District I 1625 N French Dr , Hobbs, NM 88240 1301 W Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S St Francis Dr., Santa Fe, NM 87505

#### State of New Mexico Energy Minerals and Natural Resources

Form C-144 June 1 2004

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

For drilling and production facilities, submit to appropriate NMOCD District Office. For downstream facilities, submit to Santa Fe

Pit or Below-Grade	Tank Registr	ation or Closure
Is pit or below-grade tank co	vered by a "genera	al plan"? Yes 🔀 No 🗌

Type of action: Registration of a pit or below-grade tank 🔲 Closure of a pit or below-grade tank 🔀 Telephone: (505)326-9200 e-mail address: Operator BP America Production Company Address 200 Energy Ct, Farmington, NM 87401 API#: 3004520/08 U/L or Qtr/Qtr M Sec 20 T30N RIOW Facility or well name Sage Com #1 Longitude \_ NAD: 1927 🗌 1983 🗍 County: San Juan Surface Owner: Federal State Private Indian Below-grade tank Type Drilling Production X Disposal Volume: \_\_\_\_\_bbl Type of fluid: \_\_\_\_\_ Construction material Workover 

Emergency Double-walled, with leak detection? Yes 

If not, explain why not Lined Unlined X Liner type Synthetic Thickness \_\_\_\_mil Clay \_\_\_ Pit Volume Less than 50 feet (20 points) Depth to ground water (vertical distance from bottom of pit to seasonal 50 feet or more, but less than 100 feet (10 points) 0 high water elevation of ground water.) 100 feet or more ( 0 points) (20 points) Wellhead protection area. (Less than 200 feet from a private domestic 0 ( 0 points) water source, or less than 1000 feet from all other water sources.) Less than 200 feet (20 points) Distance to surface water: (horizontal distance to all wetlands, playas, 200 feet or more, but less than 1000 feet (10 points)  $\bigcirc$ irrigation canals, ditches, and perennial and ephemeral watercourses.) 1000 feet or more ( 0 points) Ranking Score (Total Points)  $\bigcirc$ If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location (check the onsite box if your are burying in place) onsite \( \sqrt{\omega} \) offsite \( \sqrt{\omega} \) If offsite, name of facility . (3) Attach a general description of remedial action taken including remediation start date and end date (4) Groundwater encountered: No 🛮 Yes 🔲 If yes, show depth below ground surface \_\_\_\_\_\_\_ft. and attach sample results (5) Attach soil sample results and a diagram of sample locations and excavations. Additional Comments See Attached Documentation RCUD .IIM13'07 on cons. DIV. UISI. J I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines 🔀, a general permit 🗔, or an (attached) alternative OCD-approved plan 🗔. Date 11/01/2005 Printed Name/Title Jeffrey C. Blagg, Agent Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations Deputy Oil & Gas Inspector, AUG 1 0 2007 Approval District #3 Printed Name/Title

