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	NCS1928253438
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

				1	•	,					
Responsible	Party Hilco	orp Energy Compa	nny		OGRID 372171						
Contact Nan	ne Jennifer	Deal			Contact Telephone 505-801-6517						
Contact ema	Contact email jdeal@hilcorp.com					NCS192825343	8				
Contact mail	ling address	382 Road 3100,	Aztec NM 87410	0							
			Location	n of R	elease So	ource					
Latitude 36.	.8973885		(NAD 83 in a		Longitude - rees to 5 decin	-108.1063614 nal places)					
Site Name S	State Gas Co	om BB 4			Site Type	Gas Well					
		9/8/2019 @ 2:00	Onm		API# 30-04:						
Date Release	Discovered	2,00/2017 @ 2.00	<i>ор</i> ш		7 11 111 30-04.)-331 44					
Unit Letter	Section	ction Township Range				ity					
L	16	31N	12W	San J	uan						
	Materia		Nature an	nd Vol		justification for the v	volumes provided below)				
Crude Oi	1	Volume Release	ed (bbls)			Volume Recovered (bbls)					
Produced	Water	Volume Release	ed (bbls) 20			Volume Recovered (bbls) 20					
		Is the concentral produced water	tion of dissolved >10,000 mg/l?	l chloride	in the	☐ Yes ☐ No					
☐ Condensa	ate	Volume Release	ed (bbls) 0.12			Volume Recovered (bbls)					
☐ Natural C	Gas	Volume Release	ed (Mcf)			Volume Recovered (Mcf)					
Other (describe) Volume/Weight Released (provide unit			ide units)	s) Volume/Weight Recovered (provide units)							
	20 bbls of P						grade tank overfilling. Operations ours in advance for sampling.				

Form C-141 Page 3

State of New Mexico Oil Conservation Division

Incident ID	NCS192853438
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?	~64 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ⊠ No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
<u>Characterization Report Checklist</u> : 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 well Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody 	ls.

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 Page 4

State of New Mexico Oil Conservation Division

Incident ID	NCS192853438
District RP	
Facility ID	
Application ID	

regulations all operators are required to report and/or file certain release republic health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a second contamination and the contamination of the contam	notifications and perform corrective actions for releases which may endanger to OCD does not relieve the operator of liability should their operations have threat to groundwater, surface water, human health or the environment. In of responsibility for compliance with any other federal, state, or local laws
Printed Name:Jennifer Deal	Title:Environmental Specialist
Signature:	Date:10/9/2019
email:jdeal@hilcorp.com	Telephone:(505) 324-5128
OCD Only	
Received by:	Date:

Form C-141 Page 6

State of New Mexico Oil Conservation Division

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

Incident ID	NCS192853438
District RP	
Facility ID	
Application ID	

Closure

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

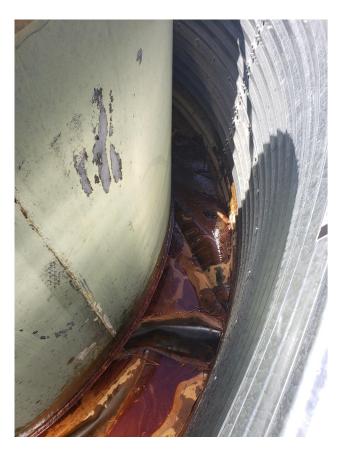
A scaled site and sampling diagram as described in 19.15.29.11	NMAC
Photographs of the remediated site prior to backfill or photos o must be notified 2 days prior to liner inspection)	f the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC)	District office must be notified 2 days prior to final sampling)
□ Description of remediation activities	
	diate contamination that pose a threat to groundwater, surface water, C-141 report does not relieve the operator of responsibility for ons. The responsible party acknowledges they must substantially litions that existed prior to the release or their final land use in D when reclamation and re-vegetation are complete.
Signature:	Date: 10/9/2019
email:jdeal@hilcorp.com Tele	
OCD Only	
Received by: OCD	Date: _10/9/19
	fliability should their operations have failed to adequately investigate and ater, human health, or the environment nor does not relieve the responsible regulations.
Closure Approved by: large lar	Date: 12/10/19
	Date:

