

Closure Report

INCIDENT ID # nAB1506442486

Site Description

Site Name:	WINSTON GAS COM BATTERY
Company:	Oxy USA, Inc.
Legal Description:	B , S 31, TS 21S,R 24E
County:	EDDY
GPS Coordinates:	32.440530 , -104.5370

Release Data

Date of Release:	2/17/2015
Type of Release:	CRUDE OIL
Source of Release:	A BACK PRESSURE VALVE ON THE HEATER TREATER MALFUNCTIONED
Volume of Release:	10 bbls
Volume Recovered:	6 bbls

Remediation Specifications

Remediation Parameters:	This site is listed on the Agreed Compliance Order of 4/5/19. This site had previously been remediated but no paperwork existed for verification therefore, OXY performed confirmation sampling to verify remediation limits had been met. The enclosed site diagram depicts the spill area, excavation depths, and the confirmation sample points. OXY collected sidewall and bottom confirmation samples every 200 square feet .	
Remediation Activities:	Apr-15	
Plan Sent to OCD:	4/10/2015	
OCD Approval of Plan:		
Plan Sent to BLM:		
BLM Approval of Plan:		

Supporting Documentation

C-141, page 6	signed and included	
Site Diagram	Google Earth map with excavation depths & confirmation sample points	
Pictures	Closure photos	
Lab Summary/Analysis	Confirmation lab summary/analysis report	
Notifications	7/22/2022	

Request for Closure

Based on the completion of the remediation plan, BBC International requests closure approval from NMOCD.

Cliff P. Brunson
President, BBC International, Inc.

9/29/2022

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAB1506442486
District RP	
Facility ID	
Application ID	

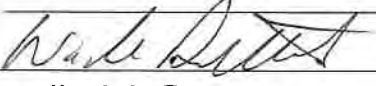
Closure

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.

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

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 8-31-22
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

From: [Cliff Brunson](#)
To: ["Enviro. OCD, EMNRD"](#)
Cc: ["Wade Dittrich"](#); ["Ken Swinney"](#); ["Jennifer Gilkey"](#); [Kathy Sweeney](#)
Subject: OXY - Winston Gas Com Battery (nAB1506442486) - Sampling Notification
Date: Friday, July 22, 2022 5:02:12 PM

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Winston Gas Com Battery (nAB1506442486) (2/17/15) on Tuesday, July 26, 2022 at 10:00 a.m.

Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
1324 W. Marland St.
Hobbs, NM 88240 USA
Phone: (575) 397-6388
Fax: (575) 397-0397
E-Mail: cbrunson@bbcinternational.com



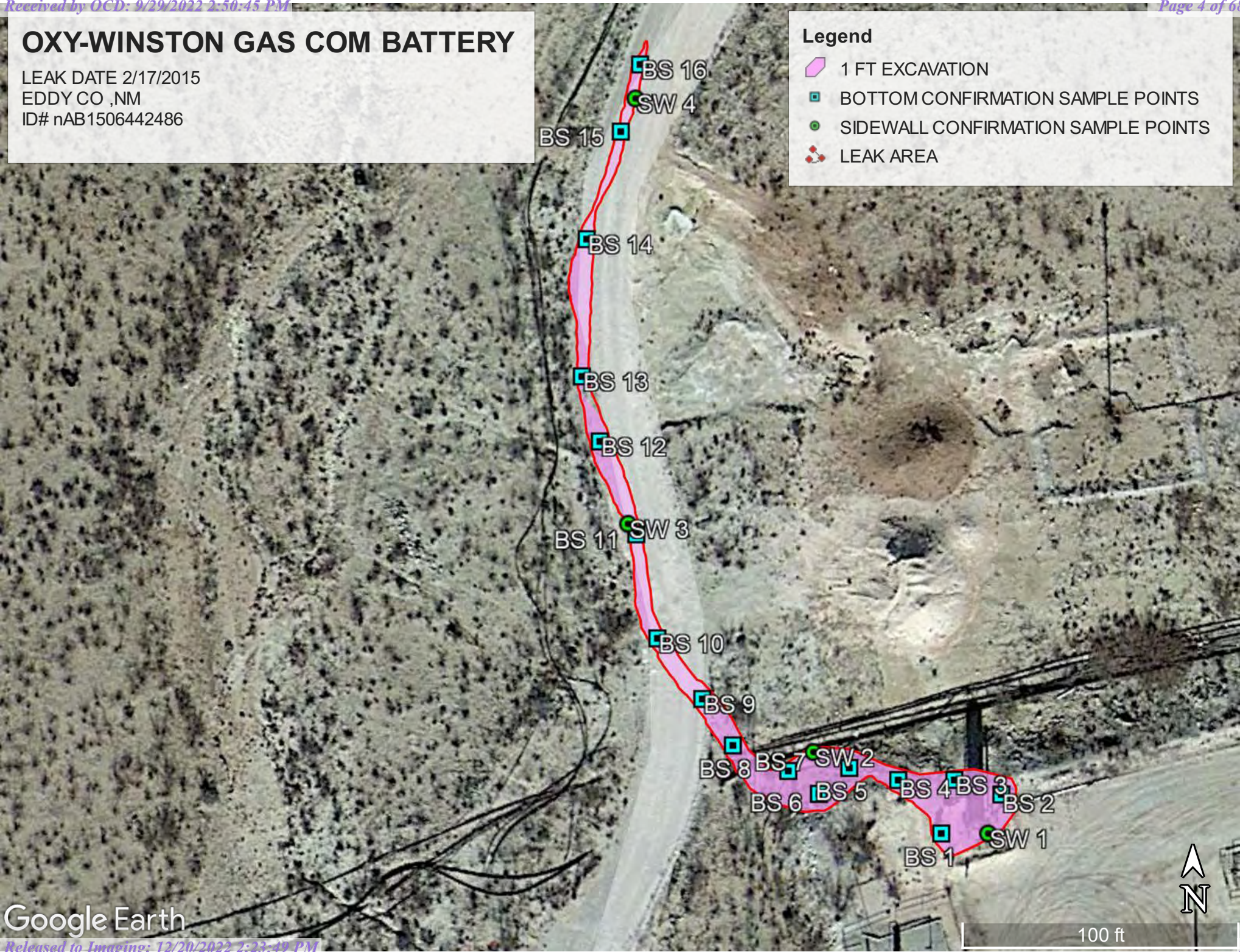
Confidentiality Notice: This electronic transmission (and any attached documents) is intended only for the person(s) to whom it is addressed and may contain information that is privileged, confidential, or otherwise protected from disclosure. If you have received this transmission in error, please immediately notify the sender by e-mail or by telephone call to (575) 397-6388 for handling instructions. Any disclosure or distribution of the contents of this transmission by anyone other than the named recipient(s) is strictly prohibited.

