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District III

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State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION P.O. BOX 2088

SANTA FE, NEW MEXICO 87504-2088

DISTRICT OFFICE AND I COPY TO SANTA FE OFFICE

APPROPRIATE

SUBMIT I COPY TO

PIT REMEDIATION AND CLOSURE

30~0	145-24173
Operator: BP AMERICA PRODUCTION C AV EVERGY Address: 300 AMOCO COURT, FARMIN	
Facility or Well Name: GCU #2115	
Location: Unit or Qtr/Qtr Sec Sec Sec Pit Type: Separator Dehydrator Other_	32 Tan Rlaw County San Juan
1/KCZ	_, Other
(Attach diagram) Reference: wellhea	
Footage from refere Direction from refer	
Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 points)
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources)	Yes (20 points) No (0 points)0
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 100 feet (20 points) 100 feet to 1000 feet (10 points) Greater than 1000 feet (0 points)
	RANKING SCORE (TOTAL POINTS):0_
revised: 03/27/02	bei1202 wp

Date Remediation S	Started:	Date Comp	oleted: 8	-14-02
emediation Method	I: Excavation X	Approx. cu	bic yards	NA
Check all appropriate sections)	Landfarmed		emediation	
	OtherCLOSE	AS IS.		
Remediation Location i.e. landfarmed onsite, name and location of office facility)	on: Onsite X Offsite			
General Description	of Remedial Action: <u>Exc</u>	vation. Test hole adva	nced. No remed	iation necessary
Groundwater Enco	untered: No X Ye	s Depth	_	
Final Pit Closure Sampling: if multiple samples,	Sample location see Atta	ched Documents		
attach sample results and diagram of sample	Sample depth 8'	(Test hole bo	ttom)	
ocations and depths)	Sample date 8-12		ne <u>1108</u>	
	Sample Results			
	Soil: Benzene	(ppm) <u>0.273</u> W	ater: Benzene	(ppb)
	Total BTEX	(ppm) <u>5.53</u> 0	Toluene	(ppb)
	Field Headspace	(ppm) <u>286</u>	Ethylbenzene	(ppb)
	ТРН	(ppm) <u>1720</u>	Total Xylenes	(ppb)
Groundwater Samp	ole: Yes	No <u>X</u> (If	yes, attach sample	e results)
				
	FY THAT THE INFORMATIO	N ABOVE IS TRUE AND	COMPLETE TO	THE BEST OF M
I HEREBY CERTI KNOWLEDGE AN DATE	FY THAT THE INFORMATION BELIEF	N ABOVE IS TRUE AND		THE BEST OF M
KNOWLEDGE AN	FY THAT THE INFORMATION BELIEF 1-02 P		y C. Blagg	

CLIENT: 31	<u> </u>	BLA P.O. BOX	87, BLO	INEERING OMFIELD, 632-1199	NM 874	13 LO	•]: <u>81037</u>]: <u>10197</u>
FIELD R	EPORT	: PIT CI	LOSURE	VERIF	ICATION	V PAG	E No:	of 1
LOCATION: NAM		U TWP: 29N					STARTED:	3/12/02
		740 W NE/NW				ENVII SPEC	RONMENTAL CIALIST:	ICR
EXCAVATION APP	PROX <u>/</u>							1
DISPOSAL FAC		00-517	E 9,0	REMEDI	ATION ME	THOD:	CLOSE A	15 15 NE
LAND USE: RA	AVEE PENAE	DVC. DIT I D	LEASE: 181	DEVINATE V	15/05	FORMA.	F FROM	N.51 1 115 A.D.
DEPTH TO GROUND		NEAREST W	ATER SOURCE	> 1000	NEAREST SI	JRFACE VA	TER:	100 O
NMOCD RANKING SCI	DREI O	NMOCD TPH	CLOSURE STD	<u>5000</u> pp				
SOIL AND EX	CAVATIO	<u>N</u>			DVM CALII			RF = 0.52
DESCRIPTION					TIME: 1120	<u>> @</u> 0/pr		
SOIL TYPE: SAND	SILTY S	SAND / SILT /	SILTY CLAY	/ CLAY / G	RAVEL / OTH	IER		
COHESION (ALL OT	HERS): NO	N COHESIVE	SLIGHTLY C	DHESIVE / CI	JHESI∨E / H	IGHLY CD	HESIVE	
CONSISTENCY (NON						DI ASTIG		N ACTIC
PLASTICITY (CLAY DENSITY (CDHESIV								
MOISTURE: DRY /	SLIGHTLY	MOIST MOIST	/ WET / S	ATURATED /	SUPER SATUR		(Cro26	
DISCOLORATION/ST	DL (YES)/	NO EXPLANAT	TION - 🚩	ODERATE			- <u></u>	
SAMPLE TYPE: C	RAB COM	POSITE - # OF	PTS.	70 70	·75<	TREAK	~ (+ < 1	MPI E
ADDITIONAL COMME	.N13:	002 010	7101	,	723,	7		
		~, *- · · · · - · · · · · · · · · · · · ·	בזו	ELD 418.1 C/	AL CLUL ATTON	2	·	
SCALE	SAMP. TIM	IE SAMPLE I.D.	T				READING	CALC. ppm
				1 13/				
On FT						VIII TOT		
N PIT I	PERIMI	STER	0	VM	<u> </u>	PIT PI	ROFILE	<u> </u>
	. 🗸	ا صلہ		ULTS				
	- 15 -	SAMP	SAMPLE ID	FIELD HEADSPACE PID (ppm)				
		(8)	1 @ <i>2</i> 3	286	_			
	/		3 e 4 e		-			
1 1			5 e					
15	8	<i>S</i> }				T AP	pli Cabl	Æ
1 1	1	~/\						
		<i>l</i> :						·
		/	LAB S	AMPLES	-			
	'			ALYSIS TIME	1			
7D		th 26)	CAR. War	13TEX 1108	_			
(3'B6)	((8 0-)	ROTH	POSSED	_			
		1	 					İ
P.D. = PIT DEPRESS T.H. = TEST HOLE;								

revised: 02/27/02



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

.			
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	Separator C @ 8'	Date Reported:	08-14-02
Laboratory Number:	23576	Date Sampled:	08-12-02
Chain of Custody No:	10177	Date Received:	08-13-02
Sample Matrix:	Soil	Date Extracted:	08-13-02
Preservative:	Cool	Date Analyzed:	08-14-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	428	0.2
Diesel Range (C10 - C28)	1,290	0.1
Total Petroleum Hydrocarbons	1,720	0.2

ND - Parameter not detected at the stated detection limit.

References:

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996.

Comments:

GCU 211E.

Analyst C. african

Mister m Wasters
Review



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	Separator C @ 8'	Date Reported:	08-14-02
Laboratory Number:	23576	Date Sampled:	08-12-02
Chain of Custody:	10177	Date Received:	08-13-02
Sample Matrix:	Soil	Date Analyzed:	08-14-02
Preservative:	Cool	Date Extracted:	08-13-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	273	1.8	
Toluene	689	1.7	
Ethylbenzene	813	1.5	
p,m-Xylene	2,380	2.2	
o-Xylene	1,370	1.0	
Total BTEX	5,530	·	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
100	Fluorobenzene	97 %
	1,4-difluorobenzene	97 %
	Bromochlorobenzene	97 %

References:

Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA,

December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846,

USEPA, December 1996.

Comments:

GCU 211E.

Analyst P. Ofice

Mistering Waters
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