758	
EXT DRO >C28-C36	<10.0	10.0	10/18/2017	ND					
Surrogate: 1-Chlorooctane	85.7	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	71.1	% 34.7-15	7						

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PLEASE ACTE. Libelity and Damages. Cardina's labelity and clearly excusive remarky for any calor anising, whether based in contract or but, does for intend to the amount just by clear for analyses. All clears, including those for negligance and any other cause whitescener shall be deserted valued under make in writing and incomed by Cardinal width other (DI) days after competion of the applicable service. In no west, dual Cardinal he labels for incidental or consequential demands, without institution, business interruptions, loss of use, or loss of profits incomed by clear, but admits a secondary a secondary arising of the distribution, business interruptions, loss of use, or loss of profits incomed by clearly the applicable above. This report call not be reproduced except in the written approved of Cardinal (accordance).

Celey D. Keene, Lab Director/Quality Manager

Page 7 of 19



Analytical Results For:

REPUBLIC BACKHOE SERVICES ERIC GARCIA 47 E. DICKENS RD LOVINGTON NM, 88260 Fax To: NONE

 Received:
 10/16/2017

 Reported:
 10/23/2017

 Project Name:
 WYATT PHILIPS

 Project Number:
 NONE GIVEN

 Project Location:
 NOT GIVEN

Sampling Date: 10/13/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G-1 (H702799-07)

Sample ID: G-1 (H702799-07) BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	10/19/2017	ND	1.91	95.3	2.00	0.603	
Toluene*	< 0.050	0.050	10/19/2017	ND	1.72	85.8	2.00	0.645	
Ethylbenzene*	< 0.050	0.050	10/19/2017	ND	1.71	85.7	2.00	1.08	
Total Xylenes*	< 0.150	0.150	10/19/2017	ND	5.14	85.7	6.00	1,51	
Total BTEX	<0,300	0.300	10/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 5	% 72-148							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte.	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	10/20/2017	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/18/2017	ND	207	104	200	0.951	
DRO >C10-C28	<10.0	10.0	10/18/2017	ND	213	107	200	0.758	
EXT DRO >C28-C36	<10.0	10.0	10/18/2017	ND					
Surrogate: 1-Chlorooctane	78.6	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	76.7	% 34.7-15	7						

Cardinal Laboratories *=Accredited Analyte

RASE SUTE (both yet (seeps). Confort, bothy not clean to be not clear to each or more for any clear arting, whether based in contact or set, but he inched to the amount paid by clear for incipion. We clear to understand the contact and contact or the applicable solvine. In or west, disk contact he followed by Confort States, (respectively). The contact paid contact he followed by Confort States, (respectively). The contact paid contact he followed by Confort States, (respectively). The contact paid contact by the complete of the specific solvines, (respectively) and the polynomials of the polynomials of the polynomials of the polynomials of the polynomials.

Celeg T. Krene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

REPUBLIC BACKHOE SERVICES
ERIC GARCIA
47 E. DICKENS RD
LOVINGTON NM, 88260
Fax To: NONE

 Received:
 10/16/2017

 Reported:
 10/23/2017

 Project Name:
 WYATT PHILIPS

 Project Number:
 NONE GIVEN

 Project Location:
 NOT GIVEN

Sampling Date: 10/13/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: G-3 (H702799-08)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2017	ND	1.91	95.3	2.00	0.603	
Toluene*	<0.050	0.050	10/19/2017	ND	1.72	85.8	2.00	0.645	
Ethylbenzene*	< 0.050	0.050	10/19/2017	ND	1.71	85.7	2.00	1.08	
Total Xylenes*	<0.150	0.150	10/19/2017	ND	5.14	85.7	6.00	1.51	
Total BTEX	<0.300	0.300	10/19/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 72-148							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	10/20/2017	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/18/2017	ND	207	104	200	0.951	
DRO >C10-C28	<10.0	10.0	10/18/2017	ND	213	107	200	0.758	
EXT DRO >C28-C36	<10.0	10.0	10/18/2017	ND					
Surrogate: 1-Chlorooctane	82.4	% 28.5-16	4						
Surrogate: 1-Chlorooctadecane	83.4	% 34.7-15	7						