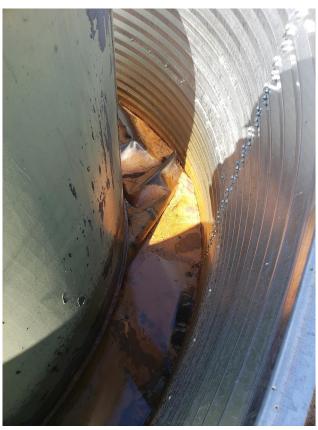
Scaled Map

N ↑



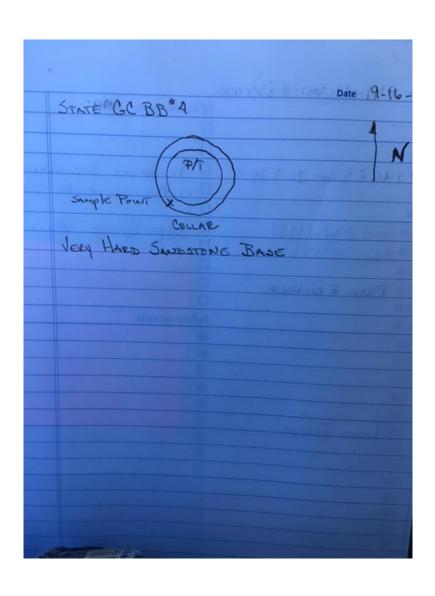
Photographs – 9/8/2019 Initial Release







Field Data



Data table of soil contaminant concentration data

TABLE 1													
SOIL ANALYTICAL RESULTS													
STATE GAS COM BB 4													
HILCORP ENERGY - L48 WEST													
Soil Sample Identification	Sample	Field	Benzene	Toluene	Ethylbenzene (mg/kg)	Total	Total	Chlorides	GRO	DRO	MRO	GRO+DRO	TPH
Son Sample Identification	Date	Headspace	(mg/kg)	(mg/kg)	Ethylbenzene (mg/kg)	Xylenes	BTEX	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
BGT Cellar	9/25/2019		< 0.0005	< 0.005	< 0.0005	< 0.0015	< 0.005	2190	0	282	870	282	1152
NMOCD Standard	ds	NE	10	NE	NE	NE	50	10,000	NE	NE	NE	1,000	2,500

Depth to water determination



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

(R=POD has been replaced, O=orphaned,

C=the file is (quarters are 1=NW 2=NE 3=SW 4=SE)
closed) (quarters are smallest to largest) (NA

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub- basin	County	Q Q 64 16	7000		Tws	Rng	x	Y	DepthWellDepth ¹		Vater olumn
SJ 04111 POD18		SJ	SJ	4	1	16	31N	12W	224100	4088379	86	64	22
SJ 04111 POD19		SJ	SJ	4	1	16	31N	12W	224108	4088363	88	70	18
SJ 04111 POD20		SJ	SJ	4	1	16	31N	12W	224116	4088340	89	88	1

Average Depth to Water: 74 feet

Minimum Depth: 64 feet

Maximum Depth: 88 feet

Record Count: 3

PLSS Search:

Section(s): 16

Township: 31N

Range: 12W

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.

Determination of water sources and significant watercourses within ½ mile of the lateral extent of the release





Photographs – 9/25/19 Sampling Event

BGT



Inside Cribbing



Topographic/Aerial Maps





NMAC 19.15.29.13 Comment

 Because the remediated area is currently used for production operations, HEC will restore the pad in compliance with NMAC 19.15.29.13(D) upon P&A

State Gas Com BB 4

- Release occurred on September 8, 2019
- Operations steam cleaned the pit tank and cribbing area
- Confirmation sampling occurred on September 25th at 9:00am

Jennifer Deal

From: Jennifer Deal

Sent: Friday, September 20, 2019 2:32 PM

To: cory.smith@state.nm.us; 'bfoley@slo.state.nm.us'

Cc: Kurt Hoekstra; Joey Becker; Josh Jones

Subject: State Gas Com BB 4 - Confirmation Sampling

Follow Up Flag: Follow up Flag Status: Flagged

Good afternoon,

Hilcorp Energy is providing 48 hour notice of confirmation sampling to occur on September 25 at 9am for the release that occurred at the State Gas Com BB 4. Please let me know if you have any questions.

