

Form C-141

State of New Mexico  
Oil Conservation Division

Page 6

Incident ID	nRM1935056894
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: *Wade Dittrich* Date: 3-24-22  
 email: wade\_dittrich@oxy.com Telephone: (575) 390-2828

**OCD Only**

Received by: Robert Hamlet Date: 4/26/2022

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: *Robert Hamlet* Date: 4/26/2022  
 Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

## Closure Report

### nRM1935056894

#### Site Description

Site Name:	PALLADIUM 7 FED 1A BATT
Company:	OXY
Legal Description:	U/L: A, SECTION 7, T24S, R31E
County:	EDDY COUNTY, NM
GPS Coordinates:	N32.23727 W103.81047

#### Release Data

Date of Release:	9/29/2019
Type of Release:	PRODUCED WATER
Source of Release:	LIGHTNING STRIKE WATER TANK CAUSING FIRE AND WATER RELEASE
Volume of Release:	0 BBLs CRUDE OIL/ 74.6 BBLs PRODUCED WATER
Volume Recovered:	0 BBLs CRUDE OIL/ 70 BBLs PRODUCED WATER

#### Remediation Specifications

Remediation Parameters      Lightning strike to water tank caused fire and water release. The battery was dismantled and an excavation of 4 feet was performed. Confirmation samples were collected and analyzed and are in this report. The excavation was left open to be backfilled by the reclamation crew. The well was P/A and the site reclaimed.

Remediation Activities:      5-27-21 thru 6-23-21

Plan Sent to OCD:		FROM CLIFF TO BLM NM AND WADE
OCD Approval of Plan:		FROM @STATE.NM.US TO WADE AND CLIFF
Plan Sent to BLM:	10/25/2019	FROM CLIFF TO SPILL@BLM AND WADE
BLM Approval of Plan:		FROM JAMOS@BLM.GOV TO WADE AND CLIFF

#### Supporting Documentation

C 141 PAGE 6	SIGNED	
SITE DIAGRAM	GOOGLE EARTH MAP WITH CONFIRMATION SAMPLES	
PICTURES	CLOSURE PICTURES	
LAB SUMMARY	CLOSURE SAMPLES	
LAB ANALYSIS	CLOSURE SAMPLES	
SAMPLE NOTIFICATION	6/8/2021	

#### Request for Closure

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

Cliff Brunson, President of BBC International Inc.

3/25/2022

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Printed Name: Wade Dittrich Title: Environmental Coordinator  
 Signature: *Wade Dittrich* Date: 3-24-22  
 email: wade\_dittrich@oxy.com Telephone: (575) 390-2828

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

Palladium 7 FEB 2011 (9.29.19)  
Released to Imaging: 4/26/2022 2:46:47 PM

**From:** [Cliff Brunson](#)  
**To:** ["Enviro, OCD, EMNRD"](#)  
**Cc:** ["Wade Dittrich"](#); ["Ken Swinney"](#); ["Jennifer Gilkey"](#); [Isabel Ramirez](#)  
**Subject:** OXY - Palladium 7 Federal 1A Battery - Sampling Notification  
**Date:** Tuesday, June 8, 2021 3:39:02 PM

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This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Palladium 7 Federal 1A Battery (Incident ID # NRM1935056894) on Thursday, June 10 at 9:00 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](mailto:cbrunson@bbcinternational.com)



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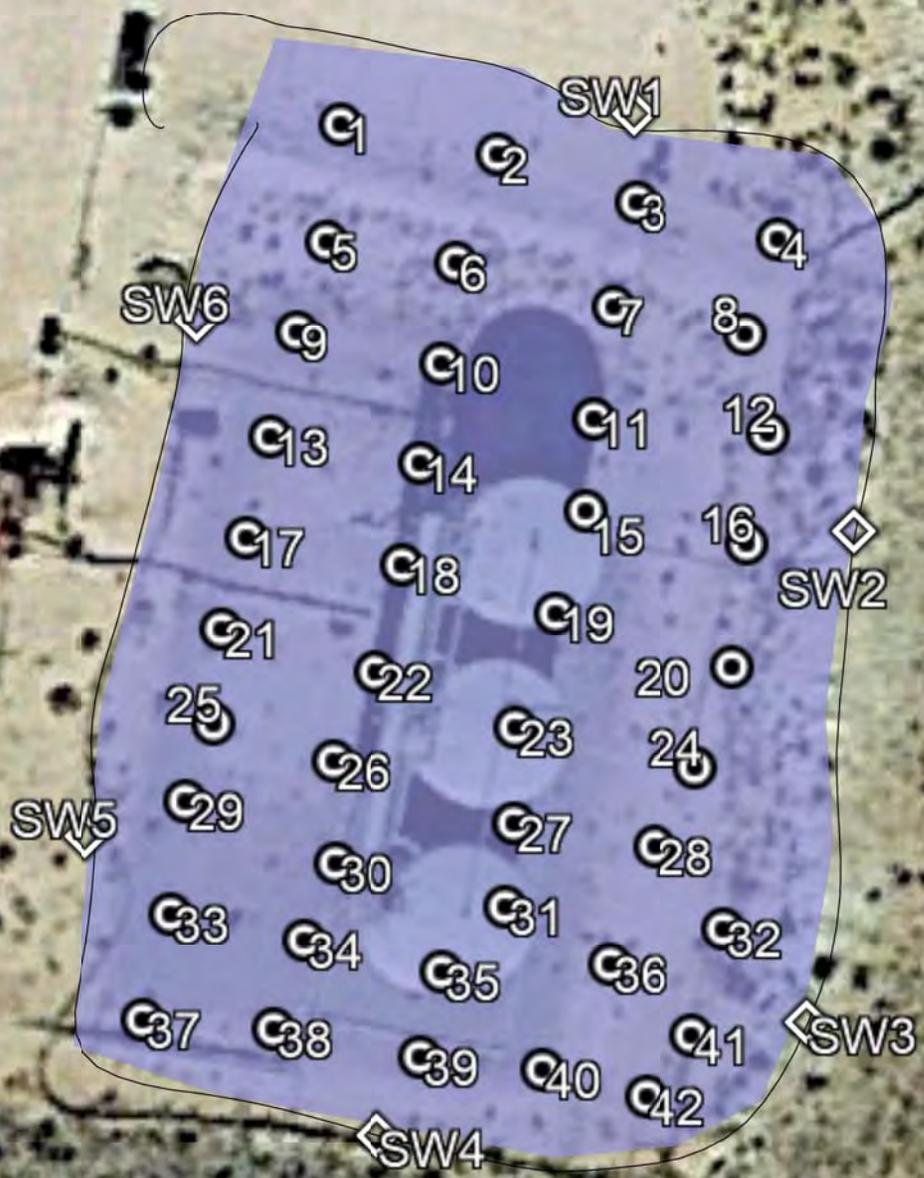
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# PALLADIUM 7 FED 1A BATT