OXY-WINSTON GAS COM BATTERY

LEAK DATE 2/17/2015
EDDY CO ,NM
ID# nAB1506442486

Legend

- 1 FT EXCAVATION
- BOTTOM CONFIRMATION SAMPLE POINTS
- SIDEWALL CONFIRMATION SAMPLE POINTS
- LEAK AREA



WINSTON GAS COM BATTERY LEAK (2/17/15)

SAMPLE DATE 7/26/22

BS 1@1'	N32.44070	W-104.53741
BS 2@1'	N 32.44068	W-104.53739
BS 3@1'	N32.44072	W-104.53747
BS 4@1'	N32.44077	W-104.53749
BS 5@1'	N32.44076	W-104.53756
BS 6@1'	N32.44073	W-104.53763
BS 7@1'	N32.44072	W-104.53766
BS 8@1'	N32.44075	W-104.53767
BS 9@1'	N32.44083	W-104.53772
BS 10 @1'	N32.44085	W-104.53777
BS 11@1'	N32.44094	W-104.53781
BS 12@1'	N32.44101	W-104.53783
BS 13@1'	N32.44111	W-104.53784
BS 14@1'	N32.44120	W-104.53787
BS 15@1'	N32.44130	W-104.53785
BS 16@1'	N32.44142	W-104.53772
SW 1	N32.44066	W-104.53737
SW 2	N32.44077	W-104.53759
SW 3	N32.44141	W-104.53777
SW 4	N32.44101	W-104.53787

	Sample ID	BS 1 @ 1'	BS 2 @ 1'	BS 3 @ 1'	BS 4 @ 1'	BS 5 @ 1'	BS 6 @ 1'	BS 7 @ 1'	BS 8 @ 1'	BS 9 @ 1'	BS10@ 1'	BS 11 @ 1'	BS12 @ 1'	BS13 @ 1'	BS14 @ 1'	BS15 @ 1'	BS16 @ 1'
Analyte	Date	7/26/22	7/26/22	7/26/22	7/26/22	7/26/22	7/26/22	7/26/22	7/26/22	7/26/22	7/26/22	7/26/22	7/26/22	7/26/22	7/26/22	7/26/22	7/26/22
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	0.051	<0.050	0.062	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		<16.0	<16.0	16.0	<16.0	<16.0	<16.0	16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.00	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	SW 1	SW 2	SW 3	SW 4
Analyte	Date	7/26/22	7/26/22	7/26/22	7/26/22
		mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050
Toluene		0.051	<0.050	<0.050	0.066
Ethylbenzene		<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.0150	<0.0150
Total BTEX		<0.300	<0.300	<0.300	<0.300
Chloride		<16.0	<16.0	<16.0	<16.0
GRO		<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0



OXY- WINSTON GAS COM BATTERY (2/17/15)





OXY- WINSTON GAS COM BATTERY (2/17/15)





OXY- WINSTON GAS COM BATTERY (2/17/15)





OXY- WINSTON GAS COM BATTERY (2/17/15)





April 10, 2015

Mr. Mike Bratcher
NMOCD District 2

AMARILLO
 921 North Bivins
 Amarillo, Texas 79107
 Phone 806.467.0607
 Fax 806.467.0622

811 S. 1st Street
 Artesia, NM 88210

Subject: **Soil Assessment and Remediation Work Plan**

Oxy Permian, LTD
 Winston Gas Com Battery
 API #: 30-015-28633
 2RP-2858

ARTESIA
 408 West Texas Ave.
 Artesia, New Mexico 88210
 Phone 575.746.8768
 Fax 575.746.8905

HOBBS
 318 East Taylor Street
 Hobbs, New Mexico 88240
 Phone 575.393.4261
 Fax 575.393.4658

Oxy Permian (Oxy) has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above referenced location. The results of our soil assessment and proposed remediation activities consist of the following

Incident Date

The release was discovered on February 17, 2015.

Background Information

MIDLAND
 2901 State Hwy 349
 Midland, Texas 79706
 Phone 432.522.2133
 Fax 432.522.2180

OKLAHOMA CITY
 7700 North Hudson Avenue
 Suite 10
 Oklahoma City, Oklahoma 73116
 Phone 405.486.7030
 Fax 806.467.0622

SAN ANTONIO
 13111 Lookout Way
 San Antonio, Texas 78233
 Phone 210.265.8025
 Fax 210.568.2191

The Winston Gas Com Battery is located approximately thirty-six (36) miles southwest of Artesia, New Mexico. The legal location for this site is Unit Letter B, Section 31, Township 21 South, and Range 24 East. More specifically the latitude and longitude for the release are 32.4405 North and -104.5370 West. A site plan is presented in [Appendix I](#).

According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area is made up of Ector stony loam with 0 to 9 percent slopes. Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology is Paleozoic Age sedimentary deposits, comprised of the Guadeloupien Artesia Group, Tansil and Yates formations which are made up of residuum weathered limestone underlain by very cobbly loam and hard caliches. Drainage courses in this area are normally dry. Ground water in the project vicinity is approximately 90-feet below ground surface (bgs). See [Appendix II](#) for the referenced groundwater data.

The ranking for this site is **10** based on the following:

ENVIRONMENTAL CONSULTING	Depth to ground water	>50'
ENGINEERING	Wellhead Protection Area	>1000'
DRILLING	Distance to surface water body	>1000'
CONSTRUCTION		
SPILL MANAGEMENT		
GENERAL CONTRACTING		

Incident Description

A back pressure valve on the heater treater malfunctioned causing a release of 10bbbls of oil. The facility was shut-in and the valve was repaired and put back into service. A vacuum truck was dispatched to the location to recover the standing fluids. Approximately 6bbbls of fluid were recovered.

Talon mobilized personnel to conduct an initial site assessment and to perform soil sampling within the impacted area. Due to the shallow soils and the rockiness of this area refusal was encountered with a hand auger at depths varying from 0-feet to 0.5-feet bgs. In order to further vertically delineate the site a backhoe was mobilized to aid in soil sampling. Again due to the rockiness of the location refusal was encountered with the backhoe at depths varying from 4-inches to 3-feet bgs.

Laboratory Results

See [Appendix III](#) for complete report of laboratory results.

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-1	0	291	ND	5620	9690
S-1	0.5	199	416	3380	5150
S-2 REFUSAL	0	976	ND	35200	51800
S-3 REFUSAL	0	861	ND	22300	36100
S-4 REFUSAL	0	635	80	14300	27600
S-5	0	254	ND	7390	24600
S-5R	0.5	277	1650	7960	26100
BG-1	0	2.24	ND	12.6	ND
BG-1 REFUSAL	0.5	209	ND	4110	10100
S-1 REFUSAL	1	262	--	7060	9450
S-2 REFUSAL	0.3	33.1	--	824	1950
S-3	1	544	--	14000	20900
S-3	2	ND	--	ND	ND
S-3	3	ND	--	ND	10.6
S-3 REFUSAL	4	4.9	--	183	760
S-4 REFUSAL	0.5	15.5	--	513	2190
S-5 REFUSAL	0.7	0.9	32	35.4	275

(--) Analyte Not Tested

(ND) Analyte Not Detected

Based upon the site ranking of **10**, NMOCD Recommended Remedial Action Levels (RRAL) are 50 mg/kg for BTEX, 10 mg/kg for Benzene, and 1,000 mg/kg for TPH.

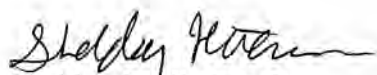
Proposed Remedial Actions

- The impacted area in the vicinity of sample locations S-1, S-2 and S-4 will be excavated to the top of rock, removing as much of the impacted soil as physically possible.
- The impacted area in the vicinity of sample location S-3 (flowpath) will be excavated to a depth of 2-feet bgs.
- The impacted area in the vicinity of sample location S-5 will be excavated to a depth of 0.7-feet bgs.
- Micro-Blaze (a bioremediation agent) will be spray applied to the exposed rock in the excavated area in the vicinity of sample locations S-1, S-2, and S-4.
- All of the excavated material will be hauled to an NMOCD approved solid waste disposal facility.
- The excavated area will be backfilled with caliche and contoured to match the surrounding terrain.

Should you have any questions or if further information is required, please do not hesitate to contact our office at 575.746.8768.