Cardinal Laboratories *=Accredited Analyte

REASE NOTE: Unbilly and formages. Continues boilty, and clients exclusive remarks for any claim aming, whether based in contract or tort, drail the limited to the amount paid by client for scaleyest. All claims, including those for negligence and any other cause electroneses shall be described ambient create in setting and recovered by Contral within their to this property of the applicable service. In one sevent shall Cardinal be liable for included by client, the substance, without contraction introduce, positions interesting to, less of a set, or property contraction of the service beautiful for a related to the performance of the service beautiful for the same clients and clients are contracted on the performance of the service beautiful for the same clients and clients are contracted on the performance of the service beautiful for the same clients and clients are contracted on the service beautiful for the ser

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

REPUBLIC BACKHOE SERVICES ERIC GARCIA 47 E. DICKENS RD LOVINGTON NM, 88260 Fax To: NONE

 Received:
 10/16/2017

 Reported:
 10/23/2017

 Project Name:
 WYATT PHILIPS

 Project Number:
 NONE GIVEN

 Project Location:
 NOT GIVEN

 Sampling Date:
 10/13/2017

 Sampling Type:
 Soil

 Sampling Condition:
 Cool & Intact

 Sample Received By:
 Tamara Oldaker

Sample ID: H-S (H702799-09)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2017	ND	1.91	95.3	2,00	0.603	
Toluene*	<0.050	0.050	10/20/2017	ND	1.72	85.8	2.00	0.645	
Ethylbenzene*	<0.050	0.050	10/20/2017	ND	1.71	85.7	2,00	1.08	
Total Xylenes*	<0.150	0.150	10/20/2017	ND	5.14	85.7	6.00	1.51	
Total BTEX	<0.300	0.300	10/20/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 72-148							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1520	16.0	10/20/2017	ND	416	104	400	3.77	
TPH 8015M	mg	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/18/2017	ND	188	94.0	200	0.494	
DRO >C10-C28	<10.0	10.0	10/18/2017	ND	208	104	200	0.307	
EXT DRO >C28-C36	<10.0	10.0	10/18/2017	ND					
Surrogate: 1-Chlorooctane	77.5	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	87.8	% 34.7-15	7						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

REPUBLIC BACKHOE SERVICES ERIC GARCIA 47 E. DICKENS RD LOVINGTON NM, 88260 Fax To: NONE

 Received:
 10/16/2017

 Reported:
 10/23/2017

 Project Name:
 WYATT PHILIPS

 Project Number:
 NONE GIVEN

 Project Location:
 NOT GIVEN

 Sampling Date:
 10/13/2017

 Sampling Type:
 Soil

 Sampling Condition:
 Cool & Intact

 Sample Received By:
 Tamara Oldaker

Sample ID: H-1 (H702799-10)

Sample 10: H-1 (H/02/99-10) BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte:	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2017	ND	1.91	95,3	2,00	0.603	
Toluene*	<0.050	0.050	10/20/2017	ND	1.72	85.8	2.00	0.645	
Ethylbenzene*	<0.050	0.050	10/20/2017	ND	1.71	85.7	2,00	1.08	
Total Xylenes*	< 0.150	0.150	10/20/2017	ND	5.14	85.7	6.00	1.51	
Total BTEX	<0.300	0.300	10/20/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 72-148							
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	10/20/2017	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte:	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/18/2017	ND	188	94.0	200	0.494	
DRO >C10-C28	<10.0	10.0	10/18/2017	ND	208	104	200	0.307	
EXT DRO >C28-C36	<10.0	10.0	10/18/2017	ND					
Surrogate: 1-Chlorooctane	81.6	% 28:3-16-	f						
Surrogate: 1-Chlorooctadecane	88.1	% 34.7-15	7						