Thank you,

Jennifer Deal Environmental Specialist Hilcorp Energy – L48 West jdeal@hilcorp.com 382 Road 3100

Aztec, NM 87410 Office: (505) 324-5128 Cell: (505) 801-6517



ANALYTICAL REPORT

October 01, 2019

HilCorp-Farmington, NM

Sample Delivery Group: L1143797

Samples Received: 09/27/2019

Project Number:

State Gas Com BB #4 Description:

STATE GAS COM BB#4 Site:

Report To: Jennifer Deal

382 Road 3100

Aztec, NM 87401

















Entire Report Reviewed By:

Olivia Studebaker

Project Manager Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	4
Sr: Sample Results	5
BGT CELLAR L1143797-01	5
Qc: Quality Control Summary	6
Wet Chemistry by Method 300.0	6
Volatile Organic Compounds (GC) by Method 8015/8021	7
Semi-Volatile Organic Compounds (GC) by Method 8015	9
GI: Glossary of Terms	10
Al: Accreditations & Locations	11
Sc: Sample Chain of Custody	12



















Collected date/time Received date/time



BGT CELLAR L1143797-01 Solid			K. Hoekstra	09/25/19 09:10	09/27/19 08:4	45
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Wet Chemistry by Method 300.0	WG1353343	10	09/28/19 10:20	09/28/19 16:30	ST	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1354044	1	09/27/19 13:30	09/29/19 00:56	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1353632	1	09/28/19 05:43	09/28/19 18:15	KME	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1353632	10	09/28/19 05:43	09/29/19 13:16	KME	Mt. Juliet. TN

SAMPLE SUMMARY

Collected by



















1

²Tc















All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Olivia Studebaker Project Manager

SAMPLE RESULTS - 01

ONE LAB. NATIONWIDE.

Wet Chemistry by Method 300.0

Collected date/time: 09/25/19 09:10

	Result	Qualifier	<u>ualifier</u> RDL Dilu		Analysis	<u>Batch</u>
Analyte	mg/kg	mg/kg			date / time	
Chloride	2190	В	100	10	09/28/2019 16:30	WG1353343



Volatile Organic Compounds (GC) by Method 8015/8021

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg		date / time	
Benzene	ND		0.000500	1	09/29/2019 00:56	WG1354044
Toluene	ND		0.00500	1	09/29/2019 00:56	WG1354044
Ethylbenzene	ND		0.000500	1	09/29/2019 00:56	WG1354044
Total Xylene	ND		0.00150	1	09/29/2019 00:56	WG1354044
TPH (GC/FID) Low Fraction	0.212	В	0.100	1	09/29/2019 00:56	WG1354044
(S) a,a,a-Trifluorotoluene(FID)	93.1		77.0-120		09/29/2019 00:56	WG1354044
(S) a,a,a-Trifluorotoluene(PID)	96.6		72.0-128		09/29/2019 00:56	WG1354044



СQс GI

Semi-Volatile Organic Compounds (GC) by Method 8015

	Result	Qualifier	RDL	Dilution	Analysis	<u>Batch</u>
Analyte	mg/kg		mg/kg		date / time	
C10-C28 Diesel Range	282		4.00	1	09/28/2019 18:15	WG1353632
C28-C40 Oil Range	870		40.0	10	09/29/2019 13:16	WG1353632
(S) o-Terphenyl	67.1		18.0-148		09/28/2019 18:15	WG1353632
(S) o-Terphenyl	80.9		18.0-148		09/29/2019 13:16	WG1353632







ONE LAB. NATIONWIDE.

Wet Chemistry by Method 300.0

L1143797-01

Method Blank (MB)

(MB) R3455690-1 09/2	8/19 12:01			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Chloride	24 9		0.795	10.0









(OS) L1143080-01 09/28/19 14:16 • (DUP) R3455690-3 09/28/19 14:26

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	5650	5570	50	143		20









(LCS) R3455690-2 09/28/19 12:11

(LCS) NS+33030-2 03/20	3/13 12.11				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qua
Analyte	mg/kg	mg/kg	%	%	
Chloride	200	220	110	90.0-110	







(OS) L1143158-05 09/28/19 15:04 • (MS) R3455690-4 09/28/19 15:14 • (MSD) R3455690-5 09/28/19 15:42

(OS) L1143158-05 09/28/19	. ,	Original Result		MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Chloride	50.0	438	946	926	102	97.6	10	80.0-120			2.18	20