BLAGG ENGINEERING, INC.  P.O. BOX 87, BLOOMFIELD, NM 87413  FIELD REPORT: CLOSURE VERIFICATION PAGE NO	CLIENT: AMOCO	1							
FIELD REPORT: CLOSURE VERIFICATION PAGE NO. 1 of LOCATION: NAME 6466 com VELL # I PIT ABON. Septembly Date strated Dizilo QUAD/UNIT MAN SEC 20 TWP 30J RNG 103 PM. NM CNTY 37 ST. DMT.  QUAD/UNIT MAN SEC 20 TWP 30J RNG 103 PM. NM CNTY 37 ST. DMT.  EXCAVATION APPROX 16 FT. x 15 FT. x 9 FT. DEEP. CUBIC YARDAGE: 50  DISPOSAL FACILITY: MAY CO 3 1E REMEDIATION METHOD. STOCKPHED  LAND USE: RANGE LEASE 94 5305/29 FORMATION:  EXCAVATION APPROX 16 FT. x 15 FT. x 9 FT. DEEP. CUBIC YARDAGE: 50  DISPOSAL FACILITY: MAY CO 3 1E REMEDIATION METHOD. STOCKPHED  LEASE 94 5305/29 FORMATION:  MECO RANGING SCIENCE 0 NADCO THA CLOSURE STD 5909 PPH  MECO RANGING SCIENCE 0 NATIONAL STD 5909 PPH  MECO RANGING SCIENC			BLAGG	ENGINE	ERING, I	INC.	LOCA	N NOITA	<u>-رەچ</u> :
FIELD REPORT: CLOSURE VERIFICATION PAGE NO. 1 of LOCATION: NAME 6AGE com. WELL #: 1 PIT ABOND. SEPTEMBLY DATE SHARED MIZELD DATE PRINSHED DATE		P.0.				M 8741	3	רחר אי	n. <b>7</b> 72
DISPOSAL FACILITY:  NOTE SEASE  EXCAVATION APPROX 16 FT. X 18 FT. X 9 FT. DEEP. CUBIC YARDAGE:  DISPOSAL FACILITY:  NOTE SEASE  LEASE  LEASE  JEASE  LEASE  LEASE  DEPTH TO GROUNDVATER ADD'  NAMES TO REMERKS:  PIT LOCATED APPROXIMATELY ITS  FILLD NOTES & REMARKS:  PIT LOCATED APPROXIMATELY ITS  FILLD NOTES & REMARKS:  DEPTH TO GROUNDVATER ADD'  NAMES TO REST VATER SOURCE  SOIL AND EXCAVATION  DESCRIPTION:  DESCRIPTION:  DESCRIPTION:  THE SAMPLE ID. LAB NO:  WEILH 1:  PIT PROMITE SAMPLE ID. LAB NO:  WEILH 1:  NAME OF REAL PROMITERS ADD  FIELD AT STARTED METHOD  STOCKPIED  DEPTH TO BEEP. CUBIC YARDAGE:  POPMATION:  PROMITED:  STOCKPIED  DEPTH TO GROUNDVATER ADD  NAMES TO REMERS ADD AND AD			(5	05) 632 	-1199	<del></del>		C.D.C 10	
QUAD/UNITAL SEC. 2.0 TWP 70J RNG 1010 PM NOTH CNTY: \$3 \$1 cm  QTR/FODTAGE: 790 \$1,190 \$2	FIELD REPOR	RT:	CLOSU	JRE V	ERIFIC	CATION	PAGE	No	
QUADVINTAM SEC. 20 THP TO J. RNG 10W PM. SM. CNIT 33 STOWN  DISPOSAL FACILITY:  NOTE SEC. 20 THP TO J. RNG 10W PM. SM. CNIT 33 STOWN  EXCAVATION APPROX. 16 FT. x 18 FT. x 9 FT. DEEP. CUBIC YARDAGE: 50  DISPOSAL FACILITY:  NOTE SEC. 20 THP TO J. RNG 10W PM. STOWN METHOD:  STOWN METHOD:  DISPOSAL FACILITY:  NOTE SEC. 20 THP TO J. RNG 10W PM. STOWN METHOD:  DISPOSAL FACILITY:  NOTE SEC. 20 THP TO J. RNG 10W PM. STOWN METHOD:  DESCRIPTION:  NOTE SEC. 20 THP TO J. RNG 10W PM. STOWN METHOD:  NOTE SEC. 20 THP TO J. RNG 10W PM. STOWN METHOD:  NOTE SEC. 20 THE J. RNG 10W PM. STOWN METHOD:  NOTE SEC. 20 THE J. RNG 10W PM. STOWN METHOD:  NOTE SEC. 20 THE J. RNG 10W PM. STOWN METHOD:  NOTE SEC. 20 THE J.	LOCATION: NAME GAGE	com	WELI	 L #: 1	PIT · ASON	. SEPLOEH	DATE	STARTED _	7/21/00
EXCAVATION APPROX. 16 FT. x 18 FT. x 9 FT. DEEP. CUBIC YARDAGE: 50  DISPOSAL FACILITY: NEE GE 8 15 REMEDIATION METHOD: STEWERISED LAND USE: RANGE LEASE. 94-555429 FORMATION: DEATH TO GROUNDVATER NOTES.  LEAD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 123 FT. ANSW. FROM VEILL DEPTH TO GROUNDVATER NOTES. NEAREST VATER SURGE: >1000 NEAREST SURFACE VATER. >1000 CHECK DN.  PIT ABANDONED DIVERSING SCORE: O NOOCO THAN CLOSURE STD. \$500 PPM OF THE STORE THAN INSTALLED DIVERSING SCORE: O NOOCO PRANCING SCORE: O NO	QUAD/UNIT.M SEC. Z	> TWP	301 RNG	10W PM	NM CNTY	ST ST NW	<u> </u>		
DISPOSAL FACILITY: NYE GO BIE REMEDIATION METHOD: STOCK PIECD  LAND USE: RANGE LEASE 94-5500129 FORMATION: DK  FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 123 FT. ANGLO FROM VELL-  DEPTH TO GROUNDWATER MOS NEAREST VATER SOURCE: > 1000 / NEAREST SUPFACE VATER NOSO  MMCCD RANKING SCORE: O NMOCD THY CLOSURE STD 500 PPH  DOWN CALIB. READ 57.00 PPH  DOWN CALIB. READ 57.00 PPH  THE STOCK PITCH SANGURD  DESCRIPTION:  THE STOCK PITCH SANGURD  FIBERCLASS TANK INSTALLED  FIRENDAM  BLOCK PITCH STOCK PITCH SUPPLIED  FIELD 418.1 CALCULATIONS  FIELD 418.1 CALCULATION	QTR/FOOTAGE: 790'5/11	90'W	zwzw con	ITRACTOR:	こしいて				<u>~~</u>
LAND USE: RANGE  LEASE  1 LEASE  1 14-500127  FORMATION: DX  FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 173 FT. MARIO FROM VEIL- DEPTH TO GROUNDWATER: MOD' NEAREST VATER SOURCE: 1000 NEAREST SURFACE VATER 1000  NMOCCO RANKING SCORE: 0 NMOCD TPH CLOSURE STD 5000 PPM  SOIL AND EXCAVATION  DESCRIPTION:  TWO TELL HABOUN MIXED W/ MIZD. GROY STUTY SAND SUBHRY CONESURE MIDIST, FIRM PARAMETER APPOINTES IN THE OFFICE WITHIN EXCANTION / STRUCK PARAMETER PAPAMET SUBMAN.  PAPAMET NOTES: NOT SIDEWAN.  SCALE  O FT  PIT PERIMETER N  OVM  RESULTS  SAMPLE I.D. LAB NO: WEIGHT (g) INL FREON DILUTION READING CALC PROPERTY OF THE	EXCAVATION APPROX. 16	, 2 FT.	x <u>18</u>	FT. x	FT. DE	EP. CUB	IC YAR	DAGE: _	50
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 173 FT. NARD FROM WELL- DEPTH TO GROUNDVATER. 200' NEAREST WATER SDURCE: 71200' NEAREST SUFFACE VATER 71500' NMGCD RANKING SCORE: 0 NMGCD TPH CLOSURE STD. 5000 PPM	DISPOSAL FACILITY:	_ ~YE	GC BIE	<u> </u>	REМЕДІАТІ	ON METH	HOD:	STOCK	PIED
DEPTH TO GROUNDVATER: MOST NEAREST VATER SOURCE: \$1000' NEAREST SURFACE VATER: \$1000' NEAREST SURFACE VATER SURFACE VATE	LAND USE: RANGE		` LEAS	SE. <u>94</u>	-000429	F	ORMATI	ON:	DK
DEPTH TO GROUNDVATER: MOST NEAREST VATER SOURCE: \$1000' NEAREST SURFACE VATER: \$1000' NEAREST SURFACE VATER SURFACE VATE	FIELD NOTES & REMAR	RKS:	PIT LOCATE	D APPROXI	MATELY J		W480	FROM	· WELL⊣
MADCE RANKING SCIPE: O MIGCO TPH CLOSURE STD 500 PPM  SOIL AND EXCAVATION  DESCRIPTION:  TIME 8:00 FPM 7/2, 100 FIBERGLASS TANK INSTALLED  TIME 8:00 FPM 7/2, 100 FIBERGLASS TANK INSTALLED  AND THE BROWN MIXED W/ MED. GROY SILTY SAND SHEARTY CONEST WE MIST. FIRM  BRICKES IN TOOK DETECTED WITHIN EXCANTION IN SANDLE ISSUME  ANTENES IN TOOK DETECTED WITHIN EXCANTION I ALL OWN SOMPLES  SCALE  O FT  PIT PERIMETER N  OVM  RESULTS  SAMPLE I.D. LAB NO WEIGHT (g) ML FREON DILUTION READING CALC P  RESULTS  SAMPLE I.D. LAB NO WEIGHT (g) ML FREON DILUTION READING CALC P  OFT  PIT PERIMETER N  OVM  RESULTS  SAMPLE I.D. LAB NO WEIGHT (g) ML FREON DILUTION READING CALC P  OFT  PIT PERIMETER N  OVM  RESULTS  SAMPLE I.D. LAB NO WEIGHT (g) ML FREON DILUTION READING CALC P  OFT J.							ACE WATE	R·>	1000/