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

REPUBLIC BACKHOE SERVICES ERIC GARCIA 47 E. DICKENS RD LOVINGTON NM, 88260

Fax To: NONE

 Received:
 10/16/2017

 Reported:
 10/23/2017

 Project Name:
 WYATT PHILIPS

 Project Number:
 NONE GIVEN

 Project Location:
 NOT GIVEN

 Sampling Date:
 10/13/2017

 Sampling Type:
 Soil

 Sampling Condition:
 Cool & Intact

 Sample Received By:
 Tamara Oldaker

Sample ID: I-1 (H702799-11)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte:	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	10/20/2017	ND	1.72	86.2	2,00	0.526	
Toluene*	<0.050	0.050	10/20/2017	ND	1.73	86.5	2.00	0.748	
Ethylbenzene*	<0,050	0.050	10/20/2017	ND	1.75	87.6	2,00	1.02	
Total Xylenes*	<0.150	0.150	10/20/2017	ND	5.30	88,3	6.00	2.27	
Total BTEX	<0.300	0.300	10/20/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 72-148	07						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	576	16.0	10/20/2017	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS		***			
Analyte:	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifies
GRO C6-C10	<10.0	10.0	10/18/2017	ND	188	94.0	200	0.494	
DRO >C10-C28	<10.0	10.0	10/18/2017	ND	208	104	200	0.307	
EXT DRO >C28-C36	<10.0	10.0	10/18/2017	ND					
Surrogate: 1-Chlorooctane	72.9	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	91.0	% 34.7-15	7						

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

REPUBLIC BACKHOE SERVICES ERIC GARCIA 47 E. DICKENS RD LOVINGTON NM, 88260

Fax To: NONE

Received: 10/16/2017 Reported: 10/23/2017 Project Name: WYATT PHILIPS Project Number: NONE GIVEN Project Location: NOT GIVEN

Sampling Date: 10/13/2017 Soil Sampling Type: Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: I-2 (H702799-12)

Sample 1D: 1-2 (H702799-12) BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2017	ND	1.72	86.2	2.00	0.526	
Toluene*	<0.050	0.050	10/20/2017	ND	1.73	86.5	2.00	0.748	
Ethylbenzene*	<0.050	0.050	10/20/2017	ND	1.75	87.6	2.00	1.02	
Total Xylenes*	< 0.150	0.150	10/20/2017	ND	5.30	88.3	6.00	2.27	
Total BTEX	<0.300	0.300	10/20/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 72-148							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2160	16.0	10/20/2017	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/18/2017	ND	188	94.0	200	0.494	
DRO >C10-C28	<10.0	10.0	10/18/2017	ND	208	104	200	0.307	
EXT DRO >C28-C36	<10.0	10.0	10/18/2017	ND					
Surrogate: 1-Chlorooctane	81.7	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	88.8	% 34.7-15	7						

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

REPUBLIC BACKHOE SERVICES ERIC GARCIA 47 E. DICKENS RD LOVINGTON NM, 88260 Fax To: NONE

 Received:
 10/16/2017

 Reported:
 10/23/2017

 Project Name:
 WYATT PHILIPS

 Project Number:
 NONE GIVEN

 Project Location:
 NOT GIVEN

 Sampling Date:
 10/13/2017

 Sampling Type:
 Soil

 Sampling Condition:
 Cool & Intact

 Sample Received By:
 Tamara Oldaker

Sample ID: J-1 (H702799-13)

BTEX 8021B	mg,	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	10/20/2017	ND	1,72	86.2	2.00	0.526	
Toluene*	<0.050	0.050	10/20/2017	ND	1.73	86.5	2.00	0.748	
Ethylbenzene*	<0.050	0.050	10/20/2017	ND	1.75	87.6	2.00	1.02	
Total Xylenes*	< 0.150	0.150	10/20/2017	ND	5.30	88.3	6.00	2.27	
Total BTEX	<0,300	0.300	10/20/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 72-148							
Chloride, SM4500CI-B	mg	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	16.0	16.0	10/20/2017	ND	416	104	400	3.77	
TPH 8015M	mg	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10	<10.0	10.0	10/18/2017	ND	188	94.0	200	0.494	
DRO >C10-C28	<10.0	10.0	10/18/2017	ND	208	104	200	0.307	
EXT DRO >C28-C36	<10.0	10.0	10/18/2017	ND					
Surrogate: 1-Chlorooctane	80.8	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	92.6	% 34.7-15	7						