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Volatile Organic Compounds (GC) by Method 8015/8021

L1143797-01

Method Blank (MB)

(MB) R3455957-3 09/28	(MB) R3455957-3 09/28/19 16:15							
	MB Result	MB Qualifier	MB MDL	MB RDL				
Analyte	mg/kg		mg/kg	mg/kg				
Benzene	U		0.000120	0.000500				
Toluene	0.000169	<u>J</u>	0.000150	0.00500				
Ethylbenzene	U		0.000110	0.000500				
Total Xylene	U		0.000460	0.00150				
TPH (GC/FID) Low Fraction	0.0566	<u>J</u>	0.0217	0.100				
(S) a,a,a-Trifluorotoluene(FID)	93.5			77.0-120				
(S) a.a.a-Trifluorotoluene(PID)	95.7			72.0-128				



(LCS) R3455957-1 09/28	3/19 15:13					
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier	L
Analyte	mg/kg	mg/kg	%	%		8
Benzene	0.0500	0.0454	90.9	76.0-121		L
Toluene	0.0500	0.0440	88.0	80.0-120		Ş
Ethylbenzene	0.0500	0.0449	89.7	80.0-124		l
Total Xylene	0.150	0.143	95.0	37.0-160		١
(S) a,a,a-Trifluorotoluene(FID)			93.6	77.0-120		
(S) a,a,a-Trifluorotoluene(PID)			95.3	72.0-128		

Laboratory Control Sample (LCS)

(LCS) R3455957-2 09/28/19 15:34										
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier					
Analyte	mg/kg	mg/kg	%	%						
TPH (GC/FID) Low Fraction	5.50	5.09	92.6	72.0-127						
(S) a,a,a-Trifluorotoluene(FID)			105	77.0-120						
(S) a.a.a-Trifluorotoluene(PID)			106	72.0-128						



















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Volatile Organic Compounds (GC) by Method 8015/8021

L1143797-01

L1143785-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

101	C) 11 10 70 F 01	00/20/10 22:52	(NAC) DO AFFOET A	00/20/10 01:10	(MACD) F	22455057.5	00/20/10 01:27
(O)	5) L1143/85-21	09/28/19 22:53	• (MS) R3455957-4	09/29/19 01:16 •	(IVISD) F	73455957-5	09/29/19 01:37

(,														
	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits	Г	
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%		
Benzene	0.0500	0.00193	0.0388	0.0408	73.8	77.7	1	10.0-155			4.88	32	L	
Toluene	0.0500	ND	0.0338	0.0375	66.3	73.7	1	10.0-160			10.5	34		
Ethylbenzene	0.0500	ND	0.0299	0.0372	59.8	74.4	1	10.0-160			21.7	32	L	
Total Xylene	0.150	ND	0.0904	0.106	59.9	70.4	1	10.0-160	<u>J6</u>	<u>J6</u>	16.1	32	ſ	
(S) a,a,a-Trifluorotoluene(FID)					90.2	91.5		77.0-120						
(S) a.a.a-Trifluorotoluene(PID)					91.8	93.3		72.0-128						

















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Semi-Volatile Organic Compounds (GC) by Method 8015

L1143797-01

Method Blank (MB)

(MB) R3455614-1 09/28	3/19 13:53			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C40 Oil Range	U		0.274	4.00
(S) o-Terphenvl	80.8			18.0-148







(LCS) R3455614-2 09/28	8/19 14:14				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
C10-C28 Diesel Range	50.0	39.5	79.0	50.0-150	
(S) o-Terphenyl			77.9	18.0-148	

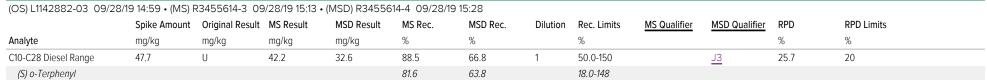
















GLOSSARY OF TERMS

ONE LAB. NATIONWIDE.

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

Appleviations and	2 Definitions
MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

times of preparation and/or analysis.

В	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.