Respectfully submitted,

TALON/LPE



Sheldon L. Hitchcock
Project Manager



David J. Adkins
District Manager

SITE PLAN



Date: 02/19/2015

Scale: 1" = 50'

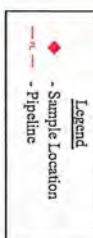
Drawn By: TJS

Winston Gas Com Battery

Oxy - NM - North

Eddy County, New Mexico

Figure 1 - Site Plan



GROUNDWATER DATA
INITIAL C-141



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 closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 02701			ED	3	3	3	20	21S	24E	544393	3591373*	2905	230	90	140

Average Depth to Water: 90 feet

Minimum Depth: 90 feet

Maximum Depth: 90 feet

Record Count: 1

Basin/County Search:

County: Eddy

UTM NAD83 Radius Search (in meters):

Easting (X): 542756

Northing (Y): 3588973

Radius: 3000

*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.

4/6/15 10:01 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

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

NM OIL CONSERVATION
ARTESIA DISTRICT
State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

MAR 04 2015

Form C-141
Revised August 8, 2011Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.**RECEIVED****Release Notification and Corrective Action**

NAB 1506 447 486

192463 OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: OXY USA WTP Limited Partnership	Contact: Chris Jones
Address: 102 S. Main St. Carlsbad, NM 88220	Telephone No.: 575-628-4121
Facility Name: Winston Gas Com Battery	Facility Type: Battery
Surface Owner: Federal	Mineral Owner: API No.: Lease #: 30-015-28633

LOCATION OF RELEASE

Unit Letter B	Section 31	Township 21S	Range 24E	Feet from the 697'	North/South Line North	Feet from the 2146'	East/West Line West	County Eddy
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Latitude 32.440530 N Longitude -104.5370 W

NATURE OF RELEASE

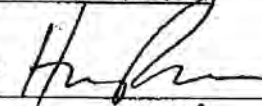
Type of Release: Oil	Volume of Release: 10 bbls	Volume Recovered: 6 bbls
Source of Release: Valve on Heater Treater Malfunctioned	Date and Hour of Occurrence 2/17/15	Date and Hour of Discovery 2/17/15
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour:	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* A back pressure valve on the heater treater malfunctioned causing a release of 10 barrels of oil. The facility was shut-in, the valve repaired and put back into service. A vacuum truck was immediately called to the location and 6 barrels of oil was recovered. Talon/LPE was contracted to perform an initial site assessment and soil sampling.

Describe Area Affected and Cleanup Action Taken.* The release left the northwest corner of the location then ran north along the lease road.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: Chris Jones <small>Digitally signed by Chris Jones DN: cn=Chris Jones, o=, email=christopher.jones@oxy.com, c=US Date: 2015.02.17 14:02:00Z</small>	OIL CONSERVATION DIVISION	
Printed Name: Chris Jones	Approved by Environmental Specialist: 	
Title: IIES Specialist	Approval Date: 3/5/15	Expiration Date: N/A
E-mail Address: Christopher.Jones@oxy.com	Conditions of Approval:	
Date: 2/23/2015 Phone: 575-628-4121	Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary

Remediation per O.C.D. Rules & Guidelines**SUBMIT REMEDIATION PROPOSAL NO
LATER THAN: 4/5/15**

2RP-2858

LABORATORY RESULTS



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

February 24, 2015

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: WINSTON GAS COM BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 02/19/15 10:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/19/2015
Reported: 02/24/2015
Project Name: WINSTON GAS COM BATTERY
Project Number: 700608.
Project Location: B-31-21-24

Sampling Date: 02/18/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-1 0' (H500482-01)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<5.00	5.00	02/21/2015	ND	1.85	92.3	2.00	5.10	
Toluene*	66.2	5.00	02/21/2015	ND	1.86	92.9	2.00	5.32	
Ethylbenzene*	23.7	5.00	02/21/2015	ND	1.84	92.0	2.00	5.66	
Total Xylenes*	201	15.0	02/21/2015	ND	5.45	90.8	6.00	4.79	
Total BTEX	291	30.0	02/21/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 95.3 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/20/2015	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	5620	100	02/19/2015	ND	194	97.1	200	0.244		
DRO >C10-C28	9690	100	02/19/2015	ND	192	96.2	200	1.14		

Surrogate: 1-Chlorooctane 177 % 47.2-157

Surrogate: 1-Chlorooctadecane 180 % 52.1-176

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:	02/19/2015	Sampling Date:	02/18/2015
Reported:	02/24/2015	Sampling Type:	Soil
Project Name:	WINSTON GAS COM BATTERY	Sampling Condition:	Cool & Intact
Project Number:	700608.	Sample Received By:	Jodi Henson
Project Location:	B-31-21-24		

Sample ID: S-1 0.5' R (H500482-02)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	02/21/2015	ND	1.85	92.3	2.00	5.10	
Toluene*	39.6	2.00	02/21/2015	ND	1.86	92.9	2.00	5.32	
Ethylbenzene*	17.0	2.00	02/21/2015	ND	1.84	92.0	2.00	5.66	
Total Xylenes*	143	6.00	02/21/2015	ND	5.45	90.8	6.00	4.79	
Total BTEX	199	12.0	02/21/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 99.4 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	02/20/2015	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	3380	50.0	02/19/2015	ND	194	97.1	200	0.244	
DRO >C10-C28	5150	50.0	02/19/2015	ND	192	96.2	200	1.14	

Surrogate: 1-Chlorooctane 153 % 47.2-157

Surrogate: 1-Chlorooctadecane 141 % 52.1-176

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/19/2015
Reported: 02/24/2015
Project Name: WINSTON GAS COM BATTERY
Project Number: 700608.
Project Location: B-31-21-24

Sampling Date: 02/18/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-2 0' R (H500482-03)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<25.0	25.0	02/21/2015	ND	1.85	92.3	2.00	5.10	
Toluene*	220	25.0	02/21/2015	ND	1.86	92.9	2.00	5.32	
Ethylbenzene*	78.0	25.0	02/21/2015	ND	1.84	92.0	2.00	5.66	
Total Xylenes*	678	75.0	02/21/2015	ND	5.45	90.8	6.00	4.79	
Total BTEX	976	150	02/21/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 93.7 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/20/2015	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	35200	100	02/19/2015	ND	194	97.1	200	0.244		
DRO >C10-C28	51800	100	02/19/2015	ND	192	96.2	200	1.14		

Surrogate: 1-Chlorooctane 751 % 47.2-157

Surrogate: 1-Chlorooctadecane 879 % 52.1-176

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/19/2015
Reported: 02/24/2015
Project Name: WINSTON GAS COM BATTERY
Project Number: 700608.
Project Location: B-31-21-24

Sampling Date: 02/18/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-3 0' R (H500482-04)

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<25.0	25.0	02/21/2015	ND	1.85	92.3	2.00	5.10	
Toluene*	177	25.0	02/21/2015	ND	1.86	92.9	2.00	5.32	
Ethylbenzene*	71.3	25.0	02/21/2015	ND	1.84	92.0	2.00	5.66	
Total Xylenes*	613	75.0	02/21/2015	ND	5.45	90.8	6.00	4.79	
Total BTEx	861	150	02/21/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 93.6 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/20/2015	ND	400	100	400	0.00		
TPH 8015M		mg/kg		Analyzed By: MS						S-06

TPH 8015M		mg/kg		Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	22300	100	02/19/2015	ND	194	97.1	200	0.244		
DRO >C10-C28	36100	100	02/19/2015	ND	192	96.2	200	1.14		

Surrogate: 1-Chlorooctane 494 % 47.2-157

Surrogate: 1-Chlorooctadecane 581 % 52.1-176

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/19/2015
Reported: 02/24/2015
Project Name: WINSTON GAS COM BATTERY
Project Number: 700608
Project Location: B-31-21-24