LEAK DATE: 9-29-19  
EDDY CO., NM  
ID# nRM1935056894

## Legend

- BOTTOM CONFIRMATION SAMPLE POINTS
- ◇ SIDEWALL CONFIRMATION SAMPLE POINTS
- 4FT EXCAVATION



## PALLADIUM 7 FED 1A BATT (9-29-19)

SW1	N32.237274	W-103.810265
SW2	N32.237154	W-103.810190
SW3	N32.237011	W-103.810206
SW4	N32.236978	W-103.810353
SW5	N32.237065	W-103.810453
SW6	N32.237215	W-103.810415

## BOTTOM SAMPLES @4'

BS1	N32.237272	W-103.810365
BS2	N32.237263	W-103.810311
BS3	N32.237250	W-103.810264
BS4	N32.237239	W-103.810215
BS5	N32.237238	W-103.810370
BS6	N32.237232	W-103.810325
BS7	N32.237219	W-103.810272
BS8	N32.237211	W-103.810226
BS9	N32.237212	W-103.810380
BS10	N32.237203	W-103.810330
BS11	N32.237187	W-103.810278
BS12	N32.237182	W-103.810218
BS13	N32.237182	W-103.810389
BS14	N32.237174	W-103.810337
BS15	N32.237160	W-103.810281
BS16	N32.237151	W-103.810226
BS17	N32.237152	W-103.810397
BS18	N32.237145	W-103.810344
BS19	N32.237131	W-103.810291
BS20	N32.237115	W-103.810231
BS21	N32.237126	W-103.810406
BS22	N32.237113	W-103.810353

PALLADIUM 7 FED 1A BATT (9-29-19)

BS23	N32.237097	W-103.810305
BS24	N32.237086	W-103.810243
BS25	N32.237098	W-103.810408
BS26	N32.237088	W-103.810367
BS27	N32.237070	W-103.810305
BS28	N32.237063	W-103.810257
BS29	N32.237076	W-103.810418
BS30	N32.237058	W-103.810367
BS31	N32.237046	W-103.810308
BS32	N32.237039	W-103.810234
BS33	N32.237043	W-103.810423
BS34	N32.237036	W-103.810377
BS35	N32.237027	W-103.810330
BS36	N32.237029	W-103.810273
BS37	N32.237013	W-103.810432
BS38	N32.237010	W-103.810388
BS39	N32.237002	W-103.810337
BS40	N32.236998	W-103.810296
BS41	N32.237008	W-103.810245
BS42	N32.236991	W-103.810260



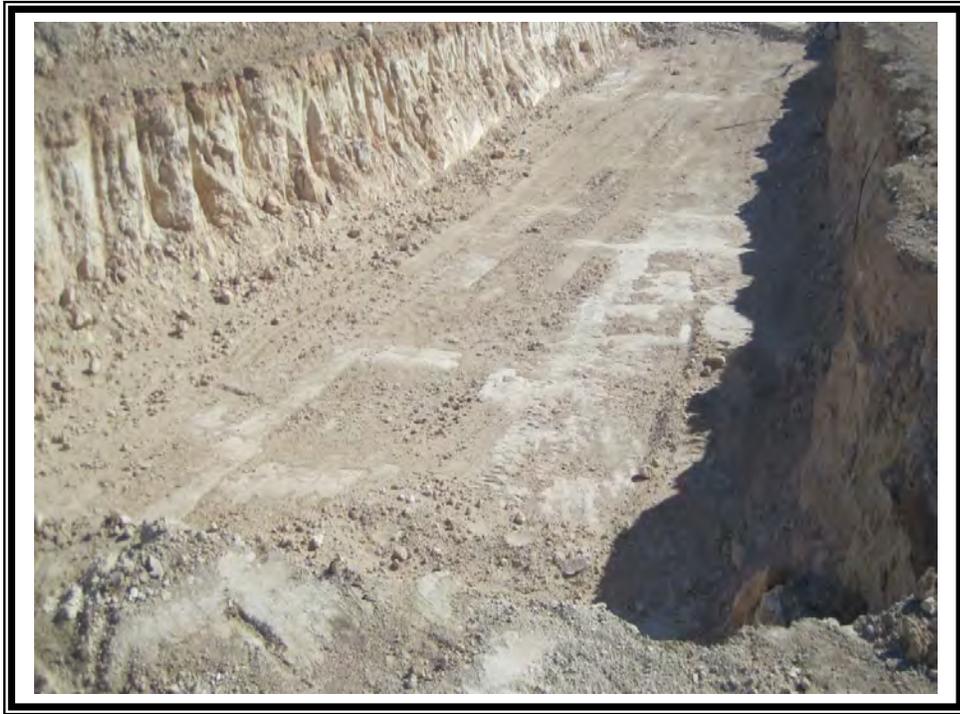


PALLADIUM 7 FED 1A BATTERY  
LEAK DATE: 9-29-19





PALLADIUM 7 FED 1A BATTERY  
LEAK DATE: 9-29-19





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

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July 12, 2021

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: PALLADIUM 7 FED 1A

Enclosed are the results of analyses for samples received by the laboratory on 07/07/21 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. 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](http://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.

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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 1 @ 4' (H211762-01)**

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	07/08/2021	ND	1.98	99.1	2.00	1.26		
Toluene*	<0.050	0.050	07/08/2021	ND	2.14	107	2.00	2.61		
Ethylbenzene*	<0.050	0.050	07/08/2021	ND	2.08	104	2.00	2.68		
Total Xylenes*	<0.150	0.150	07/08/2021	ND	6.21	104	6.00	2.51		
Total BTEX	<0.300	0.300	07/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/09/2021	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	07/08/2021	ND	216	108	200	1.34		
DRO >C10-C28*	<10.0	10.0	07/08/2021	ND	228	114	200	0.651		
EXT DRO >C28-C36	<10.0	10.0	07/08/2021	ND						

Surrogate: 1-Chlorooctane 114 % 44.3-133

Surrogate: 1-Chlorooctadecane 111 % 38.9-142

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:**

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

Received:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 2 @ 4' (H211762-02)**

