District I 1625 N. French Dr., Hobbs, NM 88240 District II
1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410

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

June 1, 2004

Form C-144

<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505

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 Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes 🛛 No 🗌

Type of action: Registration of a pit	or below-grade tank 🔲 Closure of a pit or below-gr	rade tank 🛛	
Operator: BP AMERICA PROD. CO.	Telephone: (505)-326-9200 e-m	nail address:	
Address: 200 ENERGY COURT, FARMINGTON.			
Facility or well name: ROELOFS #4	API #: 30-045- 23490 U/L or Qtr	Otr B Sec 22 T 29N R 8W	
County: SAN JUAN Latitude 36.71550 Longitude 16		Owner Federal State Private Indian	
County	11.10.10.10.10.10.10.10.10.10.10.10.10.1		
Pit	Below-grade tank	· · · · · · · · · · · · · · · · · · ·	
Type: Drilling ☐ Production ☐ Disposal ☒ BLOW	Volume: bbl Type of fluid:		
Workover Emergency STEEL TANK	Construction material:	<b>T</b>	
Lined 🖾 Unlined 🗀 STEEL TANK	Double-walled, with leak ditection? Yes I If	at, explain why not.	
Liner type: Synthetic Thicknessmil Clay _			
Pit Volumebbl			
Depth to ground water (vertical distance from bottom of pit to seasonal	Less than 50 feet	(20 points)	
	50 feet or more, but less than 100 feet	(10 points) $0$	
high water elevation of ground water.)	100 feet or more	( 0 points)	
	Yes	(20 points)	
Wellhead protection area: (Less than 200 feet from a private domestic		(20 points)	
water source, or less than 1000 feet from all other water sources.)	No	( 0 points)	
	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 mainta)	
irrigation canals, ditches, and perennial and ephemeral watercourses.)	1000 feet or more	( 0 points)	
	Toda foot of more		
	Ranking Score (Total Points)	0	
If this is a pit closure: (1) attach a diagram of the facility showing the pit's	s relationship to other equipment and tanks. (2) India	cate disposal location: (check the onsite box if	
your are burying in place) onsite \( \square\) offsite \( \square\) If offsite, name of facility_			
remediation start date and end date. (4) Groundwater encountered: No 🗵			
		11. and attach sample results. (5)	
Attach soil sample results and a diagram of sample locations and excavation		(10 C) (1 C) 20 D	
Additional Comments: PIT LOCATED APPROXIMATEL	<u>y 114 ft. N82E from w</u>	ELL HEAD	
PIT EXCAVATION: WIDTH N/Aft., LENGTH	N/Aft., DEPTH N/Aft	The same of the sa	
PIT REMEDIATION: CLOSE AS IS: ☑, LANDFARM: ☐, C	COMPOST: □, STOCKPILE: □, OTHER □ (e	explain) S REB 2006 P	
Cubic yards: N/A		E ON COURT WI	
Cubic full (13)			
BEDROCK BOTTOM		We May Sy Sy	
		\$ 32.	
I hereby certify that the information above is true and complete to the best has been/will be constructed or closed according to NMOCD guideline	t of my knowledge and belief. I further certify that es 🔼, a general nermit 🗀, or an alternative OCD	the above-described pit or below-grade tank	
	<b>_</b> , <b>,</b>	The state of the s	
Date: 07/27/05			
PrintedName/Title Jeff Blagg - P.E. # 11607 Signature			
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.			
Approval: GEFUTY CIL & GAS INSPECTOR, DIST. &	, 011		
Printed Name/Title Date: FEB 2 8 2006			
	ionatura // 1 at / L at /		
rimed ivalile life S	ignature Doffe Double	Date: FCB 2 8 2006	



Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 6'	Date Reported:	07-27-05
Laboratory Number:	33820	Date Sampled:	07-21-05
Chain of Custody No:	13929	Date Received:	07-22-05
Sample Matrix:	Soil	Date Extracted:	07-26-05
Preservative:	Cool	Date Analyzed:	07-27-05
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:

Roelofs 4 Blow Pit.