Sampling Date: 02/18/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-4 0' R (H500482-05)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<10.0	10.0	02/21/2015	ND	1.85	92.3	2.00	5.10	
Toluene*	90.5	10.0	02/21/2015	ND	1.86	92.9	2.00	5.32	
Ethylbenzene*	54.2	10.0	02/21/2015	ND	1.84	92.0	2.00	5.66	
Total Xylenes*	491	30.0	02/21/2015	ND	5.45	90.8	6.00	4.79	
Total BTX	635	60.0	02/21/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 99.7 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/20/2015	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	14300	100	02/20/2015	ND	194	97.1	200	0.244		
DRO >C10-C28	27600	100	02/20/2015	ND	192	96.2	200	1.14		

Surrogate: 1-Chlorooctane 370 % 47.2-157

Surrogate: 1-Chlorooctadecane 487 % 52.1-176

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/19/2015
Reported: 02/24/2015
Project Name: WINSTON GAS COM BATTERY
Project Number: 700608,
Project Location: B-31-21-24

Sampling Date: 02/18/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-5 0' (H500482-06)

BTX 8021B		mg/kg	Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<5.00	5.00	02/23/2015	ND	1.72	85.8	2.00	8.59	
Toluene*	19.1	5.00	02/23/2015	ND	1.73	86.3	2.00	8.14	
Ethylbenzene*	20.0	5.00	02/23/2015	ND	1.67	83.6	2.00	11.2	
Total Xylenes*	215	15.0	02/23/2015	ND	4.89	81.6	6.00	11.4	
Total BTX	254	30.0	02/23/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 103 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/20/2015	ND	400	100	400	0.00		
TPH 8015M		mg/kg		Analyzed By: MS						
S-06										

Surrogate: 1-Chlorooctane 297 % 47.2-157

Surrogate: 1-Chlorooctadecane 438 % 52.1-176

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/19/2015
Reported: 02/24/2015
Project Name: WINSTON GAS COM BATTERY
Project Number: 700608.
Project Location: B-31-21-24

Sampling Date: 02/18/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-5 0.5'R (H500482-07)

BTX 8021B			mg/kg		Analyzed By: ms				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<5.00	5.00	02/23/2015	ND	1.72	85.8	2.00	8.59	
Toluene*	23.2	5.00	02/23/2015	ND	1.73	86.3	2.00	8.14	
Ethylbenzene*	21.9	5.00	02/23/2015	ND	1.67	83.6	2.00	11.2	
Total Xylenes*	232	15.0	02/23/2015	ND	4.89	81.6	6.00	11.4	
Total BTX	277	30.0	02/23/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 101 % 61-154

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1650	16.0	02/20/2015	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	7960	100	02/20/2015	ND	202	101	200	0.814	
DRO >C10-C28	26100	100	02/20/2015	ND	188	94.2	200	2.87	

Surrogate: 1-Chlorooctane 321 % 47.2-157

Surrogate: 1-Chlorooctadecane 438 % 52.1-176

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/19/2015
Reported: 02/24/2015
Project Name: WINSTON GAS COM BATTERY
Project Number: 700608
Project Location: B-31-21-24

Sampling Date: 02/18/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: BG 0' (H500482-08)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/23/2015	ND	1.72	85.8	2.00	8.59	
Toluene*	0.274	0.050	02/23/2015	ND	1.73	86.3	2.00	8.14	
Ethylbenzene*	0.172	0.050	02/23/2015	ND	1.67	83.6	2.00	11.2	
Total Xylenes*	1.80	0.150	02/23/2015	ND	4.89	81.6	6.00	11.4	
Total BTEX	2.24	0.300	02/23/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 96.7 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/20/2015	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	12.6	10.0	02/20/2015	ND	202	101	200	0.814	
DRO >C10-C28	<10.0	10.0	02/20/2015	ND	188	94.2	200	2.87	

Surrogate: 1-Chlorooctane 92.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 84.9 % 52.1-176

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/19/2015
Reported: 02/24/2015
Project Name: WINSTON GAS COM BATTERY
Project Number: 700608
Project Location: B-31-21-24

Sampling Date: 02/18/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: BG 0.5 R (H500482-09)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	02/23/2015	ND	1.72	85.8	2.00	8.59	
Toluene*	11.4	2.00	02/23/2015	ND	1.73	86.3	2.00	8.14	
Ethylbenzene*	17.1	2.00	02/23/2015	ND	1.67	83.6	2.00	11.2	
Total Xylenes*	181	6.00	02/23/2015	ND	4.89	81.6	6.00	11.4	
Total BTX	209	12.0	02/23/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 103 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/20/2015	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	4110	100	02/20/2015	ND	202	101	200	0.814		
DRO >C10-C28	10100	100	02/20/2015	ND	188	94.2	200	2.87		

Surrogate: 1-Chlorooctane 314 % 47.2-157

Surrogate: 1-Chlorooctadecane 192 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
- Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon/PE		BILL TO		ANALYSIS REQUEST									
Project Manager: DAVID ADKINS		P.O. #:											
Address: 408 W. Texas Ave.		Company: Kelson/PE											
City: Artesia		Attn: CRY											
Phone #: 575-746-8768		Address:											
State: NM Zip: 88210		City:											
Project #: 720608		State:											
Project Owner: DRY		Zip:											
Project Location: B-31-21-74		Phone #:											
Sample Name: RABBIT DEPOSITS		Fax #:											
FOR LAB USE ONLY		PRESERV		SAMPLING									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX			PRESERV			SAMPLING			
		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :	
		ACID/BASE:		ICE / COOL		OTHER :		DATE	TIME				
H500492	3-1 0'1							2/15/15	12:05	BTEX			
1	3-1 0.5' (R)							2/18/15	12:10	TPH			
2	3-2 0' (R)							2/18/15	12:15	Chlorides			
3	3-3 0' (R)							2/18/15	12:17				
4	3-4 0' (R)							2/18/15	12:25				
5	3-5 0' (R)							2/18/15	12:40				
6	3-5 0' (R)							2/18/15	12:45				
7	3-5 0' (R)							2/18/15	12:47				
8	3-5 0' (R)							2/18/15	12:49				
9	3-5 0' (R)							2/18/15	12:49				

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Relinquished By: [Signature] Date: 2/18/15 Received By: [Signature] Date: 2/18/15

Delivered By: (Circle One) 5.20 Sample Condition Cool Intact Yes ☒ No ☐ Sample - UPS - Bus - Other: #54

REMARKS: AP #056240960 PT 000001131346 TS 01040502 E1m 2019



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

March 06, 2015

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: WINSTON GAS COM

Enclosed are the results of analyses for samples received by the laboratory on 03/03/15 7:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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 accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 03/03/2015
Reported: 03/06/2015
Project Name: WINSTON GAS COM
Project Number: 700608.414.01
Project Location: EDDY

Sampling Date: 03/02/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Mike Snyder

Sample ID: S-1 1' (H500583-01)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<5.00	5.00	03/05/2015	ND	2.02	101	2.00	6.87	
Toluene*	67.2	5.00	03/05/2015	ND	1.81	90.3	2.00	6.73	
Ethylbenzene*	24.3	5.00	03/05/2015	ND	2.02	101	2.00	6.87	
Total Xylenes*	171	15.0	03/05/2015	ND	5.41	90.1	6.00	7.35	
Total BTEX	262	30.0	03/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 85.9 % 61-154

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	7060	100	03/03/2015	ND	199	99.7	200	0.208		
DRO >C10-C28	9450	100	03/03/2015	ND	190	95.0	200	1.03		

