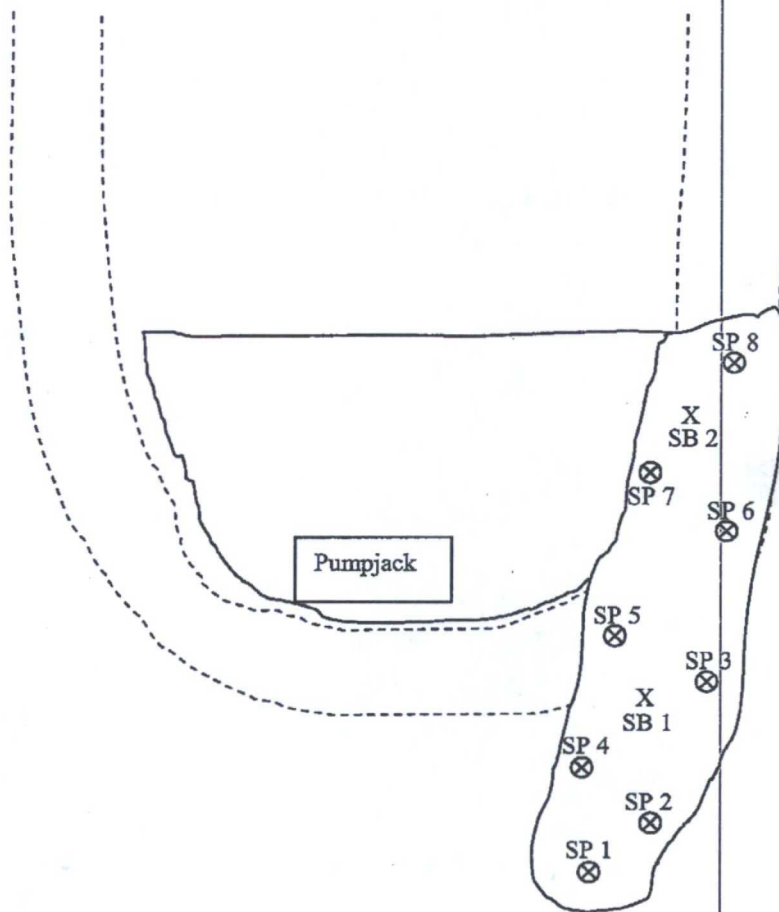


OXY SMU #30



Proposed to OGD:
3' excavation with
liner



LEGEND

- X Soil Boring
- ⊗ Sample Points

BBC INTERNATIONAL, INC.

OXY
SMU #30

Date: 7-26-10	Drawn By: JG
Disk:	Sheet 1 of 1 Sheets
Scale: Not to Scale	File Name

30-025-25747
P-15-245-37E
WATER @ 69'

Soil Laboratory Analytical Results Summary
SMU #30

		Sample	SP1 @ Surface	SP2 @ Surface	SP3 @ Surface	SP4 @ Surface	SP5 @ Surface	SP6 @ Surface	SP7 @ Surface	SP8 @ Surface
Analyte	Method	Date								
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	S 8021B	01/15/10	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	S 8021B	01/15/10	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	S 8021B	01/15/10	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	S 8021B	01/15/10	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	EPA 300.0	01/15/10	8400	320	1550	4800	<16	<16	2720	5200
GRO	S 8015B	01/15/10	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	Mod. 8015B	01/15/10	<10.0	<10.0	632	303	<10.0	49.6	215	385

		Sample	SP4 @ 3	SP4 @ 8	SP4 @ 10	SP4 @ 12	SP7 @ 2	SP8 @ 2	SP8 @ 4	SP8 @ 6
Analyte	Method	Date								
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	EPA 300.0	02/01/10	1170	672	656	656	<16	448	912	2960

		Sample	SP8 @ 7	SP8 @ 8	SP3 @ 3	SP3 @ 4	SP3 @ 6
Analyte	Method	Date					
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	EPA 300.0	02/01/10	3760	4480	1060	1070	5600

		Sample	SB2 @ 15
Analyte	Method	Date	
			mg/Kg
Chloride	EPA 300.0	04/20/10	368

		Sample	SB1 @ 15
Analyte	Method	Date	
			mg/Kg
Chloride	EPA 300.0	05/10/10	208



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ANALYTICAL RESULTS FOR
BBC INTERNATIONAL, INC.
ATTN: CLIFF BRUNSON
P.O. BOX 805
HOBBS, NM 88241
FAX TO (575) 397-0397

Receiving Date: 01/22/10
Reporting Date: 01/27/10
Project Owner: OXY
Project Name: SMU #30
Project Location: JAL, NM