Aller C. Oyl

Mustine M Waller
Review

# District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410

# State of New Mexico Energy Minerals and Natural Resources

Form C-144
June 1, 2004
illing and production facilities, submit to

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 office

1220 S. St. Francis Dr., Santa Fe, NM 87505

Pit or Below-Grade Tank Registration or Closure

Type of action: Registration of a pit of	or below-grade tank \( \sum \) Closure of a pit or below-grade.	ade tank 🛛		
DR AMERICA DROD, CO	(505) 226 0200			
Operator: BP AMERICA PROD. CO. Telephone: (505)-326-9200 e-mail address:				
Address: 200 ENERGY COURT. FARMINGTON.	API #: 30-045- 23490 U/L or Otr/	70. P g 22 m 20N n 8W		
Facility or well name: ROELOFS #4  County: SAN JUAN Latitude 36.71550 Longitude 10		·		
County: SAN JUAN Latitude 36.71550 Longitude 10	NAD: 1927   1983   Surface C	Owner Federal 🛛 State 🗌 Private 🔲 Indian 🗍		
The	Below-grade tank			
Pit  Type: Drilling □ Production □ Disposal ☒ DEHYDRATOR	Volume: bbl-Type of fluid:			
Workover Emergency	Construction materia:			
Lined Unlined 🖾	Double-walled, with leak ditection? Yes I If	t evaluin why not		
Liner type: Synthetic Thickness mil Clay	Double-waned, with four effection. Too 11 11	b Capain why not.		
Pit Volumebbl				
TR VOILINGOUT	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)		
high water elevation of ground water.)	100 feet or more	(0 points)		
	Too leet of more	( o points)		
Wellhead protection area: (Less than 200 feet from a private domestic	Yes	(20 points)		
water source, or less than 1000 feet from all other water sources.)	No	( 0 points)		
	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)		
irrigation canals, ditches, and perennial and ephemeral watercourses.)	1000 feet or more	( 0 points)		
	Ranking Score (Total Points)	0		
<u> </u>				
If this is a pit closure: (1) attach a diagram of the facility showing the pit's		-		
your are burying in place) onsite \( \sqrt{\overline} \) offsite \( \sqrt{\overline} \) 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 I If yes, show depth below ground surface	ft. and attach sample results. (5)		
Attach soil sample results and a diagram of sample locations and excavation				
Additional Comments: PIT LOCATED APPROXIMATEL	<u>y 96 ft. N74W from wi</u>	ELL HEAD.		
PIT EXCAVATION: WIDTH N/Aft., LENGTH	N/Aft., DEPTH N/Aft			
PIT REMEDIATION: CLOSE AS IS: ⊠, LANDFARM: □, C	OMPOST: ☐, STOCKPILE: ☐, OTHER ☐ (ex	xplain) FED		
Cubic yards: N/A		100 M 5008 13		
BEDROCK BOTTOM		=		
DEDROCK DOTTOM		TE DIST. DIV. CA		
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 guideline	es ⊠, a general permit □, or an alternative OCD	approved plan 2.		
Data: 07/27/05		441100		
Date:				
PrintedName/Title Jeff Blagg - P.E. # 11607	July co	Slage		
	Signature			
Your certification and NMOCD approval of this application/closure does not otherwise endanger public health or the environment. Nor does it relieve to	not relieve the operator of liability should the content the operator of its responsibility for compliance with	s of the pit or tank contaminate ground water or any other federal, state, or local laws and/or		
regulations.	, i j = ==			
Approval: 62PUTY ON & GAS INSPECTOR, DIST. 32		Pro 0 o 200c		
Printed Name/TitleSi	gnature By Dall	Date: FEB 2 8 2006		
t and the second	<del>-</del>			