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	07/08/2021	ND	1.98	99.1	2.00	1.26		
Toluene*	<0.050	0.050	07/08/2021	ND	2.14	107	2.00	2.61		
Ethylbenzene*	<0.050	0.050	07/08/2021	ND	2.08	104	2.00	2.68		
Total Xylenes*	<0.150	0.150	07/08/2021	ND	6.21	104	6.00	2.51		
Total BTEX	<0.300	0.300	07/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/09/2021	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	07/08/2021	ND	179	89.3	200	3.22		
DRO >C10-C28*	<10.0	10.0	07/08/2021	ND	200	99.9	200	0.592		
EXT DRO >C28-C36	<10.0	10.0	07/08/2021	ND						

Surrogate: 1-Chlorooctane 94.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.5 % 38.9-142

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\* = 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:**

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

Received:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 3 @ 4' (H211762-03)**

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	07/08/2021	ND	1.98	99.1	2.00	1.26	
Toluene*	<0.050	0.050	07/08/2021	ND	2.14	107	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/08/2021	ND	2.08	104	2.00	2.68	
Total Xylenes*	<0.150	0.150	07/08/2021	ND	6.21	104	6.00	2.51	
Total BTEX	<0.300	0.300	07/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/09/2021	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	07/08/2021	ND	179	89.3	200	3.22	
DRO >C10-C28*	<10.0	10.0	07/08/2021	ND	200	99.9	200	0.592	
EXT DRO >C28-C36	<10.0	10.0	07/08/2021	ND					

Surrogate: 1-Chlorooctane 99.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 106 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 4 @ 4' (H211762-04)**

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	07/08/2021	ND	1.98	99.1	2.00	1.26	
Toluene*	<0.050	0.050	07/08/2021	ND	2.14	107	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/08/2021	ND	2.08	104	2.00	2.68	
Total Xylenes*	<0.150	0.150	07/08/2021	ND	6.21	104	6.00	2.51	
Total BTEX	<0.300	0.300	07/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/09/2021	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	07/08/2021	ND	179	89.3	200	3.22	
DRO >C10-C28*	<10.0	10.0	07/08/2021	ND	200	99.9	200	0.592	
EXT DRO >C28-C36	<10.0	10.0	07/08/2021	ND					

Surrogate: 1-Chlorooctane 94.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.8 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 5 @ 4' (H211762-05)**

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	07/08/2021	ND	1.98	99.1	2.00	1.26	
Toluene*	<0.050	0.050	07/08/2021	ND	2.14	107	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/08/2021	ND	2.08	104	2.00	2.68	
Total Xylenes*	<0.150	0.150	07/08/2021	ND	6.21	104	6.00	2.51	
Total BTEX	<0.300	0.300	07/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/09/2021	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	07/08/2021	ND	179	89.3	200	3.22	
DRO >C10-C28*	<10.0	10.0	07/08/2021	ND	200	99.9	200	0.592	
EXT DRO >C28-C36	<10.0	10.0	07/08/2021	ND					

Surrogate: 1-Chlorooctane 96.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 101 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 6 @ 4' (H211762-06)**

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	07/08/2021	ND	1.98	99.1	2.00	1.26		
Toluene*	<0.050	0.050	07/08/2021	ND	2.14	107	2.00	2.61		
Ethylbenzene*	<0.050	0.050	07/08/2021	ND	2.08	104	2.00	2.68		
Total Xylenes*	<0.150	0.150	07/08/2021	ND	6.21	104	6.00	2.51		
Total BTEX	<0.300	0.300	07/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/09/2021	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	07/08/2021	ND	179	89.3	200	3.22		
DRO >C10-C28*	<10.0	10.0	07/08/2021	ND	200	99.9	200	0.592		
EXT DRO >C28-C36	<10.0	10.0	07/08/2021	ND						

Surrogate: 1-Chlorooctane 94.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.7 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 7 @ 4' (H211762-07)**

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	07/08/2021	ND	1.98	99.1	2.00	1.26	
Toluene*	<0.050	0.050	07/08/2021	ND	2.14	107	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/08/2021	ND	2.08	104	2.00	2.68	
Total Xylenes*	<0.150	0.150	07/08/2021	ND	6.21	104	6.00	2.51	
Total BTEX	<0.300	0.300	07/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/09/2021	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	07/08/2021	ND	179	89.3	200	3.22	
DRO >C10-C28*	<10.0	10.0	07/08/2021	ND	200	99.9	200	0.592	
EXT DRO >C28-C36	<10.0	10.0	07/08/2021	ND					

Surrogate: 1-Chlorooctane 95.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 100 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 8 @ 4' (H211762-08)**

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	07/08/2021	ND	1.98	99.1	2.00	1.26		
Toluene*	<0.050	0.050	07/08/2021	ND	2.14	107	2.00	2.61		
Ethylbenzene*	<0.050	0.050	07/08/2021	ND	2.08	104	2.00	2.68		
Total Xylenes*	<0.150	0.150	07/08/2021	ND	6.21	104	6.00	2.51		
Total BTEX	<0.300	0.300	07/08/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/09/2021	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	07/08/2021	ND	179	89.3	200	3.22		
DRO >C10-C28*	<10.0	10.0	07/08/2021	ND	200	99.9	200	0.592		
EXT DRO >C28-C36	<10.0	10.0	07/08/2021	ND						

Surrogate: 1-Chlorooctane 95.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 100 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 9 @ 4' (H211762-09)**

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	07/08/2021	ND	1.98	99.1	2.00	1.26	
Toluene*	<0.050	0.050	07/08/2021	ND	2.14	107	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/08/2021	ND	2.08	104	2.00	2.68	
Total Xylenes*	<0.150	0.150	07/08/2021	ND	6.21	104	6.00	2.51	
Total BTEX	<0.300	0.300	07/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/09/2021	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	07/08/2021	ND	179	89.3	200	3.22	
DRO >C10-C28*	<10.0	10.0	07/08/2021	ND	200	99.9	200	0.592	
EXT DRO >C28-C36	<10.0	10.0	07/08/2021	ND					

Surrogate: 1-Chlorooctane 99.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 109 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 10 @ 4' (H211762-10)**

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	07/08/2021	ND	1.98	99.1	2.00	1.26	
Toluene*	<0.050	0.050	07/08/2021	ND	2.14	107	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/08/2021	ND	2.08	104	2.00	2.68	
Total Xylenes*	<0.150	0.150	07/08/2021	ND	6.21	104	6.00	2.51	
Total BTEX	<0.300	0.300	07/08/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/09/2021	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	07/08/2021	ND	179	89.3	200	3.22	
DRO >C10-C28*	<10.0	10.0	07/08/2021	ND	200	99.9	200	0.592	
EXT DRO >C28-C36	<10.0	10.0	07/08/2021	ND					