Surrogate: 1-Chlorooctane 171 % 47.2-157

Surrogate: 1-Chlorooctadecane 156 % 52.1-176

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* = Accredited Analyte

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 03/03/2015
Reported: 03/06/2015
Project Name: WINSTON GAS COM
Project Number: 700608.414.01
Project Location: EDDY

Sampling Date: 03/02/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Mike Snyder

Sample ID: S-2 4" (R) (H500583-02)

BTEX 8021B	mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	03/05/2015	ND	2.02	101	2.00	6.87	
Toluene*	3.27	0.500	03/05/2015	ND	1.81	90.3	2.00	6.73	
Ethylbenzene*	3.31	0.500	03/05/2015	ND	2.02	101	2.00	6.87	
Total Xylenes*	26.5	1.50	03/05/2015	ND	5.41	90.1	6.00	7.35	
Total BTEX	33.1	3.00	03/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 99.6 % 61-154

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	824	50.0	03/03/2015	ND	199	99.7	200	0.208	
DRO >C10-C28	1950	50.0	03/03/2015	ND	190	95.0	200	1.03	

Surrogate: 1-Chlorooctane 109 % 47.2-157

Surrogate: 1-Chlorooctadecane 86.2 % 52.1-176

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:	03/03/2015	Sampling Date:	03/02/2015
Reported:	03/06/2015	Sampling Type:	Soil
Project Name:	WINSTON GAS COM	Sampling Condition:	Cool & Intact
Project Number:	700608.414.01	Sample Received By:	Mike Snyder
Project Location:	EDDY		

Sample ID: S-3 1' (H500583-03)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<10.0	10.0	03/05/2015	ND	2.02	101	2.00	6.87	
Toluene*	114	10.0	03/05/2015	ND	1.81	90.3	2.00	6.73	
Ethylbenzene*	49.6	10.0	03/05/2015	ND	2.02	101	2.00	6.87	
Total Xylenes*	380	30.0	03/05/2015	ND	5.41	90.1	6.00	7.35	
Total BTX	544	60.0	03/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 86.8 % 61-154

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	14000	100	03/03/2015	ND	199	99.7	200	0.208		
DRO >C10-C28	20900	100	03/03/2015	ND	190	95.0	200	1.03		

Surrogate: 1-Chlorooctane 286 % 47.2-157

Surrogate: 1-Chlorooctadecane 338 % 52.1-176

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 03/03/2015
Reported: 03/06/2015
Project Name: WINSTON GAS COM
Project Number: 700608.414.01
Project Location: EDDY

Sampling Date: 03/02/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Mike Snyder

Sample ID: S-3 2' (H500583-04)

BTX 8021B			mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2015	ND	2.02	101	2.00	6.87		
Toluene*	0.120	0.050	03/05/2015	ND	1.81	90.3	2.00	6.73		
Ethylbenzene*	<0.050	0.050	03/05/2015	ND	2.02	101	2.00	6.87		
Total Xylenes*	<0.150	0.150	03/05/2015	ND	5.41	90.1	6.00	7.35		
Total BTX	<0.300	0.300	03/05/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 82.6 % 61-154

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/03/2015	ND	199	99.7	200	0.208	
DRO >C10-C28	<10.0	10.0	03/03/2015	ND	190	95.0	200	1.03	

Surrogate: 1-Chlorooctane 68.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 65.5 % 52.1-176

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 03/03/2015
Reported: 03/06/2015
Project Name: WINSTON GAS COM
Project Number: 700608.414.01
Project Location: EDDY

Sampling Date: 03/02/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Mike Snyder

Sample ID: S-3 3' (H500583-05)

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2015	ND	2.02	101	2.00	6.87		
Toluene*	<0.050	0.050	03/05/2015	ND	1.81	90.3	2.00	6.73		
Ethylbenzene*	<0.050	0.050	03/05/2015	ND	2.02	101	2.00	6.87		
Total Xylenes*	<0.150	0.150	03/05/2015	ND	5.41	90.1	6.00	7.35		
Total BTEX	<0.300	0.300	03/05/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 84.0 % 61-154

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/03/2015	ND	199	99.7	200	0.208	
DRO >C10-C28	10.6	10.0	03/03/2015	ND	190	95.0	200	1.03	

Surrogate: 1-Chlorooctane 71.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 66.5 % 52.1-176

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 03/03/2015
Reported: 03/06/2015
Project Name: WINSTON GAS COM
Project Number: 700608.414.01
Project Location: EDDY

Sampling Date: 03/02/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Mike Snyder

Sample ID: S-3 4' (R) (H500583-06)

BTEX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.100	0.100	03/05/2015	ND	2.02	101	2.00	6.87		
Toluene*	0.404	0.100	03/05/2015	ND	1.81	90.3	2.00	6.73		
Ethylbenzene*	0.492	0.100	03/05/2015	ND	2.02	101	2.00	6.87		
Total Xylenes*	4.01	0.300	03/05/2015	ND	5.41	90.1	6.00	7.35		
Total BTEX	4.90	0.600	03/05/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 83.2 % 61-154

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	183	10.0	03/03/2015	ND	199	99.7	200	0.208	
DRO >C10-C28	760	10.0	03/03/2015	ND	190	95.0	200	1.03	

Surrogate: 1-Chlorooctane 82.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 70.3 % 52.1-176

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 03/03/2015
Reported: 03/06/2015
Project Name: WINSTON GAS COM
Project Number: 700608.414.01
Project Location: EDDY

Sampling Date: 03/02/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Mike Snyder

Sample ID: S-4 6" (R) (H500583-07)

BTEX 8021B	mg/kg	Analyzed By: ms							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	03/05/2015	ND	2.02	101	2.00	6.87	
Toluene*	0.854	0.500	03/05/2015	ND	1.81	90.3	2.00	6.73	
Ethylbenzene*	1.49	0.500	03/05/2015	ND	2.02	101	2.00	6.87	
Total Xylenes*	13.1	1.50	03/05/2015	ND	5.41	90.1	6.00	7.35	
Total BTEX	15.5	3.00	03/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 94.2 % 61-154

TPH 8015M	mg/kg	Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	513	10.0	03/03/2015	ND	199	99.7	200	0.208	
DRO >C10-C28	2190	10.0	03/03/2015	ND	190	95.0	200	1.03	

Surrogate: 1-Chlorooctane 109 % 47.2-157

Surrogate: 1-Chlorooctadecane 86.4 % 52.1-176

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 03/03/2015
Reported: 03/06/2015
Project Name: WINSTON GAS COM
Project Number: 700608.414.01
Project Location: EDDY

Sampling Date: 03/02/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Mike Snyder

Sample ID: S-5 8" (R) (H500583-08)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2015	ND	1.55	77.6	2.00	10.8	
Toluene*	0.050	0.050	03/05/2015	ND	1.37	68.4	2.00	10.5	
Ethylbenzene*	0.081	0.050	03/05/2015	ND	1.50	75.2	2.00	12.1	
Total Xylenes*	0.785	0.150	03/05/2015	ND	3.88	64.6	6.00	13.4	
Total BTX	0.916	0.300	03/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 88.7 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/03/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	35.4	10.0	03/03/2015	ND	199	99.7	200	0.208	
DRO >C10-C28	275	10.0	03/03/2015	ND	190	95.0	200	1.03	

Surrogate: 1-Chlorooctane 73.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 72.9 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

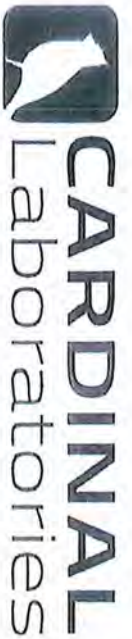
S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C. Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