30-045-234	90	* * .	36.7	11550 *	107-659	PY			and any and an experience and provide	
_		В	LAG	G EN	GINEER	ING,	INC.	LO	CATION NO:	81282
CLIENT: BP		P.O. B		•		-	NM 874	13		13929
			(	505) 6	32-1199			-   00	CR NO:	
FIELD REP	ORT:	PIT	CL	OSUR	E VER	IFI	CATIO	i		
LOCATION: NAME:				WELL #:		TYPE:		DAT	E STARTED:	7-21-05
QUAD/UNIT: B SEC									RONMENTAL	
QTR/FOOTAGE: 9								SPE	CIALIST:	FU3_
EXCAVATION AF	PROX.			<u> </u>	T. x <u>NA</u>	_ FT.	DEEP. CU			<u> </u>
DISPOSAL FACILITY							TION METH		CLUSE	
LAND USE: RANG										<u>)k</u>
FIELD NOTES & F							2 FT			
DEPTH TO GROUNDWATE		_					_ NEARESTS	URFACE WA	TER:	
NMOCD RANKING SCORE	: <u> </u>	_ NMOC	D TPH (	CLOSURE ST	TD: <u>5000</u>	PP	OVM CALIB.	DEAD - S	7.7 nnm	·
SOIL AND EXCA	10ITAV	DESC	RIPT	ION:			OVM CALIB.	GAS =	ppm ppm	RF = 0.52
		_					TIME: 123			5'BG
SOIL TYPE: SAND (S		USILT/S 44e T		CLAY / CLA	Y / GRAVEL	/ OTHE	R BEDE	ver Save	ه صورائ	5 00
COHESION (ALL OTHERS						IIGHLY (	COHESIVE			
CONSISTENCY (NON COP PLASTICITY (CLAYS): NO						ASTIC /	HIGHLY PLAST	IC	_	
DENSITY (COHESIVE CLA	YS & SILTS)	SOFT / FIF	RM / STI	FF / VERY S	TIFF / HARD					2005@)
MOISTURE: DRY (SLIGH						TED			_	
HC ODOR DETECTED: YE	ES (NO) EXF	LANATION .								
SAMPLE TYPE: GRAB C ADDITIONAL COMMENTS:				- <i>18</i>	12/8 x	4- 1	epp eor	Mon Dy	t. Use	Brokhve
BEDROCK	400		_		remis A	<u> </u>	4.4 Five	Beclev	k Scuds	xare
8010	1 18	سناكط	13,4	ઉચ્ચ્છ.	FIELD 418.	CALC	ULATIONS			
SCALE S	AMP. TIM	SAMP	. ID	LAB N				DILUTIO	NREADING	CALC. (ppm)
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O <sub>A</sub> FT										
N PIT PER	RIMET	ER		1	0)/14		ſ	PIT	PROFIL	<u>.E</u>
1	A			F	OVM READING					
	18	/	PD	SAMPLE	E FIELD HE	ADSPACE				
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				3@			]		12' -	-
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	A		72/1 128/1	1-0-10	B SAMPLE ANALYSIS	TIME		BEDRO	ock SA	nAstone
		1	-	Des	TPA	1110			-	
		TH			PRSSEC	2				
P.D. = PIT DEPRESSION; B.G T.H. = TEST HOLE; ~ = APPI				/		<del> </del>				
TRAVEL NOTES				!	2:-	<u> </u>	1/21/05			
1	CALLOUT:				ONS	11E: 7	12105	<del>, ,,</del>		



Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 5'	Date Reported:	07-27-05
Laboratory Number:	33819	Date Sampled:	07-21-05
Chain of Custody No:	13929	Date Received:	07-22-05
Sample Matrix:	Soil	Date Extracted:	07-26-05
Preservative:	Cool	Date Analyzed:	07-27-05
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:

Roelofs 4 Dehy Pit.

Analyst C. Cylum

Review Walter

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District II
1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410