Surrogate: 1-Chlorooctane 90.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.9 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 11 @ 4' (H211762-11)**

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	07/08/2021	ND	1.98	99.1	2.00	1.26	
Toluene*	<0.050	0.050	07/08/2021	ND	2.14	107	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/08/2021	ND	2.08	104	2.00	2.68	
Total Xylenes*	<0.150	0.150	07/08/2021	ND	6.21	104	6.00	2.51	
Total BTEX	<0.300	0.300	07/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/09/2021	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	07/08/2021	ND	179	89.3	200	3.22	
DRO >C10-C28*	<10.0	10.0	07/08/2021	ND	200	99.9	200	0.592	
EXT DRO >C28-C36	<10.0	10.0	07/08/2021	ND					

Surrogate: 1-Chlorooctane 90.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.5 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 12 @ 4' (H211762-12)**

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	07/08/2021	ND	1.98	99.1	2.00	1.26	
Toluene*	<0.050	0.050	07/08/2021	ND	2.14	107	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/08/2021	ND	2.08	104	2.00	2.68	
Total Xylenes*	<0.150	0.150	07/08/2021	ND	6.21	104	6.00	2.51	
Total BTEX	<0.300	0.300	07/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/09/2021	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	07/08/2021	ND	179	89.3	200	3.22	
DRO >C10-C28*	<10.0	10.0	07/08/2021	ND	200	99.9	200	0.592	
EXT DRO >C28-C36	<10.0	10.0	07/08/2021	ND					

Surrogate: 1-Chlorooctane 99.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 105 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 13 @ 4' (H211762-13)**

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	07/08/2021	ND	1.98	99.1	2.00	1.26	
Toluene*	<0.050	0.050	07/08/2021	ND	2.14	107	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/08/2021	ND	2.08	104	2.00	2.68	
Total Xylenes*	<0.150	0.150	07/08/2021	ND	6.21	104	6.00	2.51	
Total BTEX	<0.300	0.300	07/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/09/2021	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	07/08/2021	ND	179	89.3	200	3.22	
DRO >C10-C28*	<10.0	10.0	07/08/2021	ND	200	99.9	200	0.592	
EXT DRO >C28-C36	<10.0	10.0	07/08/2021	ND					

Surrogate: 1-Chlorooctane 101 % 44.3-133

Surrogate: 1-Chlorooctadecane 105 % 38.9-142

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\*=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:**

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

Received:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 14 @ 4' (H211762-14)**

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	07/08/2021	ND	1.98	99.1	2.00	1.26		
Toluene*	<0.050	0.050	07/08/2021	ND	2.14	107	2.00	2.61		
Ethylbenzene*	<0.050	0.050	07/08/2021	ND	2.08	104	2.00	2.68		
Total Xylenes*	<0.150	0.150	07/08/2021	ND	6.21	104	6.00	2.51		
Total BTEX	<0.300	0.300	07/08/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/09/2021	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	07/08/2021	ND	179	89.3	200	3.22		
DRO >C10-C28*	<10.0	10.0	07/08/2021	ND	200	99.9	200	0.592		
EXT DRO >C28-C36	<10.0	10.0	07/08/2021	ND						

Surrogate: 1-Chlorooctane 101 % 44.3-133

Surrogate: 1-Chlorooctadecane 109 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 15 @ 4' (H211762-15)**

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	07/08/2021	ND	1.98	99.1	2.00	1.26	
Toluene*	<0.050	0.050	07/08/2021	ND	2.14	107	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/08/2021	ND	2.08	104	2.00	2.68	
Total Xylenes*	<0.150	0.150	07/08/2021	ND	6.21	104	6.00	2.51	
Total BTEX	<0.300	0.300	07/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/09/2021	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	07/08/2021	ND	179	89.3	200	3.22	
DRO >C10-C28*	<10.0	10.0	07/08/2021	ND	200	99.9	200	0.592	
EXT DRO >C28-C36	<10.0	10.0	07/08/2021	ND					

Surrogate: 1-Chlorooctane 97.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 103 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 16 @ 4' (H211762-16)**

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	07/08/2021	ND	1.98	99.1	2.00	1.26	
Toluene*	<0.050	0.050	07/08/2021	ND	2.14	107	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/08/2021	ND	2.08	104	2.00	2.68	
Total Xylenes*	<0.150	0.150	07/08/2021	ND	6.21	104	6.00	2.51	
Total BTEX	<0.300	0.300	07/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/09/2021	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	07/08/2021	ND	179	89.3	200	3.22	
DRO >C10-C28*	<10.0	10.0	07/08/2021	ND	200	99.9	200	0.592	
EXT DRO >C28-C36	<10.0	10.0	07/08/2021	ND					

Surrogate: 1-Chlorooctane 98.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 103 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 17 @ 4' (H211762-17)**

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	07/08/2021	ND	2.00	100	2.00	4.06		
Toluene*	<0.050	0.050	07/08/2021	ND	1.90	95.2	2.00	3.87		
Ethylbenzene*	<0.050	0.050	07/08/2021	ND	1.84	91.9	2.00	4.77		
Total Xylenes*	<0.150	0.150	07/08/2021	ND	5.63	93.9	6.00	4.73		
Total BTEX	<0.300	0.300	07/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	07/09/2021	ND	416	104	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	07/08/2021	ND	179	89.3	200	3.22		
DRO >C10-C28*	<10.0	10.0	07/08/2021	ND	200	99.9	200	0.592		
EXT DRO >C28-C36	<10.0	10.0	07/08/2021	ND						

Surrogate: 1-Chlorooctane 98.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 105 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 18 @ 4' (H211762-18)**

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	07/08/2021	ND	2.00	100	2.00	4.06		
Toluene*	<0.050	0.050	07/08/2021	ND	1.90	95.2	2.00	3.87		
Ethylbenzene*	<0.050	0.050	07/08/2021	ND	1.84	91.9	2.00	4.77		
Total Xylenes*	<0.150	0.150	07/08/2021	ND	5.63	93.9	6.00	4.73		
Total BTEX	<0.300	0.300	07/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	07/09/2021	ND	416	104	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	07/08/2021	ND	179	89.3	200	3.22		
DRO >C10-C28*	<10.0	10.0	07/08/2021	ND	200	99.9	200	0.592		
EXT DRO >C28-C36	<10.0	10.0	07/08/2021	ND						

Surrogate: 1-Chlorooctane 98.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 107 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 19 @ 4' (H211762-19)**