Company Name: Talon/LPE
Project Manager:

Address: 408 W. Texas Ave.
City: Artesia
State: NM Zip: 88210
Phone #: 575-746-8768 Fax #: 575-746-8905
Project #: 206084401 Project Owner: City
Project Name: Winsting Gas Com
Project Location: Eddy
Sample Name: G. B. 2020
FOR LAB USE ONLY

P.O. #: Company: OK
Attn: Chris Jones
Address: City: State: Zip: Phone #: Fax #:

Lab I.D. Sample I.D. (G)RAB OR (C)OMP. # CONTAINERS

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	TPH	BTE	Total Chlorides
01	S-1	1	1	GROUNDWATER			3-2-15	10:33	-	-	
02	S-2	4-(R)	1	WASTEWATER			3-2-15	10:43	-	-	
03	S-3	1	1	SOIL			10:47	10:50	-	-	
04	S-3	2	1	OIL			10:50	10:53	-	-	
05	S-3	3	1	SLUDGE			10:53	11:06	-	-	
06	S-3	4-(R)	1	OTHER:			11:08	11:12	-	-	
07	S-4	6-(R)	1	ACID/BASE:							
08	S-5	8-(R)	1	ICE / COOL							
				OTHER:							

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Relinquished By: Date: 3/14/15 Time: 4:15 PM Received By: Date: 3/14/15 Time: 4:15 PM

Delivered By: (Circle One) Sampler - UPS - Bus - Other: Sample Condition Cool Intact Yes No Checked By: (Initials) m

REMARKS: OP 056240960 PJ 1131366 TS 01040502 EIM 2019 0.8

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



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

August 04, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: WINSTON GAS COM BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 07/28/22 16:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received: 07/28/2022
 Reported: 08/04/2022
 Project Name: WINSTON GAS COM BATTERY
 Project Number: (2/17/15)
 Project Location: OXY - CARLSBAD, NM

Sampling Date: 07/26/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BS 1 @ 1' (H223347-01)

BTEx 8021B		mg / kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/01/2022	ND	2.05	102	2.00	10.3		
Toluene*	<0.050	0.050	08/01/2022	ND	2.15	107	2.00	11.2		
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.20	110	2.00	11.1		
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.73	112	6.00	11.2		
Total BTEx	<0.300	0.300	08/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/02/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2022	ND	198	99.0	200	0.380	
DRO >C10-C28*	<10.0	10.0	08/01/2022	ND	209	105	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/01/2022	ND					

Surrogate: 1-Chlorooctane 73.2 % 43-149

Surrogate: 1-Chlorooctadecane 84.6 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	07/28/2022	Sampling Date:	07/26/2022
Reported:	08/04/2022	Sampling Type:	Soil
Project Name:	WINSTON GAS COM BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(2/17/15)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - CARLSBAD, NM		

Sample ID: BS 2 @ 1' (H223347-02)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/01/2022	ND	2.05	102	2.00	10.3		
Toluene*	<0.050	0.050	08/01/2022	ND	2.15	107	2.00	11.2		
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.20	110	2.00	11.1		
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.73	112	6.00	11.2		
Total BTEx	<0.300	0.300	08/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/02/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2022	ND	198	99.0	200	0.380	
DRO >C10-C28*	<10.0	10.0	08/01/2022	ND	209	105	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/01/2022	ND					

Surrogate: 1-Chlorooctane 66.4 % 43-149

Surrogate: 1-Chlorooctadecane 76.1 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	07/28/2022	Sampling Date:	07/26/2022
Reported:	08/04/2022	Sampling Type:	Soil
Project Name:	WINSTON GAS COM BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(2/17/15)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - CARLSBAD, NM		

Sample ID: BS 3 @ 1' (H223347-03)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2022	ND	2.05	102	2.00	10.3	
Toluene*	0.051	0.050	08/01/2022	ND	2.15	107	2.00	11.2	
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.20	110	2.00	11.1	
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.73	112	6.00	11.2	
Total BTEx	<0.300	0.300	08/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/02/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2022	ND	198	99.0	200	0.380	
DRO >C10-C28*	<10.0	10.0	08/01/2022	ND	209	105	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/01/2022	ND					

Surrogate: 1-Chlorooctane 64.3 % 43-149

Surrogate: 1-Chlorooctadecane 74.2 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	07/28/2022	Sampling Date:	07/26/2022
Reported:	08/04/2022	Sampling Type:	Soil
Project Name:	WINSTON GAS COM BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(2/17/15)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - CARLSBAD, NM		

Sample ID: BS 4 @ 1' (H223347-04)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2022	ND	2.05	102	2.00	10.3	
Toluene*	<0.050	0.050	08/01/2022	ND	2.15	107	2.00	11.2	
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.20	110	2.00	11.1	
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.73	112	6.00	11.2	
Total BTEx	<0.300	0.300	08/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/02/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2022	ND	198	99.0	200	0.380	
DRO >C10-C28*	<10.0	10.0	08/01/2022	ND	209	105	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/01/2022	ND					

Surrogate: 1-Chlorooctane 66.9 % 43-149

Surrogate: 1-Chlorooctadecane 76.3 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	07/28/2022	Sampling Date:	07/26/2022
Reported:	08/04/2022	Sampling Type:	Soil
Project Name:	WINSTON GAS COM BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(2/17/15)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - CARLSBAD, NM		

Sample ID: BS 5 @ 1' (H223347-05)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2022	ND	2.05	102	2.00	10.3	
Toluene*	0.062	0.050	08/01/2022	ND	2.15	107	2.00	11.2	
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.20	110	2.00	11.1	
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.73	112	6.00	11.2	
Total BTEx	<0.300	0.300	08/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/02/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2022	ND	198	99.0	200	0.380	
DRO >C10-C28*	<10.0	10.0	08/01/2022	ND	209	105	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/01/2022	ND					

Surrogate: 1-Chlorooctane 69.9 % 43-149

Surrogate: 1-Chlorooctadecane 78.7 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received: 07/28/2022
 Reported: 08/04/2022
 Project Name: WINSTON GAS COM BATTERY
 Project Number: (2/17/15)
 Project Location: OXY - CARLSBAD, NM

Sampling Date: 07/26/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BS 6 @ 1' (H223347-06)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/01/2022	ND	2.05	102	2.00	10.3		
Toluene*	<0.050	0.050	08/01/2022	ND	2.15	107	2.00	11.2		
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.20	110	2.00	11.1		
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.73	112	6.00	11.2		
Total BTEx	<0.300	0.300	08/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/02/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2022	ND	198	99.0	200	0.380	
DRO >C10-C28*	<10.0	10.0	08/01/2022	ND	209	105	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/01/2022	ND					

Surrogate: 1-Chlorooctane 57.3 % 43-149

Surrogate: 1-Chlorooctadecane 64.2 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	07/28/2022	Sampling Date:	07/26/2022
Reported:	08/04/2022	Sampling Type:	Soil
Project Name:	WINSTON GAS COM BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(2/17/15)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - CARLSBAD, NM		

Sample ID: BS 7 @ 1' (H223347-07)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2022	ND	2.05	102	2.00	10.3	
Toluene*	<0.050	0.050	08/01/2022	ND	2.15	107	2.00	11.2	
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.20	110	2.00	11.1	
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.73	112	6.00	11.2	
Total BTEx	<0.300	0.300	08/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/02/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2022	ND	198	99.0	200	0.380	
DRO >C10-C28*	<10.0	10.0	08/01/2022	ND	209	105	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/01/2022	ND					