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

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

For downstream facilities, submit to Santa Fe

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

office

Form C-144

June 1, 2004

District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

Pit or Below-Grade Tank Registration or Closure

Type of action: Registration of a pit	t or below-grade tank Closure of a pit or below-	grade tank 🛛	
perator: BP AMERICA PROD. CO.	Telephone: (505)-326-9200 e	-mail address:	
ddress: 200 ENERGY COURT, FARMINGTON			
acility or well name: ROELOFS #4	API #: 30-045- 23490 U/L or Q	otr/Qtr B Sec 22	T 29N R 8W
ounty: SAN JUAN Latitude 36.71550 Longitude 1	07.65984 NAD: 1927 ☐ 1983 ⊠ Surface	e Owner Federal 🛛 State 🗌	Private Indian
it	Below-grade tank		
vpe: Drilling ☐ Production ☐ Disposal ☒ PRODUCTION TANK	Volume:bbl_Type of fluid:		
Workover ☐ Emergency ☐	Construction materia:	<b>\</b>	
ined 🗍 Unlined 🛛	Double-walled, with leak ditection? Yes 11	explain why not.	
iner type: Synthetic Thicknessmil Clay _			
it Volumebbl			
epth to ground water (vertical distance from bottom of pit to seasonal	Less than 50 feet	(20 points)	0
igh water elevation of ground water.)	50 feet or more, but less than 100 feet	(10 points)	0
	100 feet or more	( 0 points)	
Vellhead protection area: (Less than 200 feet from a private domestic	Yes	(20 points)	0
rater source, or less than 1000 feet from all other water sources.)	No	( 0 points)	0
	Less than 200 feet	(20 points)	
istance to surface water: (horizontal distance to all wetlands, playas,	200 feet or more, but less than 1000 feet	(10 points)	Ω
rigation canals, ditches, and perennial and ephemeral watercourses.)	1000 feet or more	( 0 points)	0
	Ranking Score (Total Points)		0
his is a pit closure: (1) attach a diagram of the facility showing the pit ur are burying in place) onsite offsite offsite, name of facility nediation start date and end date. (4) Groundwater encountered: No	Yes If yes, show depth below ground surface	ral description of remedial ac	ction taken including
ach soil sample results and a diagram of sample locations and excavation		28(2)	N/1/18/30
Additional Comments: PIT LOCATED APPROXIMATE		WELL HEADS	
IT EXCAVATION: WIDTH N/Aft., LENGTH			EB 2008 3
PIT REMEDIATION: CLOSE AS IS: ∅, LANDFARM: □,	COMPOST: ☐, STOCKPILE: ☐, OTHER ☐		CAMPED W
Cubic yards: N/A			SEE DAY
BEDROCK BOTTOM		300	<u>බැ. එ ූ ්ථා\</u>
		\(\frac{1}{2}\)	<del></del>
hereby certify that the information above is true and complete to the be- as been/will be constructed or closed according to NMOCD guideling			or below-grade tank
07/27/05			The court of Fagure 4
oate: 0//2//03			
rintedName/Title Jeff Blagg – P.E. # 11607	Jeffer C	seg	
	Signature		
our certification and NMOCD approval of this application/closure does therwise endanger public health or the environment. Nor does it relieve egulations.	s not relieve the operator of liability should the conte e the operator of its responsibility for compliance wi	ents of the pit or tank contam th any other federal, state, or	inate ground water or local laws and/or
approval: GEPATTY ON & GAS INSPECTOR, DIST. (39	Signature B. J. J. J.	Deta: FFB	2 8 2006
approval: DEFATTY ON & GAS INSPECTOR, OIST. (30 rinted Name/Title	Signature BL & All		Date: FEB



Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 5'	Date Reported:	07-27-05
Laboratory Number:	33818	Date Sampled:	07-21-05
Chain of Custody No:	13929	Date Received:	07-22-05
Sample Matrix:	Soil	Date Extracted:	07-26-05
Preservative:	Cool	Date Analyzed:	07-27-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	4.0	0.2
Diesel Range (C10 - C28)	30.3	0.1
Total Petroleum Hydrocarbons	34.3	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:

Roelofs 4 Prod Pit.

Analyst C. Qy

Mustine midalters
Review

District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III
1000 Rio Brazos Road, Aztec, NM 87410

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

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

Form C-144

June 1, 2004

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

office

1220 S. St. Francis Dr., Santa Fe, NM 87505

Pit or Below-Grade Tank Registration or Closure
Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