SCALE  OFT  PIT PERIMETER N  OVM  READ SAMPLE I.D. LAB NO: WEIGHT (g) THE FREON DILUTION READING CALC FRED FROM SERVE OF	NMOCD RANKING SCORE:	NMC	OCD TPH CLOSU	JRE STD: 50	PPM PPM				
TRAVEL NOTES:    The content of the	SDIL AND EXCAVATION	]N		OVM CALI	B. READ. 53	1			
CLOSED  FIELD 418.1 CALCULATIONS  TIME SAMPLE I.D. LAB NO: WEIGHT (g) ml. FREON DILUTION READING CALC F  O FT  PIT PERIMETER N  OVM  RESULTS  SAMPLE FELD HEADSPACE  TO 93.3  2 @ 6 Z 19.6  3 @ 6 Q.Q  4 @ 5' 1291  5 @ 1' 1615  TO SEP.  LAB SAMPLES  SAMPLE SAMPLES  SAMPLE SAMPLES  SAMPLE PROPRIED  A  A  A  A  A  A  A  A  A  A  A  A  A	DESCRIPTION:	<del></del>		TIME: 8:0	00 (m)/pm 7	1/21/00 _	FIBER	GLASS TA	NK INSTA
CLOSED  FIELD 418.1 CALCULATIONS  TIME SAMPLE I.D. LAB NO: WEIGHT (g) ml. FREON DILUTION READING CALC F  O FT  PIT PERIMETER N  OVM  RESULTS  SAMPLE FELD HEADSPACE  TO 93.3  2 @ 6 Z 19.6  3 @ 6 Q.Q  4 @ 5' 1291  5 @ 1' 1615  TO SEP.  LAB SAMPLES  SAMPLE SAMPLES  SAMPLE SAMPLES  SAMPLE PROPRIED  A  A  A  A  A  A  A  A  A  A  A  A  A									
SCALE  TIME SAMPLE I.D. LAB NO WEIGHT (g) ml. FREON DILUTION READING CALC FOR THE PROPERTY OF									
SCALE  O FT  PIT PERIMETER N  OVM  RESULTS  SAMPLE PELLO MEROSPACE PID (Spin)  1 @ 5' 93.3 2 @ 6' 0.0 4 @ 5' 1.291 5 @ 1/' 1,615  TO SEP.  LAB SAMPLES  SMAPLE NOTES:  WERD AMAYSIS TIME  (D' 17 PH (3016) 092.)  " BOTH ASSED	CLOSE								
O FT  PIT PERIMETER N  OVM  RESULTS  SAMPLE PIED HEADSPACE PID (SPIN)  1 @ 5' 93.3 2 @ 6' 2.9.6 3 @ 6' 0.0 4 @ 5' 1.291 5 @ 11' 1615  LAB SAMPLES	CLOSE				1				
PIT PERIMETER N  OVM  RESULTS  SAMPLE PIEU HEADSPACE PID (ppm)  16  16  18  16  18  TO SEP.  LAB SAMPLES  SAMPLE NAME/SIS TIME  SOCIAL TAM (3P IS) 0220  " STEX/(3021)"  ROTH MSSED			SAMPLE I.D		1		DILUTION	READING	CALC p
OVM  RESULTS  SAMPLE  PIELD HEADSPACE  16  3 @ 6' 0.0  4 @ 5' 1.291  5 @ 11' 1615   LAB SAMPLES  SAMPLES  SAMPLE  SAMPLE  SAMPLES  SAMPLES  SAMPLES  SAMPLE  SAMPLES			SAMPLE I.D		1		DILUTION	READING	CALC p
RESULTS  SAMPLE FIELD HEADSPACE PID (160m)  1 @ 5' 97.3 2 @ 6' 0.0 4 @ 5' 1.291 5 @ 11' 1615  SEP.  LAB SAMPLES  SAMPLE ANALYSIS TIME  (5) 211' TPH (3016) 0920 " GTSY (3021) "  ROTH ASSED  CRADIE NOTES:	SCALE		SAMPLE I.D		1		DILUTION	READING	CALC p
SAMPLE FELD HEADSPACE PRO (ppm)  1 @ 5 / 93.3 2 @ 6 / 0.0 4 @ 5 / 1.291 5 @ 11 / 1615  18 TO SEP.  LAB SAMPLES SAMPLE SAMPLES SAMPLE SAMPLES SAMPLE AVALYSIS TIME  (S) @ 11 / TPH (3015) 092.0  " GTSX (302.1) "  ROTH PASSED  TRAVEL MOTES.	SCALE 0 FT	TIME			1	mL. FREON			
16 5 7 93.3 2 0 6 219.6 3 0 6 0.0 4 0 5 1291 5 0 11 1615  TO SEP.  LAB SAMPLES SAMPLE AMILYSIS TIME 10 AMILYSIS TIME 10 BTSX(3021) "  BTSX(3021) "  BTSX(3021) "  TRAVEL NOTES:	SCALE 0 FT	TIME		OVM	WEIGHT (g)	mL. FREON			
TO SEP.  LAB SAMPLES  SEP.  LAB SAMPLES  SAMPLE ANALYSIS TIME  (D ANALYSIS TIME  (D) FREX/(3021) "  FROTH DASSED  TRAVEL NOTES:	SCALE 0 FT	TIME	SAN SAN	OVM RESULT	WEIGHT (g)	ml. FREON			2
TO SEP.  LAB SAMPLES  SAMPLE ANALYSIS TIME  (S) E 11" T PM (30 15) 0920  " BTEX (3021) "  SARPLE ANALYSIS TIME  (S) E 11" T PM (30 15) 0920  " BTEX (3021) "  ROTH DASSED	SCALE  O FT  PIT PERIM	TIME	SAM # 1 @	OVM RESULT	WEIGHT (g)	ml. FREON	ΓPR	OFILE	2
TO SEP.  RAN  BERN  BERN  BERN  BERN  BERN  BERN  BERN  BOTH LASSED  TRAVEL MOTES:	SCALE  O FT  PIT PERIM	TIME	SAM # 1 @	OVM RESULT	WEIGHT (g)  HEADSPACE (ppm)  3.3  19.6	ml. FREON	ΓPR	OFILE	2
TO SEP.  LAB SAMPLES  SAMPLE SAMPLES  SAMPLE ANALYSIS TIME  (De 11" TPH (3015) 0920  " BTEX/3021) "  TRAVEL NOTES:  TRAVEL NOTES:	SCALE  O FT  PIT PERIM	TIME	SAM	OVM RESULT  PLE  5' 6'  5' 1,2	WEIGHT (g)  S  SEADSPACE (ppm)  3.3  9.6	ml. FREON	ΓPR	OFILE	2
LAB SAMPLES  SAMPLE ANALYSIS TIME  (S) = 11" TPH (30 15) GOZD  " BTTSH (30 21) "  TRAVEL MOTES:  TRAVEL MOTES:	SCALE  O FT  PIT PERIM	TIME	SAM	OVM RESULT  PLE  5' 6'  5' 1,2	WEIGHT (g)  S  HEADSPACE (ppm)  3.3  9.6  19.6  19.6	PIT A	ΓPR	OFILE	2
LAB SAMPLES  SAMPLE S  SAMPLE ANALYSIS TIME  (S) = 11" TPH (30 15) 0923  " BTEX/3021) "  TRAVEL NOTES:  TRAVEL NOTES:	SCALE  O FT  PIT PERIM	TIME ETER	SAM 1 2 2 2 3 2 4 2 5 2	OVM RESULT  PLE  5' 6'  5' 1,2	WEIGHT (g)  S  HEADSPACE (ppm)  3.3  9.6  19.6  19.6	PIT A	ΓPR	OFILE	2
SAMPLE MALLYSIS TIME  SCHOOL TON (30%) 0920  "BTEX/3021) "  TRAVEL MOTES:	SCALE  O FT  PIT PERIM	TIME ETER	SAM 1	OVM RESULT  PLE  5' 6'  5' 1,2	WEIGHT (g)  S  HEADSPACE (ppm)  3.3  9.6  19.6  19.6	PIT A	ΓPR	OFILE	2
TRAVEL MOTES:  DE 111 TAM (3016) 0920  "BREX (3021) "  BOTH DASSED  TRAVEL MOTES:	SCALE  O FT  PIT PERIM	TIME ETER	SAM 1	OVM RESULT PLE FIELD 5 / 5 6 / 2. 6 / 6 5 / 1,2 // 1,6	WEIGHT (g)  SELEADSPACE (ppm)  3.3  9.6  7.0  91	PIT A	ΓPR	OFILE	2
TRAVEL MOTES:	SCALE  O FT  PIT PERIM	TIME ETER	SAMPI 1 @ 2 @ 3 @ 4 @ 5 @ 5 @ 5 EP.	OVM RESULT PLE FIELD S' S S' S S' I,2 I'' I,6	WEIGHT (g)  S HEADSPACE (ppm)  3.3 19.6 2.0 291 515	PIT A	ΓPR	OFILE	2
TRAVEL NOTES:	SCALE  O FT  PIT PERIM  16	TIME ETER	SAMPI 1 @ 2 @ 3 @ 4 @ 5 @ 5 @ 5 & P . SEP .	OVM RESULT PLE FIELD S' S G' Z G' Z G' Z G' Z G' A S' I,Z I'' I,G LAB SAMPL ANALYSIS	WEIGHT (g)  S  SEADSPACE (ppm)  3.3  9.6  7.0  91  615	PIT A	ΓPR	OFILE	2
TRAVEL NOTES:	SCALE  O FT  PIT PERIM	TIME ETER	SAMPLE 10 SEP.	OVM RESULT PLE FIELD S' S G' Z G' Z G' Z G' Z G' A S' I,Z I'' I,G LAB SAMPL ANALYSIS	WEIGHT (g)  S  SEADSPACE (ppm)  3.3  9.6  7.0  91  615	PIT A	ΓPR	OFILE	2
TRAVEL NOTES: CALLOUT 7/20/00 - AFTER. ONSITE 7/21/00 - MON.	SCALE  O FT  PIT PERIM  16  TO AFTER  RAN  (3)	TIME	SAMPI 1 @ 2 @ 3 @ 4 @ 5 @ 5 @ 5 @ 5 @ 7 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	OVM RESULT  FELD PIL  5' 7' 6' 7' 1' 1' 1' LAB SAMPL ANALYSIS 11' 1PH(\$0 BTCX(\$0)	WEIGHT (g)  S  HEADSPACE (ppm)  3.3  9.6  1.0  1.0  1.1  ES  TIME  15) 0923  2(1) "	PIT A	ΓPR	OFILE	1
	SCALE  O FT  PIT PERIM  TO STER  RAN  (3)	TIME	SAMPI 1 @ 2 @ 3 @ 4 @ 5 @ 5 @ 5 @ 5 @ 7 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	OVM RESULT  FELD PIL  5' 7' 6' 7' 1' 1' 1' LAB SAMPL ANALYSIS 11' 1PH(\$0 BTCX(\$0)	WEIGHT (g)  S  HEADSPACE (ppm)  3.3  9.6  1.0  1.0  1.1  ES  TIME  15) 0923  2(1) "	PIT A	ΓPR	OFILE	1



## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg / BP Amoco	Project #:	403410
Sample ID:	5 @ 11'	Date Reported:	07-24-00
Laboratory Number:	H810	Date Sampled:	07-21-00
Chain of Custody No:	7323	Date Received:	07-21-00
Sample Matrix:	Soil 、	Date Extracted:	07-24-00
Preservative:	Cool	Date Analyzed:	07-24-00
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.7	0.2
Diesel Range (C10 - C28)	0.5	0.1
Total Petroleum Hydrocarbons	1.2	0.1

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:

Gage Com #1 Abandoned Separator / Dehydrator Pit.

Dew P. afewer

Phristini My Walters



Client:	Blagg / BP Amoco	Project #:	403410
Sample ID:	5 @ 11'	Date Reported:	07-24-00
Laboratory Number:	H810	Date Sampled:	07-21-00
Chain of Custody:	7323	Date Received:	07-21-00
Sample Matrix:	Soil	Date Analyzed:	07-24-00
Preservative:	Cool	Date Extracted:	07-24-00
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	60.5	1.7
Ethylbenzene	35.5	1.5
p,m-Xylène	200	2.2
o-Xylene	153	1.0
Total BTEX	449	

ND - Parameter not detected at the stated detection limit.

urrogate Recoveries:	Parameter	Percent Recovery	
	Trifluorotoluene	100 %	
	Bromofluorobenzene	100 %	
	Bromofluorobenzene	100	

References: Metho

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:

Gage Com #1 Abandoned Separator / Dehydrator Pit.