Surrogate: 1-Chlorooctane 72.0 % 43-149

Surrogate: 1-Chlorooctadecane 81.6 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	07/28/2022	Sampling Date:	07/26/2022
Reported:	08/04/2022	Sampling Type:	Soil
Project Name:	WINSTON GAS COM BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(2/17/15)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - CARLSBAD, NM		

Sample ID: BS 8 @ 1' (H223347-08)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/01/2022	ND	2.05	102	2.00	10.3		
Toluene*	<0.050	0.050	08/01/2022	ND	2.15	107	2.00	11.2		
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.20	110	2.00	11.1		
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.73	112	6.00	11.2		
Total BTEx	<0.300	0.300	08/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/02/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2022	ND	198	99.0	200	0.380	
DRO >C10-C28*	<10.0	10.0	08/01/2022	ND	209	105	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/01/2022	ND					

Surrogate: 1-Chlorooctane 66.2 % 43-149

Surrogate: 1-Chlorooctadecane 75.6 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	07/28/2022	Sampling Date:	07/26/2022
Reported:	08/04/2022	Sampling Type:	Soil
Project Name:	WINSTON GAS COM BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(2/17/15)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - CARLSBAD, NM		

Sample ID: BS 9 @ 1' (H223347-09)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/01/2022	ND	2.05	102	2.00	10.3		
Toluene*	<0.050	0.050	08/01/2022	ND	2.15	107	2.00	11.2		
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.20	110	2.00	11.1		
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.73	112	6.00	11.2		
Total BTEX	<0.300	0.300	08/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/02/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2022	ND	198	99.0	200	0.380	
DRO >C10-C28*	<10.0	10.0	08/01/2022	ND	209	105	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/01/2022	ND					

Surrogate: 1-Chlorooctane 79.8 % 43-149

Surrogate: 1-Chlorooctadecane 89.3 % 42.5-161

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	07/28/2022	Sampling Date:	07/26/2022
Reported:	08/04/2022	Sampling Type:	Soil
Project Name:	WINSTON GAS COM BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(2/17/15)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - CARLSBAD, NM		

Sample ID: BS 10 @ 1' (H223347-10)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/01/2022	ND	2.05	102	2.00	10.3		
Toluene*	<0.050	0.050	08/01/2022	ND	2.15	107	2.00	11.2		
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.20	110	2.00	11.1		
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.73	112	6.00	11.2		
Total BTEX	<0.300	0.300	08/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/02/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2022	ND	198	99.0	200	0.380	
DRO >C10-C28*	<10.0	10.0	08/01/2022	ND	209	105	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/01/2022	ND					

Surrogate: 1-Chlorooctane 78.9 % 43-149

Surrogate: 1-Chlorooctadecane 90.2 % 42.5-161

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	07/28/2022	Sampling Date:	07/26/2022
Reported:	08/04/2022	Sampling Type:	Soil
Project Name:	WINSTON GAS COM BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(2/17/15)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - CARLSBAD, NM		

Sample ID: BS 11 @ 1' (H223347-11)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2022	ND	2.05	102	2.00	10.3	
Toluene*	<0.050	0.050	08/01/2022	ND	2.15	107	2.00	11.2	
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.20	110	2.00	11.1	
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.73	112	6.00	11.2	
Total BTEX	<0.300	0.300	08/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/02/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2022	ND	198	99.0	200	0.380	
DRO >C10-C28*	<10.0	10.0	08/01/2022	ND	209	105	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/01/2022	ND					

Surrogate: 1-Chlorooctane 72.4 % 43-149

Surrogate: 1-Chlorooctadecane 80.9 % 42.5-161

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	07/28/2022	Sampling Date:	07/26/2022
Reported:	08/04/2022	Sampling Type:	Soil
Project Name:	WINSTON GAS COM BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(2/17/15)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - CARLSBAD, NM		

Sample ID: BS 12 @ 1' (H223347-12)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2022	ND	1.99	99.3	2.00	11.9	
Toluene*	<0.050	0.050	08/01/2022	ND	2.09	104	2.00	12.1	
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.16	108	2.00	11.9	
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.64	111	6.00	12.4	
Total BTEx	<0.300	0.300	08/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/02/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2022	ND	198	99.0	200	0.380	
DRO >C10-C28*	<10.0	10.0	08/01/2022	ND	209	105	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/01/2022	ND					

Surrogate: 1-Chlorooctane 63.3 % 43-149

Surrogate: 1-Chlorooctadecane 70.9 % 42.5-161

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	07/28/2022	Sampling Date:	07/26/2022
Reported:	08/04/2022	Sampling Type:	Soil
Project Name:	WINSTON GAS COM BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(2/17/15)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - CARLSBAD, NM		

Sample ID: BS 13 @ 1' (H223347-13)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2022	ND	1.99	99.3	2.00	11.9	
Toluene*	<0.050	0.050	08/01/2022	ND	2.09	104	2.00	12.1	
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.16	108	2.00	11.9	
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.64	111	6.00	12.4	
Total BTEx	<0.300	0.300	08/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/02/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2022	ND	198	99.0	200	0.380	
DRO >C10-C28*	<10.0	10.0	08/01/2022	ND	209	105	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/01/2022	ND					

Surrogate: 1-Chlorooctane 73.7 % 43-149

Surrogate: 1-Chlorooctadecane 83.0 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
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 Fax To: (575) 397-0397

Received:	07/28/2022	Sampling Date:	07/26/2022
Reported:	08/04/2022	Sampling Type:	Soil
Project Name:	WINSTON GAS COM BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(2/17/15)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - CARLSBAD, NM		

Sample ID: BS 14 @ 1' (H223347-14)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2022	ND	1.99	99.3	2.00	11.9	
Toluene*	<0.050	0.050	08/01/2022	ND	2.09	104	2.00	12.1	
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.16	108	2.00	11.9	
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.64	111	6.00	12.4	
Total BTEX	<0.300	0.300	08/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/02/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2022	ND	198	99.0	200	0.380	
DRO >C10-C28*	<10.0	10.0	08/01/2022	ND	209	105	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/01/2022	ND					

Surrogate: 1-Chlorooctane 68.0 % 43-149

Surrogate: 1-Chlorooctadecane 76.0 % 42.5-161

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	07/28/2022	Sampling Date:	07/26/2022
Reported:	08/04/2022	Sampling Type:	Soil
Project Name:	WINSTON GAS COM BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(2/17/15)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - CARLSBAD, NM		

Sample ID: BS 15 @ 1' (H223347-15)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2022	ND	1.99	99.3	2.00	11.9	
Toluene*	<0.050	0.050	08/01/2022	ND	2.09	104	2.00	12.1	
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.16	108	2.00	11.9	
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.64	111	6.00	12.4	
Total BTX	<0.300	0.300	08/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/02/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2022	ND	197	98.5	200	3.57	
DRO >C10-C28*	<10.0	10.0	08/01/2022	ND	195	97.3	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	08/01/2022	ND					

Surrogate: 1-Chlorooctane 80.3 % 43-149

Surrogate: 1-Chlorooctadecane 76.9 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	07/28/2022	Sampling Date:	07/26/2022
Reported:	08/04/2022	Sampling Type:	Soil
Project Name:	WINSTON GAS COM BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(2/17/15)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - CARLSBAD, NM		

Sample ID: BS 16 @ 1' (H223347-16)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2022	ND	1.99	99.3	2.00	11.9	
Toluene*	<0.050	0.050	08/01/2022	ND	2.09	104	2.00	12.1	
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.16	108	2.00	11.9	
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.64	111	6.00	12.4	
Total BTEx	<0.300	0.300	08/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/02/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2022	ND	197	98.5	200	3.57	
DRO >C10-C28*	<10.0	10.0	08/01/2022	ND	195	97.3	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	08/01/2022	ND					