Type of action: Registration of a pit of	r below-grade tank 🔲 Closure of a pit or below-grade	de tank 🛛
Operator: BP AMERICA PROD. CO.	Telephone: (505)-326-9200 e-mai	il address:
Address: 200 ENERGY COURT. FARMINGTON.	NM 87410	
Facility or well name: ROELOFS #4	API #: 30-045- 23490 U/L or Qtr/Q	otr B Sec 22 T 29N R 8W
County: SAN JUAN Latitude 36.71550 Longitude 10'	7.65984 NAD: 1927 🗌 1983 🛭 Surface Ov	wner Federal 🛛 State 🗌 Private 🗌 Indian [
<u>Pit</u>	Below-grade tank	
Type: Drilling   Production   Disposal   SEPARATOR	Volume:bbl-Type-of-fluid:	
Workover ☐ Emergency ☐	Construction materia:	
Lined Unlined 🛛	Double-walled, with eak of tection? Yes 1 If in	explain why not.
Liner type: Synthetic Thicknessmil Clay [		
Pit Volumebbl		
Depth to ground water (vertical distance from bottom of pit to seasonal	Less than 50 feet	(20 points)
high water elevation of ground water.)	50 feet or more, but less than 100 feet	(10 points)
mgn water devasted of ground water.)	100 feet or more	( 0 points)
W. III. 1	Yes	(20 points)
Wellhead protection area: (Less than 200 feet from a private domestic	No	( 0 points)
water source, or less than 1000 feet from all other water sources.)		
Distance to surface water: (horizontal distance to all wetlands, playas,	Less than 200 feet	(20 points)
irrigation canals, ditches, and perennial and ephemeral watercourses.)	200 feet or more, but less than 1000 feet	(10 points) <b>0</b>
	1000 feet or more	( 0 points)
	Ranking Score (Total Points)	0
If this is a pit closure: (1) attach a diagram of the facility showing the pit's	relationship to other equipment and tanks. (2) Indica	te disposal location: (check the onsite box if
your are burying in place) onsite 🛛 offsite 🗌 If offsite, name of facility		- ·
remediation start date and end date. (4) Groundwater encountered: No 🛛 Y		
Attach soil sample results and a diagram of sample locations and excavations		
Additional Comments: PIT LOCATED APPROXIMATELY	70 > 10 -	(C) ( ) ( ) ( ) ( )
PIT EXCAVATION: WIDTH N/Aft., LENGTH		EL HEAD.
		EB 2000
PIT REMEDIATION: CLOSE AS IS: ⊠, LANDFARM: □, CO	OMPOST:   , STOCKPILE:   , OTHER   (ex	by Seed all Man
Cubic yards: N/A		E Dans One
BEDROCK BOTTOM		There is a smill
		37/0- 36 0
I hereby certify that the information above is true and complete to the best of has been/will be constructed or closed according to NMOCD guidelines		
	S M, a general permit, or an alternative OCD-a	ipproveu pian 🖂.
Date: 07/27/05		
T 66 TO 1 1 4 4 4 4 6 M	Signature Juffy a s	
PrintedName/Title Jeff Blagg - P.E. # 11607	Signature	
Your certification and NMOCD approval of this application/closure does n otherwise endanger public health or the environment. Nor does it relieve the	ot relieve the operator of liability should the contents ne operator of its responsibility for compliance with a	of the pit or tank contaminate ground water on other federal, state, or local laws and/or
regulations.		
	1	
Approval: DEPUTY ON & GAS INSPECTOR, OIST. Printed Name/Title Sign	21/21/	FEB 2 8 2006
Printed Name/Title Signature Signatu	gnature 13 fl D'all	Date:



Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 5'	Date Reported:	07-27-05
Laboratory Number:	33817	Date Sampled:	07-21-05
Chain of Custody No:	13929	Date Received:	07-22-05
Sample Matrix:	Soil	Date Extracted:	07-26-05
Preservative:	Cool	Date Analyzed:	07-27-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.9	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	0.9	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:

Roelofs 4 Sep Pit.

Analyst C. Cefure

Apriture m Woolen
Review



# EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 5'	Date Reported:	07-27-05
Laboratory Number:	33817	Date Sampled:	07-21-05
Chain of Custody:	13929	Date Received:	07-22-05
Sample Matrix:	Soil	Date Analyzed:	07-27-05
Preservative:	Cool	Date Extracted:	07-26-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	ND	2.1	
Toluene	15.5	1.8	
Ethylbenzene	5.1	1.7	
p,m-Xylene	290	1.5	
o-Xylene	98.6	2.2	
Total BTEX	409		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	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:

Roelofs 4 Sep Pit.

Analyst C. Charles

Review Walter