Analyst P. Oylen

Review Walters

CLIENT BP		ÎNEERING, INC. DÓMFIELD, NM 8741		ION NO. 30771
	'	632-1199	c	.o.c no. /4683
FIELD REPORT: LA	NDFARM/COMPOST F	ILE CLOSURE VE	RIFICATION	
LOCATION: NAME: GREE			DATE STA	
QUAD/UNIT: PPC SEC: 2  QTR/FOOTAGE:	CO TWP 30 N RNG: 10W SW/SW CONTI		ENVIRON SPECIALIS	
SOIL REMEDIATION:	300 1300 CONTI	WOTOK.	OT LOTALITY	80
REMEDIATION SYSTEM	M: LANDFARM	APPROX. CUI	IC YARDAGE:	
_	ange - Brm	LIFT DEPTH (		NIA
FIELD NOTES & REMAR	KS: DEPTH TO GROUNDWATER.	>/05' NEAREST SI	RFACE WATER. >	1,000'
	NMOCD RANKING SC			5,000 PPM
SOIL TYPE. SAND/ SILTY SAN	D/SILT/SILTY CLAY/CLAY/GI	RAVEL / OTHER		
001C 002011.	N COHESIVE) SLIGHTLY COHE	SIVE / COHESIVE / HIGHLY	COHESIVE	
CONSISTENCY (NON COHESIV	E SOILS): (OOSE) FIRM DENS	E / VERY DENSE		
PLASTICITY (CLAYS): NON PLA			/ HIGHLY PLASTIC	;
,	<del>(SILTS)</del>   SOFT / FIRM / STIFF / VI IOIST /MOISD / WET / SATURATI			(CLOSED)
	SERVED: YES / NO EXPLANAT			
HC ODOR DETECTED: YES KN	_			
SAMPLING DEPTHS (LANDFAR				
SAMPLE TYPE GRAB (COMP				
ADDITIONAL COMMENTS	O ACTUAL LANDFARM	OBSERVED ON -5	ITE COLLEC	TED 5 PT.
	Composite	· · · · · · · · · · · · · · · · · · ·		
SKETCH/SAMPLE I	LOCATIONS NA	OVM ÉALIB. READ. =	C nom (	<del></del> /
		OVM CALIB GAS =	ppm	RF = 0 52
1 u	PPE	7IME and	pm DATE:	
ŕ	MITE	OVM RESULTS	LAB S	SAMPLES
:	COMPOSITE SAMPUE SAMPUE	SAMPLE FIELD HEADSPACE (ppm)	SAMPLE ANALYSIS	TIME RESULTS
~ 40	, I AREA	4-1 N/A	LF-1 TPH	1200 ND
			" BENZENT	
			BTEX	" NO
~20' B 3.	3 DK SAMPLE		ال حلاده ک	. " 40.0
320 0 9	3 1 SAMPLE PT. OESIGNATION			
1			z 7/21/0	
174, NIOE		SCALE	-, -, -, -, -, -, -, -, -, -, -, -, -, -	
From well Head	Torus			
116.00	HEND	0 FT		
TRAVEL NOTES: CALLOUT	NA	ONSITE: 12 26/01	12/22/06	



# **EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons**

CliA	Diame / DD	D	0.400.4.040
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	LF - 1	Date Reported:	01-02-07
Laboratory Number:	39617	Date Sampled:	12-28-06
Chain of Custody No:	14683	Date Received:	12-28-06
Sample Matrix:	Soil	Date Extracted:	12-29-06
Preservative:	Cool	Date Analyzed:	01-02-07
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	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:

Gage Com #1

Landfarm 5 Pt. Composite Sample



Client:	Blagg / BP	Project #:	94034-010
Sample ID:	LF - 1	Date Reported:	01-02-07
Laboratory Number:	39617	Date Sampled:	12-28-06
Chain of Custody:	14683	Date Received:	12-28-06
Sample Matrix:	Soil	Date Analyzed:	01-02-07
Preservative:	Cool	Date Extracted:	12-29-06
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	ND	1.8	
Toluene	ND	1.7	
Ethylbenzene	ND	1.5	
p,m-Xylene	ND	2.2	
o-Xylene	ND	1.0	
Total BTEX	ND		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
1	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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:

Gage Com #1

Landfarm 5 Pt. Composite Sample



#### Chloride

Client: Blagg / BP
Sample ID: LF - 1
Lab ID#: 39617
Sample Matrix: Soil
Preservative: Cool

Date Reported:
Date Sampled:
Date Received:
Date Analyzed:

Project #:

01-02-07 12-28-06 12-28-06 12-29-06

94034-010

Condition:

Cool and Intact

Chain of Custody:

14683

**Parameter** 

Concentration (mg/Kg)

**Total Chloride** 

40.0

Reference:

Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments:

Gage Com #1

Landfarm

5 Pt. Composite Sample

(hroten m Wall Analyst

Review

District I
PO Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
) Rio Brazos Rd, Aztec, NM 87410

# State of New Mexico Energy, Minerals and Natural Resources Department

SUBMIT 1 COPY TO APPROPRIATE DISTRICT OFFICE AND 1 COPY TO SANTA FE OFFICE

#### OIL CONSERVATION DIVISION

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

## PIT REMEDIATION AND CLOSURE REPORT

Operator:	Amoco Production Company	<b>Telephone:</b> (505) - 326-9200
	200 Amoco Court, Farmington	
Facility Or:	GAGE com #1	
	M	20 -20\ -10\\
		c 20 T30N RIOW County 5AN JUAN
Pit Type: Sepa	rator Dehydrator O	ther ABANDONED BLOW
Land Type: `BL	M √ , State, Fee	, Other
		1
Pit Location: (Attach diagram)	Pit dimensions: length	12, width 12, depth 9
ii	Reference: wellhead $X$	, other
	Footage from reference:	96′
٠-	Direction from referenc	e: 66 Degrees East North
		of of
		v west soden _v_
Depth To Groun		Less than 50 feet (20 points) 50 feet to 99 feet (10 points)
contaminants to	seasonal	Greater than 100 feet (0 Points)
high water elevat ground water)	ion of	
Wellhead Prote		Yes (20 points)
)I '	eet from a private ource, or; less than	No (0 points)
il	ll other water sources)	
Distance To Su	<pre>irface Water: ance to perennial</pre>	Less than 200 feet (20 points) 200 feet to 1000 feet (10 points)
_akes, ponds, riv	vers, streams, creeks,	Greater than 1000 feet (0 points)
irrigation canals	s and ditches)	_
		RANKING SCORE (TOTAL POINTS):

Date Remediation St	arted:	Date * Completed:_	7/24/00
Remediation Method:		Approx. cubic yards	30
(Check all appropriate sections)	Landfarmed	Insitu Bioremediation	<del></del>
	Other STOCKPILED		
Remediation Locatio (ie. landfarmed onsite, name and location of offsite facility)	n: OnsiteOff	site √ NYE GC 8 #1Ë	(F-7-29-9)
General Description	Of Remedial Action		
Excavation	on. BEDROCK BOTTOM.	RISK ASSESSED.	
	· · · · · · · · · · · · · · · · · · ·		
Ground Water Encoun	tered: No V	Yes Depth	
Final Pit: Closure Sampling: (if multiple samples,	Sample location	see Attached Documents	
attach sample results and diagram of sample	Sample depth 6	(SOUTH SIDEWALL)	
locations and depths)	Sample date7/	$z_1/o \overline{z}$ Sample time	1000
	Sample Results		
	Benzene(ppm)	NO	
	Total BTEX(pp	m) 0.125	
	Field headspa	ce(ppm) 107.9 /388	n
	TPH ND		
	<del>• • • • • • • • • • • • • • • • • • • </del>	<del></del>	
Ground Water Sample	: Yes No	(If yes, attach sample	results)
I HEREBY CERTIFY TH		ABOVE IS TRUE AND COMPLET	TE TO THE BEST
DATE 7/24/00	/	RIINC	1.
SIGNATURE BASI	PRINTED AND TITE		POORdinator

District I
PO Box 1980, Hobbs, NM
District II
PO. Drawer DD, Artesia, NM 88211
District III