Surrogate: 1-Chlorooctane 82.8 % 43-149

Surrogate: 1-Chlorooctadecane 79.6 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received: 07/28/2022
 Reported: 08/04/2022
 Project Name: WINSTON GAS COM BATTERY
 Project Number: (2/17/15)
 Project Location: OXY - CARLSBAD, NM

Sampling Date: 07/26/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 1 (H223347-17)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2022	ND	1.99	99.3	2.00	11.9	
Toluene*	0.051	0.050	08/01/2022	ND	2.09	104	2.00	12.1	
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.16	108	2.00	11.9	
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.64	111	6.00	12.4	
Total BTEx	<0.300	0.300	08/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/02/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2022	ND	197	98.5	200	3.57	
DRO >C10-C28*	<10.0	10.0	08/01/2022	ND	195	97.3	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	08/01/2022	ND					

Surrogate: 1-Chlorooctane 72.4 % 43-149

Surrogate: 1-Chlorooctadecane 68.8 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received: 07/28/2022
 Reported: 08/04/2022
 Project Name: WINSTON GAS COM BATTERY
 Project Number: (2/17/15)
 Project Location: OXY - CARLSBAD, NM

Sampling Date: 07/26/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 2 (H223347-18)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2022	ND	1.99	99.3	2.00	11.9	
Toluene*	<0.050	0.050	08/01/2022	ND	2.09	104	2.00	12.1	
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.16	108	2.00	11.9	
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.64	111	6.00	12.4	
Total BTEx	<0.300	0.300	08/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/02/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2022	ND	197	98.5	200	3.57	
DRO >C10-C28*	<10.0	10.0	08/01/2022	ND	195	97.3	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	08/01/2022	ND					

Surrogate: 1-Chlorooctane 79.7 % 43-149

Surrogate: 1-Chlorooctadecane 75.7 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received: 07/28/2022
 Reported: 08/04/2022
 Project Name: WINSTON GAS COM BATTERY
 Project Number: (2/17/15)
 Project Location: OXY - CARLSBAD, NM

Sampling Date: 07/26/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 3 (H223347-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/01/2022	ND	1.99	99.3	2.00	11.9		
Toluene*	<0.050	0.050	08/01/2022	ND	2.09	104	2.00	12.1		
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.16	108	2.00	11.9		
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.64	111	6.00	12.4		
Total BTEx	<0.300	0.300	08/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/02/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2022	ND	197	98.5	200	3.57	
DRO >C10-C28*	<10.0	10.0	08/01/2022	ND	195	97.3	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	08/01/2022	ND					

Surrogate: 1-Chlorooctane 88.0 % 43-149

Surrogate: 1-Chlorooctadecane 84.6 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received: 07/28/2022
 Reported: 08/04/2022
 Project Name: WINSTON GAS COM BATTERY
 Project Number: (2/17/15)
 Project Location: OXY - CARLSBAD, NM

Sampling Date: 07/26/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW 4 (H223347-20)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2022	ND	1.92	96.2	2.00	8.74	
Toluene*	0.066	0.050	08/01/2022	ND	2.09	104	2.00	8.13	
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.04	102	2.00	8.45	
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.39	107	6.00	9.11	
Total BTX	<0.300	0.300	08/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/02/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2022	ND	197	98.5	200	3.57	
DRO >C10-C28*	<10.0	10.0	08/01/2022	ND	195	97.3	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	08/01/2022	ND					

Surrogate: 1-Chlorooctane 79.2 % 43-149

Surrogate: 1-Chlorooctadecane 75.2 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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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-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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: WINSTON GAS COM BATTERY (2/17/15) Project Location: New Mexico Sample Name: SIMON				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:			
BILL TO				ANALYSIS REQUEST			
Lab I.D.				Sample I.D.			
(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :				MATRIX PRESERV SAMPLING			
DATE TIME				DATE TIME			
BS 1 @ 1' BS 2 @ 1' BS 3 @ 1' BS 4 @ 1' BS 5 @ 1' BS 6 @ 1' BS 7 @ 1' BS 8 @ 1' BS 9 @ 1' BS 10 @ 1'				7/26/22 9:35AM 7/26/22 9:48AM 7/26/22 10:03AM 7/26/22 10:12AM 7/26/22 10:25AM 7/26/22 10:39AM 7/26/22 10:50AM 7/26/22 11:02AM 7/26/22 11:12AM 7/28/22 11:24AM			
Chloride BTEX TPH EXT							
Relinquished By: <i>[Signature]</i> Date: 7-26-22 Time: 8:00 AM Received By: <i>[Signature]</i> Date: 7-26-22 Time: 10:45 AM Relinquished By: <i>[Signature]</i> Date: 7-26-22 Time: 10:45 AM Received By: <i>[Signature]</i> Date: 7-26-22 Time: 10:45 AM				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Add'l Fax #: REMARKS:			



101 East Marland, Hobbs, NM 88240
(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.						P.O. #:		BILL TO																																	
Project Manager: Cliff Brunson						Company: Oxy																																			
Address: P.O. Box 805																																									
City: Hobbs						Attn:																																			
State: NM Zip: 88241																																									
Phone #: 575-397-6388 Fax #: 575-397-0397						Address:																																			
Project #:						City:																																			
Project Owner: Oxy						State: Zip:																																			
Project Name: WINSTON GAS COM BATTERY (2/17/15)						Phone #:																																			
Project Location: New Mexico						Fax #:																																			
Sampler Name: SIMON																																									
FOR LAB USE ONLY																																									
Lab I.D.						Sample I.D.																																			
H223347						(G)RAB OR (C)OMP.		# CONTAINERS																																	
11						BS 11 @1'		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		Chloride		BTEX		TPH EXT							
12						BS 12 @1'																				7/26/22		11:35AM		✓		✓									
13						BS 13 @1'																				7/26/22		11:47AM		✓		✓									
14						BS 14 @1'																				7/26/22		12:02PM		✓		✓									
15						BS 15 @1'																				7/26/22		12:14PM		✓		✓									
16						BS 16 @1'																				7/26/22		12:26PM		✓		✓									
17						BS 16 @1'																				7/26/22		12:40PM		✓		✓									
18						SW 1																				7/26/22		12:53PM		✓		✓									
19						SW 2																				7/26/22		1:10PM		✓		✓									
20						SW 3																				7/26/22		1:22PM		✓		✓									
20						SW 4																				7/26/22		1:31PM		✓		✓									
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Relinquished By: [Signature]						Date: 7-26-22						Received By: [Signature]						Time: 8:00 AM						Date: 7-26-22						Time: 8:00 AM						REMARKS:					
Relinquished By: [Signature]						Date: 7-26-22						Received By: [Signature]						Time: 8:00 AM						Date: 7-26-22						Time: 8:00 AM						REMARKS:					
Delivered By: (Circle One) [Signature]						Date: 7-26-22						Received By: [Signature]						Time: 8:00 AM						Date: 7-26-22						Time: 8:00 AM						REMARKS:					
Sampler - UPS - Bus - Other: [Signature]						Date: 7-26-22						Received By: [Signature]						Time: 8:00 AM						Date: 7-26-22						Time: 8:00 AM						REMARKS:					
Sample Condition						Cool						Intact						Yes						No						Add'l Phone #:						Add'l Fax #:					
Checked By: [Signature]						Date: 7-26-22						Received By: [Signature]						Time: 8:00 AM						Date: 7-26-22						Time: 8:00 AM						REMARKS:					

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 147544

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 147544
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	12/20/2022