Sr



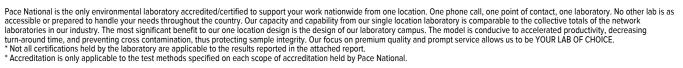






ACCREDITATIONS & LOCATIONS





State Accreditations

Alabama	40660
Alaska	17-026
Arizona	AZ0612
Arkansas	88-0469
California	2932
Colorado	TN00003
Connecticut	PH-0197
Florida	E87487
Georgia	NELAP
Georgia ¹	923
Idaho	TN00003
Illinois	200008
Indiana	C-TN-01
Iowa	364
Kansas	E-10277
Kentucky 16	90010
Kentucky ²	16
Louisiana	Al30792
Louisiana ¹	LA180010
Maine	TN0002
Maryland	324
Massachusetts	M-TN003
Michigan	9958
Minnesota	047-999-395
Mississippi	TN00003
Missouri	340
Montana	CERT0086

Nebraska	NE-OS-15-05
Nevada	TN-03-2002-34
New Hampshire	2975
New Jersey-NELAP	TN002
New Mexico ¹	n/a
New York	11742
North Carolina	Env375
North Carolina ¹	DW21704
North Carolina ³	41
North Dakota	R-140
Ohio-VAP	CL0069
Oklahoma	9915
Oregon	TN200002
Pennsylvania	68-02979
Rhode Island	LAO00356
South Carolina	84004
South Dakota	n/a
Tennessee 1 4	2006
Texas	T104704245-18-15
Texas ⁵	LAB0152
Utah	TN00003
Vermont	VT2006
Virginia	460132
Washington	C847
West Virginia	233
Wisconsin	9980939910
Wyoming	A2LA

Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	
A2LA - ISO 17025 5	1461.02	
Canada	1461.01	
EPA-Crypto	TN00003	

AIHA-LAP,LLC EMLAP	100789
DOD	1461.01
USDA	P330-15-00234

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



















			Billing Info	Billing Information:					,	Analysis / Container / Preservative							Chain of Cus	tody	Page of _	
			ATTN: Jennifer Deal					72									Pa	Ce Al	nalytical* v for Testing & Innov	
Report to: Jennifer Deal				Email To: jdeal@hilcorp.com; khoekstra@hilcorp													12065 Lebano Mount Juliet, Phone: 615-75	TN 3712		
Project Description: State Gas Com B	B#4		City/State Collected: Aztec, NM				0										Phone: 800-76 Fax: 615-758-5	7-5859		
Phone: 505-324-5128 Fax:	Total Control			Lab Project #			IO, MRO										3	410	797	
Collected by (print): K Hoekstra	Site/Facility II State Gas		4	P.O. #			O, GRO									Acctnum: HILC				
Collected by (spenajure):	Same D	Lab MUST Be ray Five	Day	Quote #	esults Needed		5-DRO	-	300.0								Template: Prelogin:			
Immediately Packed on Ice N YX	X Two Da Three D	y 10 D	ay (Rad Only)	Date Re	esuits Needed	No. of	-801	X 8021	Chloride								TSR: PB:			
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Cntrs	TPH	BTEX	Chic								Shipped Vi		Sample # (lab	
BGT Cellar	Grab	SS		9-25	9:10	1	×	X	×									0	01	
						J.														
						1														
Matrix: SS - Soil AIR - Air F - Filter SW - Groundwater B - Bioassay WW - WasteWater	Remarks:					1				pH		Tem			COC S	Seal Pr Signed, les arr	ple Receip resent/Int /Accurate: rive intac	act: t:	Cklist NP Y	
OW - Drinking Water OT - Other	Samples retu	Date:	1	Fime:	Tracking # 479) Received by: (Signa	4 g	382	t) <	383	2	ink Rece	ived: Y	es (No)	VOA 2	Zero He	volume se If Appli eadspace: on Correct	nt: .cable	ked: Y	
Relinquished by : (Signature) Date:		9-21		7:00						HCL/MeoH RAD SCR							EEN: <0.5 mR/hr			
		1	Fime:	Received by: (Signa				Temp: °CABottles Received:				If pres	If preservation required by Login: Date/Time							
Relinquished by : (Signature)		Date:	Т	Time:	Received for lab by	: (Signat	ture)			Date:		Tim	e:	1-	Hold:				Condition NCF /	