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	07/08/2021	ND	2.00	100	2.00	4.06		
Toluene*	<0.050	0.050	07/08/2021	ND	1.90	95.2	2.00	3.87		
Ethylbenzene*	<0.050	0.050	07/08/2021	ND	1.84	91.9	2.00	4.77		
Total Xylenes*	<0.150	0.150	07/08/2021	ND	5.63	93.9	6.00	4.73		
Total BTEX	<0.300	0.300	07/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	07/09/2021	ND	416	104	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	07/08/2021	ND	179	89.3	200	3.22		
DRO >C10-C28*	<10.0	10.0	07/08/2021	ND	200	99.9	200	0.592		
EXT DRO >C28-C36	<10.0	10.0	07/08/2021	ND						

Surrogate: 1-Chlorooctane 100 % 44.3-133

Surrogate: 1-Chlorooctadecane 109 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 20 @ 4' (H211762-20)**

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	07/08/2021	ND	2.00	100	2.00	4.06	
Toluene*	<0.050	0.050	07/08/2021	ND	1.90	95.2	2.00	3.87	
Ethylbenzene*	<0.050	0.050	07/08/2021	ND	1.84	91.9	2.00	4.77	
Total Xylenes*	<0.150	0.150	07/08/2021	ND	5.63	93.9	6.00	4.73	
Total BTEX	<0.300	0.300	07/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	07/09/2021	ND	416	104	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	07/08/2021	ND	207	103	200	3.27	
DRO >C10-C28*	<10.0	10.0	07/08/2021	ND	213	106	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	07/08/2021	ND					

Surrogate: 1-Chlorooctane 93.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.8 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 21 @ 4' (H211762-21)**

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	07/09/2021	ND	2.00	100	2.00	4.06	
Toluene*	<0.050	0.050	07/09/2021	ND	1.90	95.2	2.00	3.87	
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.84	91.9	2.00	4.77	
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.63	93.9	6.00	4.73	
Total BTEX	<0.300	0.300	07/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	07/09/2021	ND	416	104	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	07/09/2021	ND	207	103	200	3.27	
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	213	106	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND					

Surrogate: 1-Chlorooctane 89.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.9 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 22 @ 4' (H211762-22)**

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	07/09/2021	ND	2.00	100	2.00	4.06		
Toluene*	<0.050	0.050	07/09/2021	ND	1.90	95.2	2.00	3.87		
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.84	91.9	2.00	4.77		
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.63	93.9	6.00	4.73		
Total BTEX	<0.300	0.300	07/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	07/09/2021	ND	416	104	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	07/09/2021	ND	207	103	200	3.27		
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	213	106	200	2.14		
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND						

Surrogate: 1-Chlorooctane 93.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.9 % 38.9-142

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\* = 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:**

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

Received:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 23 @ 4' (H211762-23)**

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	07/09/2021	ND	2.00	100	2.00	4.06	
Toluene*	<0.050	0.050	07/09/2021	ND	1.90	95.2	2.00	3.87	
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.84	91.9	2.00	4.77	
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.63	93.9	6.00	4.73	
Total BTEX	<0.300	0.300	07/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	07/09/2021	ND	416	104	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	07/09/2021	ND	207	103	200	3.27	
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	213	106	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND					

Surrogate: 1-Chlorooctane 93.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.4 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 24 @ 4' (H211762-24)**

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	07/09/2021	ND	2.00	100	2.00	4.06	
Toluene*	<0.050	0.050	07/09/2021	ND	1.90	95.2	2.00	3.87	
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.84	91.9	2.00	4.77	
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.63	93.9	6.00	4.73	
Total BTEX	<0.300	0.300	07/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	07/09/2021	ND	416	104	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	07/09/2021	ND	207	103	200	3.27	
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	213	106	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND					

Surrogate: 1-Chlorooctane 97.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.4 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 25 @ 4' (H211762-25)**

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	07/09/2021	ND	2.00	100	2.00	4.06		
Toluene*	<0.050	0.050	07/09/2021	ND	1.90	95.2	2.00	3.87		
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.84	91.9	2.00	4.77		
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.63	93.9	6.00	4.73		
Total BTEX	<0.300	0.300	07/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	07/09/2021	ND	416	104	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	07/09/2021	ND	207	103	200	3.27		
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	213	106	200	2.14		
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND						

Surrogate: 1-Chlorooctane 95.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.5 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 26 @ 4' (H211762-26)**

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	07/09/2021	ND	2.00	100	2.00	4.06		
Toluene*	<0.050	0.050	07/09/2021	ND	1.90	95.2	2.00	3.87		
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.84	91.9	2.00	4.77		
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.63	93.9	6.00	4.73		
Total BTEX	<0.300	0.300	07/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	07/09/2021	ND	416	104	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	07/09/2021	ND	207	103	200	3.27		
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	213	106	200	2.14		
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND						

Surrogate: 1-Chlorooctane 98.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.6 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 27 @ 4' (H211762-27)**

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	07/09/2021	ND	2.00	100	2.00	4.06		
Toluene*	<0.050	0.050	07/09/2021	ND	1.90	95.2	2.00	3.87		
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.84	91.9	2.00	4.77		
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.63	93.9	6.00	4.73		
Total BTEX	<0.300	0.300	07/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	07/09/2021	ND	416	104	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	07/09/2021	ND	207	103	200	3.27		
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	213	106	200	2.14		
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND						

Surrogate: 1-Chlorooctane 93.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.5 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 28 @ 4' (H211762-28)**

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	07/09/2021	ND	2.00	100	2.00	4.06		
Toluene*	<0.050	0.050	07/09/2021	ND	1.90	95.2	2.00	3.87		
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.84	91.9	2.00	4.77		
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.63	93.9	6.00	4.73		
Total BTEX	<0.300	0.300	07/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	07/09/2021	ND	416	104	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	07/09/2021	ND	207	103	200	3.27		
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	213	106	200	2.14		
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND						

Surrogate: 1-Chlorooctane 95.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.3 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 29 @ 4' (H211762-29)**

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	07/09/2021	ND	2.00	100	2.00	4.06	
Toluene*	<0.050	0.050	07/09/2021	ND	1.90	95.2	2.00	3.87	
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.84	91.9	2.00	4.77	
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.63	93.9	6.00	4.73	
Total BTEX	<0.300	0.300	07/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	07/09/2021	ND	416	104	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	07/09/2021	ND	207	103	200	3.27	
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	213	106	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND					

Surrogate: 1-Chlorooctane 92.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 96.8 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 30 @ 4' (H211762-30)**