Sampling Date: 01/15/10
Sample Type: SOIL
Sample Condition: COOL & INTACT @ -4°C
Sample Received By: JH
Analyzed By: AB/ZL/NF

LAB NO.	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (C ₁₀ -C ₂₈) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL (mg/kg)	TOTAL (mg/kg)	CI* (mg/kg)
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ANALYSIS DATE:	01/27/10	01/27/10	01/25/10	01/25/10	01/25/10	01/25/10	01/23/10
H19120-1 SP1 @ SURFACE	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	8,400
H19120-2 SP2 @ SURFACE	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	320
H19120-3 SP3 @ SURFACE	<10.0	632	<0.050	<0.050	<0.050	<0.300	1,550
H19120-4 SP4 @ SURFACE	<10.0	303	<0.050	<0.050	<0.050	<0.300	4,800
H19120-5 SP5 @ SURFACE	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	< 16
H19120-6 SP6 @ SURFACE	<10.0	49.6	<0.050	<0.050	<0.050	<0.300	< 16
H19120-7 SP7 @ SURFACE	<10.0	215	<0.050	<0.050	<0.050	<0.300	2,720
H19120-8 SP8 @ SURFACE	<10.0	385	<0.050	<0.050	<0.050	<0.300	5,200
Quality Control	510	468	0.055	0.053	0.054	0.162	500
True Value QC	500	500	0.050	0.050	0.050	0.150	500
% Recovery	102	93.6	110	106	108	108	100
Relative Percent Difference	4.7	0.9	2.9	3.2	2.8	2.0	2.0

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B; CI: Std. Methods 4500-Cl-B

*Analyses performed on 1:4 w:v aqueous extracts. Reported on wet weight.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Not accredited for GRO/DRO and Chloride.

Lab Director

Date

H19120 TBCL BBC

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57539324755053970397
CARDINAL LABSBBC INTERNATIONAL
PAGE 05/07

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ANALYTICAL RESULTS FOR
BBC INTERNATIONAL, INC.
ATTN: CLIFF BRUNSON
P.O. BOX 805
HOBBS, NM 88241
FAX TO: (575) 397-0397

Receiving Date: 02/12/10
Reporting Date: 02/15/10
Project Owner: OXY
Project Name: SMU #30
Project Location: NOT GIVEN

Analysis Date: 02/13/10
Sampling Date: 02/01/10
Sample Type: SOIL
Sample Condition: COOL & INTACT @ -5°C
Sample Received By: JH
Analyzed By: HM

LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/kg)
H19259-1	SP4 @ 3'	1,170
H19259-2	SP4 @ 8'	672
H19259-3	SP4 @ 11'	656
H19259-4	SP4 @ 12'	656
H19259-5	SP7 @ 2'	< 18
H19259-6	SP8 @ 2'	448
H19259-7	SP8 @ 4'	912
H19259-8	SP8 @ 6'	2,960
H19259-9	SP8 @ 7'	3,760
H19259-10	SP8 @ 8'	4,480
H19259-11	SP3 @ 3'	1,060
H19259-12	SP3 @ 4'	1,070
H19259-13	SP3 @ 6'	5,600
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent Difference		< 0.1

METHOD: Standard Methods 4500-Cl⁻B

Note: Analyses performed on 1:4 w:v aqueous extracts.

Cliff Brunson
Chemist

Date

02/16/10

H19259 BBC

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Analysis Date: 04/30/10
Sampling Date: 04/20/10
Sample Type: SOIL
Sample Condition: COOL & INTACT @ -1°C
Sample Received By: JH
Analyzed By: HM

METHOD: Standard Methods **4500-CrB**
Note: Analysis performed on a 1:4 w:v aqueous extract.

Date 05/03/10

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ANALYTICAL RESULTS FOR
BBC INTERNATIONAL, INC.
ATTN: CLIFF BRUNSON
P.O. BOX 805
HOBBS, NM 88241
FAX TO: (575) 397-0397

Receiving Date: 05/13/10
Reporting Date: 05/14/10
Project Owner: OXY
Project Name: SMU #30
Project Location: JAL, NM

Analysis Date: 05/14/10
Sampling Date: 05/10/10
Sample Type: SOIL
Sample Condition: INTACT @ 2°C
Sample Received By: HM
Analyzed By: HM

[illegible]

METHOD: Standard Methods	4500-CIB
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Note: Analysis performed on a 1:4 w:v aqueous extract.

Alfred. Heene
Chemist

Date 05/14/10

H19886 BBC

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