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

REPUBLIC BACKHOE SERVICES ERIC GARCIA 47 E. DICKENS RD LOVINGTON NM, 88260 Fax To: NONE

 Received:
 10/16/2017

 Reported:
 10/23/2017

 Project Name:
 WYATT PHILIPS

 Project Number:
 NONE GIVEN

 Project Location:
 NOT GIVEN

 Sampling Date:
 10/13/2017

 Sampling Type:
 Soil

 Sampling Condition:
 Cool & Intact

 Sample Received By:
 Tamara Oldaker

Sample ID: J-2 (H702799-14)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Quarte
Benzene*	<0.050	0.050	10/20/2017	ND	1.72	86.2	2.00	0.526	
Toluene*	<0.050	0.050	10/20/2017	ND	1.73	86.5	2.00	0.748	
Ethylbenzene*	<0.050	0.050	10/20/2017	ND	1.75	87.6	2.00	1.02	
Total Xylenes*	<0.150	0.150	10/20/2017	ND	5.30	88.3	6.00	2.27	
Total BTEX	<0.300	0.300	10/20/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 72-148							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Linvi:	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	16.0	16.0	10/20/2017	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS				1.37	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10	<10.0	10.0	10/18/2017	ND	188	94.0	200	0.494	
DRO >C10-C28	<10.0	10.0	10/18/2017	ND	208	104	200	0.307	
EXT DRO >C28-C36	<10.0	10.0	10/18/2017	ND					
Surrogate: 1-Chlorooctane	80.0	% 28.3-16-							
Surrogate: 1-Chlorooctadecane	91.4	% 34.7-15	,						

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

REPUBLIC BACKHOE SERVICES ERIC GARCIA 47 E. DICKENS RD LOVINGTON NM, 88260 Fax To: NONE

 Received:
 10/16/2017

 Reported:
 10/23/2017

 Project Name:
 WYATT PHILIPS

 Project Number:
 NONE GIVEN

 Project Location:
 NOT GIVEN

 Sampling Date:
 10/13/2017

 Sampling Type:
 Soil

 Sampling Condition:
 Cool & Intact

 Sample Received By:
 Tamara Oldaker

Sample ID: J-6 (H702799-15)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Quarte
Benzene*	<0.050	0.050	10/20/2017	ND	1.72	86.2	2.00	0.526	
Toluene*	<0.050	0.050	10/20/2017	ND	1.73	86.5	2.00	0.748	
Ethylbenzene*	< 0.050	0.050	10/20/2017	ND	1.75	87.6	2.00	1.02	
Total Xylenes*	<0.150	0.150	10/20/2017	ND	5.30	88.3	6.00	2.27	
Total BTEX	<0.300	0.300	10/20/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 72-148							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	64.0	16.0	10/20/2017	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS				1.50	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10	<10.0	10.0	10/18/2017	ND	188	94.0	200	0.494	
DRO >C10-C28	<10.0	10.0	10/18/2017	ND	208	104	200	0.307	
EXT DRO >C28-C36	<10.0	10.0	10/18/2017	ND					
Surrogate: 1-Chlorooctane	80.2	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	85.7	% 34.7-15	7						

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Celey D. Keene, Lab Director/Quality Manager