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	07/09/2021	ND	2.00	100	2.00	4.06		
Toluene*	<0.050	0.050	07/09/2021	ND	1.90	95.2	2.00	3.87		
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.84	91.9	2.00	4.77		
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.63	93.9	6.00	4.73		
Total BTEX	<0.300	0.300	07/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	07/09/2021	ND	416	104	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	07/09/2021	ND	207	103	200	3.27		
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	213	106	200	2.14		
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND						

Surrogate: 1-Chlorooctane 102 % 44.3-133

Surrogate: 1-Chlorooctadecane 103 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 31 @ 4' (H211762-31)**

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	07/09/2021	ND	2.00	100	2.00	4.06	
Toluene*	<0.050	0.050	07/09/2021	ND	1.90	95.2	2.00	3.87	
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.84	91.9	2.00	4.77	
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.63	93.9	6.00	4.73	
Total BTEX	<0.300	0.300	07/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	07/09/2021	ND	416	104	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	07/09/2021	ND	207	103	200	3.27	
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	213	106	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND					

Surrogate: 1-Chlorooctane 100 % 44.3-133

Surrogate: 1-Chlorooctadecane 101 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 32 @ 4' (H211762-32)**

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	07/09/2021	ND	2.00	100	2.00	4.06	
Toluene*	<0.050	0.050	07/09/2021	ND	1.90	95.2	2.00	3.87	
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.84	91.9	2.00	4.77	
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.63	93.9	6.00	4.73	
Total BTEX	<0.300	0.300	07/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	07/09/2021	ND	416	104	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	07/09/2021	ND	207	103	200	3.27	
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	213	106	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND					

Surrogate: 1-Chlorooctane 96.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.5 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 33 @ 4' (H211762-33)**

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	07/09/2021	ND	2.00	100	2.00	4.06	
Toluene*	<0.050	0.050	07/09/2021	ND	1.90	95.2	2.00	3.87	
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.84	91.9	2.00	4.77	
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.63	93.9	6.00	4.73	
Total BTEX	<0.300	0.300	07/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	07/09/2021	ND	416	104	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	07/09/2021	ND	207	103	200	3.27	
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	213	106	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND					

Surrogate: 1-Chlorooctane 93.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.1 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 34 @ 4' (H211762-34)**

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	07/09/2021	ND	2.00	100	2.00	4.06	
Toluene*	<0.050	0.050	07/09/2021	ND	1.90	95.2	2.00	3.87	
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.84	91.9	2.00	4.77	
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.63	93.9	6.00	4.73	
Total BTEX	<0.300	0.300	07/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	07/09/2021	ND	416	104	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	07/09/2021	ND	172	86.0	200	0.825	
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	190	94.9	200	0.466	
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND					

Surrogate: 1-Chlorooctane 81.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.0 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 35 @ 4' (H211762-35)**

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	07/09/2021	ND	2.00	100	2.00	4.06		
Toluene*	<0.050	0.050	07/09/2021	ND	1.90	95.2	2.00	3.87		
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.84	91.9	2.00	4.77		
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.63	93.9	6.00	4.73		
Total BTEX	<0.300	0.300	07/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	07/09/2021	ND	416	104	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	07/09/2021	ND	172	86.0	200	0.825		
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	190	94.9	200	0.466		
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND						

Surrogate: 1-Chlorooctane 80.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.5 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 36 @ 4' (H211762-36)**

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	07/09/2021	ND	2.00	100	2.00	4.06	
Toluene*	<0.050	0.050	07/09/2021	ND	1.90	95.2	2.00	3.87	
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.84	91.9	2.00	4.77	
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.63	93.9	6.00	4.73	
Total BTEX	<0.300	0.300	07/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	07/09/2021	ND	416	104	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	07/09/2021	ND	172	86.0	200	0.825	
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	190	94.9	200	0.466	
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND					

Surrogate: 1-Chlorooctane 77.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.5 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 37 @ 4' (H211762-37)**

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	07/09/2021	ND	1.89	94.6	2.00	8.26	
Toluene*	<0.050	0.050	07/09/2021	ND	2.00	99.8	2.00	6.86	
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.94	96.8	2.00	6.84	
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.82	97.1	6.00	5.77	
Total BTEX	<0.300	0.300	07/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 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	07/09/2021	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	07/09/2021	ND	172	86.0	200	0.825	
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	190	94.9	200	0.466	
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND					

Surrogate: 1-Chlorooctane 79.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.7 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 38 @ 4' (H211762-38)**

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	07/09/2021	ND	1.89	94.6	2.00	8.26	
Toluene*	<0.050	0.050	07/09/2021	ND	2.00	99.8	2.00	6.86	
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.94	96.8	2.00	6.84	
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.82	97.1	6.00	5.77	
Total BTEX	<0.300	0.300	07/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	07/09/2021	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	07/09/2021	ND	172	86.0	200	0.825	
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	190	94.9	200	0.466	
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND					

Surrogate: 1-Chlorooctane 78.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.4 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 39 @ 4' (H211762-39)**

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	07/09/2021	ND	1.89	94.6	2.00	8.26		
Toluene*	<0.050	0.050	07/09/2021	ND	2.00	99.8	2.00	6.86		
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.94	96.8	2.00	6.84		
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.82	97.1	6.00	5.77		
Total BTEX	<0.300	0.300	07/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	32.0	16.0	07/09/2021	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	07/09/2021	ND	172	86.0	200	0.825		
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	190	94.9	200	0.466		
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND						

Surrogate: 1-Chlorooctane 80.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.8 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 40 @ 4' (H211762-40)**

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	07/09/2021	ND	1.89	94.6	2.00	8.26		
Toluene*	<0.050	0.050	07/09/2021	ND	2.00	99.8	2.00	6.86		
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.94	96.8	2.00	6.84		
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.82	97.1	6.00	5.77		
Total BTEX	<0.300	0.300	07/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	07/09/2021	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	07/09/2021	ND	172	86.0	200	0.825		
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	190	94.9	200	0.466		
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND						

Surrogate: 1-Chlorooctane 86.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.5 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 41 @ 4' (H211762-41)**

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	07/09/2021	ND	1.89	94.6	2.00	8.26		
Toluene*	<0.050	0.050	07/09/2021	ND	2.00	99.8	2.00	6.86		
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.94	96.8	2.00	6.84		
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.82	97.1	6.00	5.77		
Total BTEX	<0.300	0.300	07/09/2021	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	07/09/2021	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	07/09/2021	ND	172	86.0	200	0.825		
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	190	94.9	200	0.466		
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND						