) Rio Brazos Rd, Aztec, NM 87410

# State of New Mexico Energy, Minerals and Natural Resources Department

SUBMIT 1 COPY TO APPROPRIATE DISTRICT OFFICE AND 1 COPY TO SANTA FE OFFICE

#### OIL CONSERVATION DIVISION

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

## PIT REMEDIATION AND CLOSURE REPORT

Operator:	Amoco Production Company	Telephone: (505) - 326-9200
Address:	200 Amoco Court, Farmington	n, New Mexico 87401
Facility Or:		
Location: Unit	or Qtr/Qtr Sec	ec 70 BON R 100 County SAN JUAN
		Other
Land Type: `BL	M_√, State, Fee	_, Other
Pit Location: (Attach diagram)	Reference: wellhead $\times$	n
Depth To Groun (Vertical distance contaminants to s high water elevat ground water)	ce from seasonal	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 Points)
domestic water so	ection Area: eet from a private burce, or; less than il other water sources)	Yes (20 points) P
•	ance to perennial vers, streams, creeks,	Less than 200 feet (20 points) 200 feet to 1000 feet (10 points) Greater than 1000 feet (0 points)
		RANKING SCORE (TOTAL POINTS):

		Date * Completed:	
Remediation Method:	Excavation $\sqrt{}$	Approx. cubic yards	50
(Check all appropriate sections)	Landfarmed	Insitu Bioremediation	
	Other 5700xPILED		
Remediation Locatio (ie. landfarmed onsite, name and location of offsite facility)	n: OnsiteOff	site / NYE GC 8 #1E	: (F-7-29
General Description	Of Remedial Action	1:	
Excavati	on ø		
			·····
Ground Water Encoun	tered: No	Yes Depth	
Final Pit: Closure Sampling:		Yes Depthsee Attached Documents	
Final Pit: Closure Sampling: (if multiple samples,	Sample location	see Attached Documents	
Final Pit: Closure Sampling: (if multiple samples,	Sample location		
Final Pit: Closure Sampling: (if multiple samples,	Sample location	see Attached Documents	
Final Pit: Closure Sampling: (if multiple samples,	Sample location Sample depth Sample date7/z	see Attached Documents  II' (PIT BOTTOM)  IOO Sample time	
Final Pit: Closure Sampling: (if multiple samples,	Sample location  Sample depth  Sample date7/z  Sample Results	see Attached Documents  II' (PIT BOTTOM)  IOO Sample time	
Final Pit: Closure Sampling: (if multiple samples,	Sample location  Sample depth  Sample date	see Attached Documents  II' (PIT BOTTOM)  IOO Sample time	
Final Pit: Closure Sampling: (if multiple samples,	Sample location  Sample depth  Sample date	see Attached Documents  II' (PIT BOTTOM)  Iloo Sample time  NO  Om) _0.499  ace(ppm) _1,615	
Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths)	Sample location  Sample depth  Sample date 7/2  Sample Results  Benzene(ppm)  Total BTEX(pp  Field headspa  TPH /.Z ppm	see Attached Documents  II' (PIT BOTTOM)  Iloo Sample time  NO  Om) _0.499  ace(ppm) _1,615	0920
Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths)  Ground Water Sample	Sample location  Sample depth  Sample date 7/2  Sample Results  Benzene(ppm)  Total BTEX(pp  Field headspa  TPH /.Z ppm  : Yes No  AT THE INFORMATION	see Attached Documents  // (PIT BOTTOM)  //OO Sample time  NO  Om)	ogzo results)

# CHAIN OF CULTODY RECORD

Client / Project Name			Project Location										A				
BLAGG / BP	Anoca	5	SAGE CO	om 7	<b>7</b> /					Аг	VALYSIS	) / PAR/	AMETER	15			
Sampler:			Client No.		-		হ	20.1	~~X					Re	marks	3	
NTV			403	410			o. of taine	TPH. (8015)	(2021)					BOTH SAM	na E.	 5	
Sample No./ Identification	Sample Date	Sample Time	Lab Number		Sample Matrix		C C	(8010)						PRESERV			
(3) @ 11'	7/21/00	0920	4810	2	5012		1	1	/					DEHYDRATE	5D 3	EPRAC	
3 e6'	7/21/00	1000	14811	5	014		1	1	<b>✓</b>					ABANDON	9 6	الماحدا	7
							,481.0									-	
					<u> </u>									5-2 ·			
															- <b>·</b>		
					m												
														<del></del>			
Relinquished by: (Signatur	re)		<u> </u>	Date	Time	Receiv	ed by: (	Signatu				l		D	ate	Tir	ne
Thehon V	W			7/21/00	1322	i	Ser			. Q	Lee	سـ		7.2	21.00	13	اٰک
Relinquished by: (Signatu	re)∇¯					Receive	ed by: (	(Signatu	re)	,							
Relinquished by: (Signatu	re)					Receive	ed by: (	(Signatu	re)								
				ΕΩV	IRO	TEC	<u>'L</u>	100	<u>~</u>					Sample Re	eceipt	1	
					IKU		<u> </u>		<b>≟</b>			Ì		· · · · · · · · · · · · · · · · · · ·	Υ	N	N/A
					5796 U.S								Rece	ived Intact	<u>سا</u>	-	
				Farm	ington, N			87401				+				$\dashv$	$\dashv$
					(၁0၁)	632-06	010						C00I -	Ice/Blue Ice			



## EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

### **Quality Assurance Report**

Review Walters

Client:	QA/QC		Project #:		N/A
Sample ID:	07-24-TPH QA/	QC	Date Reported:		07-24-00
Laboratory Number:	H806		Date Sampled:		N/A
Sample Matrix:	Methylene Chlorid	de	Date Received:		N/A
Preservative:	N/A		Date Analyzed:		07-24-00
Condition:	N/A		Analysis Request	ed:	TPH
the the special december 1 southern is a second of a second to the secon	• The second sec	in a distriction of the second	The support to the first state of the support of th	or company of the second	TENNESS OF THE STATE OF THE SECOND
	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-15-00	2.7731E-002	2.7704E-002	0.10%	0 - 15%
Diesel Range C10 - C28	05-15-00	1.4027E-002	1.3999E-002	0.20%	0 - 15%
and the second s	t on the terminal of a	statically to act of the	and the second second the earth of the	الله الله الماريون الاراكان الله الله الله الله الله الله الله ال	. 4
		- स्व प्राप्ता राज्य राज्य स	Ser Adam Religion	. ಜ್ಯಾಪ್ರಾಟ್ . ಜಿಲ್ಲಾಸ್	<u>it</u>
• -		ND		0.2	
Diesel Range C10 - C28		ND		0.1	
Total Petroleum Hydrocarbons		ND		0.2	
ÉDITALICATA CANAZIANA (KAYAYA	ara a a a a a a a a a a a a a a a a a a	```Duòličatà		်စိုင်တွင် Panas	***
	40 1 S. S. S. C. Cont. Market Cont.		. 14		<b>Y</b>
<del>-</del>					
Diesei Range C10 - C28	ND	ND	0.0%	0 - 30%	
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
The property of the contract o	0.3	250	250	100%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100%	75 - 125%
Blank Conc. (mg/L - mg/Kg) Gasoline Range C5 - C10 Diesel Range C10 - C28 Total Petroleum Hydrocarbons  Duplicate Conc. (mg/Kg) Gasoline Range C5 - C10 Diesel Range C10 - C28  Spike Conc. (mg/Kg) Gasoline Range C5 - C10 Diesel Range C10 - C28	Sample 0.3 ND Sample 0.3	ND Duplicate 0.3 ND Spike Added 250	% Difference 4 0.0% 0.0% Spike Result 250	0.2 Accept: Range 0 - 30% 0 - 30% % Recovery 100%	Accept. Range 75 - 125%