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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 SM4500C-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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PURSON WOTTE: Libelity and Compage. Ordinals labelity and clearly exclusive remedy for any clean arising, whether based in command or port, drail be instinct to the amount gold by clear for analyses. All chains, including those for progressioned any other cause whotenesses what he desented valued under made in writing and received by Cardinal wells. Buttle, (OI) days after completion of the applicable service. In on execut drail Continual he labels for profession or consequential damages, including, whether interesticates, because interruptions, loss of use, or loss of profession including, whether a consequent acting out of or which to the performance of the services between the continual profession of the continual pro

Celey D. Keene, Lab Director/Quality Manager

Page 17 of 19



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-247		BILL TO	ANALYSIS REQUEST
impany Name: Republic Backhoe Soject Manager: Gric Garcia	avice ccc	P.O. #:	
idress: 4) E. Dickens		P.O. #: Company Noble Permiss Attn Join at Peanis Address: 1001 Noble Com State: The Zip: 77070 Phone #: Fax #:	dc
y: Caring - State: NW	Zip: 88260	Attni) on all a pennis	
one #: 575-67/-017 / Fax #:	Kunt landt	city: Houston	9400
oject #: Project Owns	Woble	State: 7x Zip: 77070	899
oject Location: Watt / Philips		Phone #:	Fm'8
impler Name: Friz Cos-cia	T MATRIX	Fax #: PRESERV SAMPLING	- X61
OH LAB LISE ONLY	e		
the same of the sa	(C)OMF ERS ATER TER	6 4	
Lab I.D. Sample I.D.	(G)RAB OR (C)ON # CONTAINERS GROUNDWATER WASTEWATER SOIL	STUDGE OTHER ACIDIBASE OTHER ACIDIBASE	
200200	G/RAS	DATE TIM	
702799	9 1/	1 10/13 9:3	
2 0-2	6 1/	1 10/13 7	
3 6-5	6 1/	1 10/3 10:	20
5 f-S	9 1	1/10/13 10	30
6 f-1	9 7	1/10/13 10:	00 1
7/9-1	6	10/13 11.	10 1 1 1 1 1
9 4-5	6	10/13 11:	10
10 H=1		encode or hert, should be limited to the personal paid by the	tinst for the
EASE HITE: Limity and Compan. Decimals buildly and charts an expose recently object. All claims, reducing from the registered and any other to an electromer and make. It has event about Control for build for incommit or unmounted demography and	Lieu Seurgelt weiter untere meder ist wille aging unfrest emission. Desirates internal	many is based upon any of the paper physical reporter to	- 1 W Pt
Relinquished By: Date: Date: Date:	Received By:	Fax	no Result: Yes No Add'l Phone #: Result: Yes No Add'l Fax #:
/ - I Time: 212	5 Halus C	WUDOW REM	MARKS:
Gashus Date: Date:	Received By		jasmine barr 20@yahoo.com ericgarcia Ga@hotmail.com
Time:	1727 172	adition CHECKED BY:	encyarcia 62 @ notmail com
Delivered By: (Circle One)	Sample Co Cool Into	ect (Initials)	3
Sampler - UPS - Bus - Other: /13F	No L	No HC	



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

(575) 393-2326 FAX (575) 393-24	76	BILL TO	ANALYSIS REQUEST
company Name: Republic Backhee Seroject Manager: Eric Garain ddress: 4) E. Drock ans Ru State: Nr chone # 57-43/-0/3/ Fax #. Project Name: Wy If Philips Project Location Wy If Philips Gampler Name: Force Garain	zip: 88260 er: Southwrit Roult	P.O. #: Company: Walle Perman Attn: T. Pennin; t Address: Jool Walle Fary City: Hursh- State: Tx Zip: 17070 Phone #: Fax #: PRESERV SAMPLING	w-s-
Lab I.D. Sample I.D. H702799 11 12 13 13 14 15 1-6	S GONTAINERS GROUNDWATER WASTEWATER CACCOLL CA	OTHER ACIDIBASE (10/13 / 1/20) (1/3 / 1/3	* * * * * * * * * * * * * * * * * * *

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[†] Cardinal cannot accept verbal changes, Please fax written changes to (575) 393-2326.