Surrogate: 1-Chlorooctane 72.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.0 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: BS 42 @ 4' (H211762-42)**

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	07/09/2021	ND	1.89	94.6	2.00	8.26	
Toluene*	<0.050	0.050	07/09/2021	ND	2.00	99.8	2.00	6.86	
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.94	96.8	2.00	6.84	
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.82	97.1	6.00	5.77	
Total BTEX	<0.300	0.300	07/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	07/09/2021	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	07/09/2021	ND	172	86.0	200	0.825	
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	190	94.9	200	0.466	
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND					

Surrogate: 1-Chlorooctane 84.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.1 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: SW 1 (H211762-43)**

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	07/09/2021	ND	1.89	94.6	2.00	8.26	
Toluene*	<0.050	0.050	07/09/2021	ND	2.00	99.8	2.00	6.86	
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.94	96.8	2.00	6.84	
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.82	97.1	6.00	5.77	
Total BTEX	<0.300	0.300	07/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 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	07/09/2021	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	07/09/2021	ND	172	86.0	200	0.825	
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	190	94.9	200	0.466	
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND					

Surrogate: 1-Chlorooctane 75.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.3 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: SW 2 (H211762-44)**

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	07/09/2021	ND	1.89	94.6	2.00	8.26	
Toluene*	<0.050	0.050	07/09/2021	ND	2.00	99.8	2.00	6.86	
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.94	96.8	2.00	6.84	
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.82	97.1	6.00	5.77	
Total BTEX	<0.300	0.300	07/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	07/09/2021	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	07/09/2021	ND	172	86.0	200	0.825	
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	190	94.9	200	0.466	
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND					

Surrogate: 1-Chlorooctane 101 % 44.3-133

Surrogate: 1-Chlorooctadecane 107 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: SW 3 (H211762-45)**

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	07/09/2021	ND	1.89	94.6	2.00	8.26		
Toluene*	<0.050	0.050	07/09/2021	ND	2.00	99.8	2.00	6.86		
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.94	96.8	2.00	6.84		
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.82	97.1	6.00	5.77		
Total BTEX	<0.300	0.300	07/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	07/09/2021	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	07/09/2021	ND	172	86.0	200	0.825		
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	190	94.9	200	0.466		
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND						

Surrogate: 1-Chlorooctane 99.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 108 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: SW 4 (H211762-46)**

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	07/09/2021	ND	1.89	94.6	2.00	8.26	
Toluene*	<0.050	0.050	07/09/2021	ND	2.00	99.8	2.00	6.86	
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.94	96.8	2.00	6.84	
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.82	97.1	6.00	5.77	
Total BTEX	<0.300	0.300	07/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	07/09/2021	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	07/09/2021	ND	172	86.0	200	0.825	
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	190	94.9	200	0.466	
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND					

Surrogate: 1-Chlorooctane 91.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.4 % 38.9-142

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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:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: SW 5 (H211762-47)**

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	07/09/2021	ND	1.89	94.6	2.00	8.26	
Toluene*	<0.050	0.050	07/09/2021	ND	2.00	99.8	2.00	6.86	
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.94	96.8	2.00	6.84	
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.82	97.1	6.00	5.77	
Total BTEX	<0.300	0.300	07/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	07/09/2021	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	07/09/2021	ND	172	86.0	200	0.825	
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	190	94.9	200	0.466	
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND					

Surrogate: 1-Chlorooctane 88.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.4 % 38.9-142

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\* = 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:**

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

Received:	07/07/2021	Sampling Date:	07/07/2021
Reported:	07/12/2021	Sampling Type:	Soil
Project Name:	PALLADIUM 7 FED 1A	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

**Sample ID: SW 6 (H211762-48)**

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	07/09/2021	ND	1.89	94.6	2.00	8.26	
Toluene*	<0.050	0.050	07/09/2021	ND	2.00	99.8	2.00	6.86	
Ethylbenzene*	<0.050	0.050	07/09/2021	ND	1.94	96.8	2.00	6.84	
Total Xylenes*	<0.150	0.150	07/09/2021	ND	5.82	97.1	6.00	5.77	
Total BTEX	<0.300	0.300	07/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 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	07/09/2021	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	07/09/2021	ND	199	99.6	200	3.03	
DRO >C10-C28*	<10.0	10.0	07/09/2021	ND	206	103	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	07/09/2021	ND					

Surrogate: 1-Chlorooctane 91.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO**

**ANALYSIS REQUEST**

Company Name: BBC International, Inc. P.O. #: \_\_\_\_\_  
 Project Manager: Cliff Brunson Company: OXY  
 Address: P.O. Box 805 State: NM Zip: 88241  
 City: Hobbs Attn: WADE  
 Phone #: 575-397-6388 Fax #: 575-397-0397 Address: \_\_\_\_\_  
 Project #: \_\_\_\_\_ Project Owner: Oxy City: \_\_\_\_\_  
 Project Name: Palladium 7 Fed 1 A State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Project Location: \_\_\_\_\_ Phone #: \_\_\_\_\_  
 Sampler Name: SIMON RENDON Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX							DATE	TIME	CL	BTEX	TPH EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
H211762	05 1 @ 4'	G	1			✓					7-7-21	8:30	✓	✓	✓
	05 2 @ 4'	G	1	✓							7-7-21	8:35	✓	✓	✓
	05 3 @ 4'	G	1	✓							7-7-21	8:40	✓	✓	✓
	05 4 @ 4'	G	1	✓							7-7-21	8:45	✓	✓	✓
	05 5 @ 4'	G	1	✓							7-7-21	8:50	✓	✓	✓
	05 6 @ 4'	G	1	✓							7-7-21	8:55	✓	✓	✓
	05 7 @ 4'	G	1	✓							7-7-21	9:00	✓	✓	✓
	05 8 @ 4'	G	1	✓							7-7-21	9:05	✓	✓	✓
	05 9 @ 4'	G	1	✓							7-7-21	9:10	✓	✓	✓
	05 10 @ 4'	G	1	✓							7-7-21	9:15	✓	✓	✓

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Relinquished By: \_\_\_\_\_ Date: 7-7-21 Received By: \_\_\_\_\_  
 Time: 7:50  
 Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Received By: \_\_\_\_\_  
 Time: \_\_\_\_\_  
 Delivered By: (Circle One)  UPS  Bus  Other: 2.3 #113  
 Sample Condition: Cool  Intact  YES  NO  
 CHECKED BY: (Initials) T.O.  
 Phone Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
 Fax Result:  Yes  No Add'l Fax #: \_\_\_\_\_  
 REMARKS: \_\_\_\_\_