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:

QA/QC for samples H806 - H807 and H810 - H811.

flu L. Cepus



46 - 148

46 - 148

Sample ID:	N/A		Project #:	1	N/A
	07-24-BTEX QA/QC	)	Date Reported:	C	7-24-00
_aboratory Number:	H806	4	Date Sampled:	1	N/A
Sample Matrix:	Soil		Date Received:	1	N/A
Preservative:	N/A		Date Analyzed:		7-24-00
Condition:	N/A	•	Analysis:	E	BTEX
Calibration and	I-Cal RF:	C-Cal RF:	%Diff.	Blank	Detect.
Detection Limits (ug/L)		Accept. Rang	je 0 - 15%	Conc	Limit
Benzene	1.2306E-001	1.2335E-001	0.2%	ND	0.2
l'oluene	5.6017E-002	5.6118E-002	0.2%	ND	0.2
Ethylbenzene	8.1536E-002	8.1708E-002	0.2%	ND	0.2
o,m-Xylene	7.7625E-002	7.7820E-002	0.3%	ND	0.2
o-Xylene	6.2483E-002	6.2589E-002	0.2%	ND	0.1
Dunlicate Conc (ug/Kg)	Sample 1000	Duplicate	°∷-%Diff.	Accept Range	Detect. Limit
		, , , , , , , , , , , , , , , , , , , ,	િ. જે %Diff 1 7%		
Benzene <sup>*</sup>	12.1	11.9	1.7%	0 - 30%	1.8
Benzene Foluene	12.1 71.3	11.9 69.5	1.7% 2.5%	0 - 30% 0 - 30%	1.8 1.7
Benzene Toluene Ethylbenzene	12.1 71.3 37.5	11.9 69.5 36.6	1.7% 2.5% 2.4%	0 - 30% 0 - 30% 0 - 30%	1.8 1.7 1.5
Benzene Toluene Ethylbenzene p,m-Xylene	12.1 71.3	11.9 69.5	1.7% 2.5%	0 - 30% 0 - 30%	1.8 1.7
Duplicate Conc. (ug/Kg)  Benzene  Toluene Ethylbenzene p,m-Xylene o-Xylene	12.1 71.3 37.5 99.8 37.1	11.9 69.5 36.6 97.5 36.5	1.7% 2.5% 2.4% 2.3% 1.6%	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	1.8 1.7 1.5 2.2
Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene Spike Conc. (ug/Kg)	12.1 71.3 37.5 99.8 37.1	11.9 69.5 36.6 97.5 36.5	1.7% 2.5% 2.4% 2.3%	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	1.8 1.7 1.5 2.2
Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene	12.1 71.3 37.5 99.8 37.1	11.9 69.5 36.6 97.5 36.5	1.7% 2.5% 2.4% 2.3% 1.6%	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	1.8 1.7 1.5 2.2 1.0

ND - Parameter not detected at the stated detection limit.

References:

p,m-Xylene

o-Xylene

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

100

50.0

200

87.0

100%

100%

Pristing Walters

December 1996.

Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using

Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments:

QA/QC for samples H806 - H807 and H810 - H811.

99.8

37.1

<sup>\* -</sup> Administrative range set to 80 - 120%.

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION  OCCATION NAME GAGE COM WELL #:   PITS: 8600, SEP. / DEHP DATE STARTED 12/26/0 DATE FINISHED
DATE FINISHED
QUAD/UNIT SEC: 20 TWP. 300 RNG: 100 PM: Nm CNTY: 37 ST: Nm  OTR/FOOTAGE: 50/500 CONTRACTOR: FLINT ENVIRONMENTAL SPECIALIST NV
SOIL REMEDIATION.  REMEDIATION SYSTEM: SEE COMMESS BELOW APPROX. CUBIC YARDAGE 80  LAND USE: RANGE - BLM.  LIFT DEPTH (ft).
FIELD NOTES & REMARKS: NMOCD RANKING SCORE NMOCD TPH CLOSURE STD _ 5050 DEV  DEPTH TO GROUNDWATER: NEAREST WATER SOURCE: NEAREST SURFACE WATER > 1000 '
SOIL COLOR  COMESION (ALL OTHERS): NON COMESIVE / SLIGHTLY COMESIVE / COMESIVE / HIGHLY COMESIVE  CONSISTENCY (NON COMESIVE SOILS): LODGE / FIRM / DENSE / VERY DENSE  PLASTICITY (CLAYS) NON PLASTIC / SLIGHTLY PLASTIC / COMESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC  DENSITY (COMESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD  MOISTURE DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED  DISCOLORATION/STAINING OBSERVED: YES / NO
NYE GC BIE F-7-Z9-9 FIELD 418.1 CALCULATIONS
SAMP TIME SAMPLE I.D. LAB No: WEIGHT (g) ML. FREON DILUTION READING CALC ppm
SKETCH/SAMPLE LOCATIONS
DVM CALIB. READppm   DVM CALIB GAS = 100 ppm, RF = 052   TIME:am/pm DATE
OVM RESULTS LAB SAMPLES  SAMPLE FIELD HEADSPACE SAMPLE ANALYSIS TIME RESULTS
ID PID (ppm) ID
NO LANDFARM
082ELUED
P.C. 7/21/01
SCALE  O FT
TRAVEL NOTES: CALLOUT:

# **CHAIN OF CUSTODY RECORD**

Client / Project Name	BP		Project Location  GAGE C	om #1	,			ANA	LYSIS / PAF	AMETERS	}			
Sampler:	/	W F	Client No. 94034-	·		No. of ontainers	TP41 (8015B)	B1EX	and the second		*****	marks		
Sample No./ Identification	Sample Date	Sample Time	Lab Number		mple atrix	No	(80158)	(80UB)	CKO	7 × 6	RESERVEL PT. COM RAB S	1POS AMA	-00 :17E LE	
LF-1	17/23/06	1200	39617	501	<b>L</b>	/	<b>/</b>		<b>/</b>		LANDFAX	em		
Relinquished by: (Signated Relinquished by: (Signated)	n U.M			Date 12/28/06 /	359 1	Nus	(Signature (Signature	nide	etes_			28/04		ime SS
Relinquished by: (Signa	ature)		•		Rece	eived by:	(Signature	9)						
				EOVIF	POTE	CH	INC	<u>).</u>			Sample Re	<u></u>	Γ	
					6 U.S. Hiç ton, New I					Receiv	ved Intact	Y	N	N/A
					(505) 632		7 07 40 1			Cool - lo	ce/Blue Ice			



## EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

#### **Quality Assurance Report**

Client:	QA/QC		Project #:		N/A
Sample ID:	01-02-07 QA/	QC	Date Reported:		01-02-07
Laboratory Number:	39612		Date Sampled:		N/A
Sample Matrix:	Methylene Chlo	ride	Date Received:		N/A
Preservative:	N/A		Date Analyzed:		01-02-07
Condition:	N/A		Analysis Reques	ted:	TPH
	I-Cal Date	I-Cal RF:	C-Cal RF.	% Difference	Accept Range
Gasoline Range C5 - C10	07-11-05	9.9501E+002	9.9601E+002	0ereince 0.10%	0 - 15%
Diesel Range C10 - C28	07-11-05	9.8869E+002	9.9067E+002	0.20%	0 - 15%
Blank Conc (mg/l mg/Ko	nY	Concentration		Detection Lim	iit.
Blank Conc. (mg/L - mg/Kg		Concentration ND		Detection Lin 0.2	ที่นี่ วั
Gasoline Range C5 - C10		-4" N-62-4880 C. (1994) - 5"		, and the same and the same and	îiţ;
7, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	)	ND		0.2	vit;
Gasoline Range C5 - C10 Diesel Range C10 - C28 Total Petroleum Hydrocarbons	den Fallado de protodo e sua significação de 2000	ND ND	% Difference	0.2 0.1 0.2	
Gasoline Range C5 - C10 Diesel Range C10 - C28	Sample ND	ND ND ND ND ND	% Difference 0.0%	0.2 0.1	
Gasoline Range C5 - C10 Diesel Range C10 - C28 Total Petroleum Hydrocarbons Duplicate Conc. (mg/Kg)	Sample	ND ND ND	20. 50 250 250 25 55 50 50 50	0.2 0.1 0.2 Accepti Range	
Gasoline Range C5 - C10 Diesel Range C10 - C28 Total Petroleum Hydrocarbons  Duplicate Conc. (mg/Kg)  Gasoline Range C5 - C10	Sample ND	ND ND ND Duplicate	0.0%	0.2 0.1 0.2 Accept Range 0 - 30%	
Gasoline Range C5 - C10 Diesel Range C10 - C28 Total Petroleum Hydrocarbons  Duplicate Conc. (mg/Kg) Gasoline Range C5 - C10 Diesel Range C10 - C28	Sample ND ND	ND ND ND Duplicate ND ND	0.0% 0.0%	0.2 0.1 0.2 Accept: Range 0 - 30% 0 - 30%	An or A By to the angle of the

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:

**QA/QC for Samples 39612 - 39618** 

Analyst

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865



Client:	N/A	F	Project #:		N/A
Sample ID:	01-02-BTEX QA/Q	C [	Date Reported:		01-02-07
Laboratory Number:	39612	0	Date Sampled:		N/A
Sample Matrix:	Soil		Date Received:		N/A
Preservative:	N/A	C	Date Analyzed:		01-02-07
Condition:	N/A	A	Analysis:		BTEX
Calibration_and Detection Limits (ug/L)	l-Cal RF:	C-Gal RF: Accept: Rang		Blank Conc	Detect. Limit
Benzene	3.3208E+007	3.3275E+007	0.2%	ND	0.2
Toluene	4.4577E+007	4.4667E+007	0.2%	ND	0.2
Ethylbenzene	2.1124E+007	2.1167E+007	0.2%	ND	0.2
p,m-Xylene	9 0067E+007	9.0248E+007	0.2%	ND	0.2
o-Xylene	3.9449E+007	3.9528E+007	0.2%	ND	0.1
Duplicate Conc. (ug/Kg)	The state of the s	Duplicate	ente suprime proprime e sistema di distributione della propri	Accept Range	Detect Limit
Duplicate Conc. (ug/Kg) Benzene Foluene Ethylbenzene o,m-Xylene	Sample ND 4.7 7.4 25.5 11.5	Duplicate ND 4.7 7.4 25.4 11.5	%Diff. 0.0% 0.0% 0.0% 0.4% 0.0%	Accept Range 0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	1.8 1.7 1.5 2.2 1.0
	ND 4.7 7.4 25.5	ND 4.7 7.4 25.4	0.0% 0.0% 0.0% 0.4% 0.0%	0 - 30% 0 - 30% 0 - 30% 0 - 30%	1.8 1.7 1.5 2.2
Duplicate Conc. (ug/Kg)  Benzene Toluene Ethylbenzene p,m-Xylene p-Xylene Spike Conc. (ug/Kg)	ND 4.7 7.4 25.5 11.5 Sample	ND 4.7 7.4 25.4 11.5 Amount Spiked \$5	0.0% 0.0% 0.0% 0.4% 0.0% Spiked Sample	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	1.8 1.7 1.5 2.2 1.0
Duplicate Conc. (ug/Kg)  Benzene Foluene Ethylbenzene o,m-Xylene o-Xylene Spike Conc. (ug/Kg)	ND 4.7 7.4 25.5 11.5	ND 4.7 7.4 25.4 11.5	0.0% 0.0% 0.0% 0.4% 0.0%	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	1.8 1.7 1.5 2.2 1.0
Duplicate Conc. (ug/Kg)  Benzene Foluene Ethylbenzene o,m-Xylene o-Xylene  Bpike Conc. (ug/Kg)	ND 4.7 7.4 25.5 11.5 Sample	ND 4.7 7.4 25.4 11.5 Amount Spiked \$5	0.0% 0.0% 0.0% 0.4% 0.0% Spiked Sample	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	1.8 1.7 1.5 2.2 1.0
Duplicate Conc. (ug/Kg)  Benzene Foluene Ethylbenzene o,m-Xylene o-Xylene Bpike Conc. (ug/Kg)	ND 4.7 7.4 25.5 11.5 Sample ND 4.7	ND 4.7 7.4 25.4 11.5 Amount Spiked 50.0 50.0	0.0% 0.0% 0.0% 0.4% 0.0% Spiked Sample 49.9 54.6	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	1.8 1.7 1.5 2.2 1.0 Accept Range 39 - 150 46 - 148

ND - Parameter not detected at the stated detection limit.

References.

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

December 1996.

Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using

Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments:

**QA/QC for Samples 39612 - 39618** 

Analyst

Review Review