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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO**

**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 Owner: Oxy  
 Project Name: Palladium 7 Fed 1 A  
 Project Location:  
 Sampler Name: SIMON RENDON  
 P.O. #: Company: OXY  
 Attn: WADE  
 Address:  
 City:  
 State: Zip:  
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	CL	BTEX	TPH EXT	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:						ICE / COOL
H211762	B5 21 @ 4'	G	1									7-7-21	10:10	✓	✓	✓
	B5 22 @ 4'	G	1									7-7-21	10:15	✓	✓	✓
	B5 23 @ 4'	G	1									7-7-21	10:20	✓	✓	✓
	B5 24 @ 4'	G	1									7-7-21	10:25	✓	✓	✓
	B5 25 @ 4'	G	1									7-7-21	10:30	✓	✓	✓
	B5 26 @ 4'	G	1									7-7-21	10:35	✓	✓	✓
	B5 27 @ 4'	G	1									7-7-21	10:40	✓	✓	✓
	B5 28 @ 4'	G	1									7-7-21	10:45	✓	✓	✓
	B5 29 @ 4'	G	1									7-7-21	10:50	✓	✓	✓
	B5 30 @ 4'	G	1									7-7-21	10:55	✓	✓	✓

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Relinquished By: [Signature] Date: 7-7-21 Time: 7:15  
 Received By: [Signature] Date: 7-7-21 Time: 7:30  
 Delivered By: (Circle One) UPS - Bus - Other: 2.3 @ #13  
 Sample Condition: Cool  Intact   
 Checked By: [Signature] (Initials) [Signature]

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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO**

**ANALYSIS REQUEST**

Company Name: BBC International, Inc. P.O. #:  
 Project Manager: Cliff Brunson Company: OXY  
 Address: P.O. Box 805 Attn: WADE  
 City: Hobbs State: NM Zip: 88241  
 Phone #: 575-397-6388 Fax #: 575-397-0397  
 Project #: Project Owner: Oxy  
 Project Name: Palladium 7 Fed 1A  
 Project Location: City: State: zip:  
 Sampler Name: SIMON RENDON Phone #: Fax #:  
 FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	CL	BTEX	TPH EXT	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:						ICE / COOL
H211762	B5 31 e y'	G	1									7-7-21	11:00			
	B5 32 e y'	G	1									7-7-21	11:05			
	B5 33 e y'	G	1									7-7-21	11:00			
	B5 34 e y'	G	1									7-7-21	11:15			
	B5 35 e y'	G	1									7-7-21	11:20			
	B5 36 e y'	G	1									7-7-21	11:25			
	B5 37 e y'	G	1									7-7-21	11:30			
	B5 38 e y'	G	1									7-7-21	11:35			
	B5 39 e y'	G	1									7-7-21	11:40			
	B5 40 e y'	G	1									7-7-21	11:45			

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 Relinquished By: *[Signature]* Date: 7-6-50  
 Received By: *[Signature]* Received By: *[Signature]*  
 Delivered By: (Circle One) Sample Condition: Cool  Intact   
 Sampler - UPS - Bus - Other: 2.3c #113  Yes  No  Yes  No  No  
 CHECKED BY: *[Signature]*  
 Phone Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
 Fax Result:  Yes  No Add'l Fax #: \_\_\_\_\_  
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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO 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 Owner: Oxy  
 Project Name: Palladium 7 Fed 1 A  
 Project Location:  
 Sampler Name: SIMON RENDON  
 P.O. #: Company: OXY  
 Attn: WADE  
 Address:  
 City:  
 State: Zip:  
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	CL	BTEX	TPH EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
411	B5 41 e 4	G	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7-7-21	11:50	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
412	B5 42 e 4	G	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7-7-21	11:55	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
413	B5 42 e 4	G	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7-7-21	12:00	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
444	B5 41 e 4	G	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7-7-21	12:35	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
445	B5 41 e 4	G	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7-7-21	12:40	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
446	B5 41 e 4	G	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7-7-21	12:45	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
447	B5 41 e 4	G	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7-7-21	12:50	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
448	B5 41 e 4	G	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7-7-21	12:55	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					

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Relinquished By: *[Signature]* Date: 7-7-21 Received By: *[Signature]* Phone Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
 Relinquished By: *[Signature]* Date: 7-7-21 Received By: *[Signature]* Fax Result:  Yes  No Add'l Fax #: \_\_\_\_\_  
 Delivered By: (Circle One)  UPS  Bus  Other: *9.30 #113* Sample Condition:  Cool  Intact  Yes  No  Yes  No CHECKED BY: *[Signature]*  
 Sampler - UPS - Bus - Other: *9.30 #113*  No  No

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Groundwater levels for New Mexico

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Agency code = usgs  
 site\_no list = 

- 321421103464901

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

**USGS 321421103464901 24S.31E.04.433422**

Eddy County, New Mexico  
 Latitude 32°14'23.7", Longitude 103°46'47.8" NAD83  
 Land-surface elevation 3,419.00 feet above NGVD29  
 The depth of the well is 627 feet below land surface.  
 This well is completed in the Rustler Formation (312RSLR) local aquifer.

**Output formats**

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1959-03-13		D	424.60				2		U	
2013-01-16	17:30 MST	m	437.47				2	P	S	USGS

**Explanation**

Section	Code	Description
<a href="#">Water-level date-time accuracy</a>	D	Date is accurate to the Day
<a href="#">Water-level date-time accuracy</a>	m	Date is accurate to the Minute
<a href="#">Water-level accuracy</a>	2	Water level accuracy to nearest hundredth of a foot
<a href="#">Status</a>		The reported water-level measurement represents a static level
<a href="#">Status</a>	P	Site was being pumped.
<a href="#">Method of measurement</a>	S	Steel-tape measurement.
<a href="#">Method of measurement</a>	U	Unknown method.
<a href="#">Measuring agency</a>		Not determined
<a href="#">Measuring agency</a>	USGS	U.S. Geological Survey
<a href="#">Source of measurement</a>	R	Reported by person other than the owner, driller, or another government agency.
<a href="#">Source of measurement</a>	U	Source is unknown.
<a href="#">Water-level approval status</a>	A	Approved for publication -- Processing and review completed.

---

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**Title: Groundwater for New Mexico: Water Levels**

**URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>**



Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2019-10-01 16:54:23 EDT

0.51 0.46 nadww02

**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 93247

**CONDITIONS**

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 93247
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NRM1935056894 PALLADIUM 7 FEDERAL 1A BATTERY, thank you. This closure is approved.	4/26/2022