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

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

Pit or Below-Grade	Tank	Registration	or_	Closure
Is nit or below-grade tank co	vered hy	/ a "general plan"	7 Ve	s M No

	r below-grade tank [Closure of a pit or below-grad	
Operator: BP America Production Company Telephon	e: <u>(505)326-9200</u> e-mail address:	
Address: 200 Energy Ct, Farmington, NM 87401	2045 1158/	- 10 - 29 No 17 W
	0045 11586 U/L or Qtr/Qtr N	
	Longitude	NAD: 1927 🔲 1983 🔀
Surface Owner: Federal State Private M Indian		
<u>Pit</u>	Below-grade tank	_
Type: Drilling Production Disposal —	Volume:bbl Type of fluid:	A
Workover Emergency	Construction material:	\forall
Lined Unlined Union	Double-walled, with leak detection? Yes D If no,	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)
,	100 feet or more	(0 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)
water source, or less than 1000 feet from an other water sources.	Location 200 Cost	(20
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)
	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		
(5) Attach soil sample results and a diagram of sample locations and excavat		
Additional Comments:		
See Attached Documentation		
See Attached Documentation		Ment on Court
		HONE CANADA
		5707 3
I hereby certify that the information above is true and complete to the best	of my knowledge and helief. I further certify that the	a show described pit or below and small
has been/will be constructed or closed according to NMOCD guideline	s 🔀, a general permit 🔲, or an (attached) alternati	ive OCD-approved plan .
Date: 11/01/2005	ire Jeffy C. Slag	
Printed Name/Title <u>Jeffrey C. Blagg, Agent</u> Signatu	are July C. G.	
Your certification and NMOCD approval of this application/closure does n otherwise endanger public health or the environment. Nor does it relieve the regulations.	ot relieve the opera of of liability should the contents on the operator of its responsibility for compliance with an	of the pit or tank contaminate ground water or y other federal, state, or local laws and/or
Approval:	1101	IAM O O coop
Printed Name/Title CPUTY OR & GAS INSPECTOR, DIST.	Signature 3 % S	Date: JAN 3 0 2007

P.O. BOX 87, BLOOMFIELD, NM 87413 (805) 632-1199 FIELD REPORT: PIT CLOSURE VERIFICATION PAGE NO. 1 of 1 LOCATION: NAME: GCU WELL & ZOG TYPE BLOW DATE STANTED S-12-03 OUADUNIT. N SEC. 10 TWP. ZGN RNG (ZW PM NAM CHTYS) ST. ALM OTHEROSTACE ST. 5 12416 W. SEISLW CONTRACTOR: FLAT (BEA) BENCHAMING SCORE OT THE CONTRACTOR STANTED ST. ALM DISPOSAL FACILITY: T. 20 FT. x S. FT. DEEP. CUBIC YARDAGE: O DISPOSAL FACILITY: T. 20 FT. x S. FT. DEEP. CUBIC YARDAGE: O LEASE: NAME OT TO GROUNDWATER: ZGA, D. NEAREST WATER SOURCE: ZGA, D. NEAREST SUBFACE WATER TO GROUNDWATER: ZGA, D. NEAREST WATER SOURCE: ZGA,	1	D (NEERING	•	L	OCATION NO	o: <u>B</u> IZIZ
OCATION: NAME: GCU WELLS 206 TYPE: BLOW DATE STATED 5-12-03 DATE S		VEICHT.		II	OCR NO:	10926			
QUADUNIT. N SEC. IO TWP. 28 N RNG. 12W PM. NAM. CRITYS J. ST. AIM. QTREOTAGE: \$15 \ \$1249 \times \times \text{ selection} \times \times \text{ selection} \text{ selection} \times \text{ selection} selection		FIELD REPORT	: PIT CL	OSURE	VERIF	CATIO	N PA	GE No:	l of 1
QUADUNITY N SEC. 10 TWP 28 NRG. 12W PM. APPONTS ST. APPONTED AT THE SAMP. IN CONTRACTOR, PLANT (BEN) EXCAVATION APPROX. 27, FT. x. 30, FT. x. \$\frac{1}{2}\$ FT. DEEP. CUBIC YARDAGE: \$\frac{1}{2}\$ EXCAVATION APPROX. 27, FT. x. 30, FT. x. \$\frac{1}{2}\$ FT. DEEP. CUBIC YARDAGE: \$\frac{1}{2}\$ DISPOSAL FACILITY:		LOCATION: NAME: 60	U	WELL #:	206 TYPE	: BLOW			
SECANTION APPROX. Z7 FT. X 30 FT. X 5 FT. DEEP CUBIC YARDAGE: EXCAVATION APPROX. Z7 FT. X 30 FT. X 5 FT. DEEP CUBIC YARDAGE: OBSPOSAL FACILITY: LAND USE: RANCE - 6 LAND LEASE: APPROXIMATELY (30 FT. S. 97 W FROM WELLHEAD. DEPTH TO GROUNDWATER: 2620 NAMOOD THAN CLOSURE STD: DEPTH TO GROUNDWATER: 2620 NAMOOD THAN CLOSURE STD: SOIL AND EXCAVATION DESCRIPTION: SOIL AND EXCAVATION DESCRIPTION: SOIL AND EXCAVATION DESCRIPTION: SOIL OLOR: YELLOW TO COMESSE STD: LOSS FIRM DEBISE YARD CHOSEN COMESSING AND STD: YELLOW TO COMESSE TO COMESSION (ALL OTHERS) KNOT COMESSING STD: LOSS FIRM DEBISE YARD CHOSEN COMESSING COMESSING STD: LOSS FIRM DEBISE YARD CHOSEN COMESSING COMESSING COLORS TO PROVIDE THE COMESSING COMESSING COLORS TO PROVIDE THE COMESSING COMESSING COLORS TO PROVIDE THE COMESSING COLORS TO PROVIDE THE COLORS TO	1	QUAD/UNIT: N SEC: 10	TWP: 28 N RNO	S: IZW PM:	MM CNTY:5]	F ST: MM			
DISPOSAL FACILITY: LAND USE: RANGE - 8-UM. LEASE: MM-SF 078 109 FORMATION: DK FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 130 FT. S 97 W FROM WELLHEAD. DEPTH TO GROUNDWATER: 260 NEAREST WATER SOURCE: 2600 PPM MOCO THAT OR COUNTY SOURCE: 2600 PPM SOIL AND EXCAVATION DESCRIPTION: SOIL TYPE AND SILTY SAND / SILT / SILTY CLAY / CLAY / CRAVEL / OTHER SOURCE STO. SOIL OTOR: VECOU TAN 0-3 MILT / SILTY CLAY / CLAY / CRAVEL / OTHER SOURCE STO. SOIL OTOR: VECOU TAN 0-3 MILT / SILTY CONESVE / HIGHLY CONESVE / HIGHLY CONESVE / CONSISTENCY (NON CONSISTENCY SOILS): LOSS FIRM JOENS Y CONESVE / HIGHLY CONESVE / HIGHLY PLASTIC / DEPSITY (CONSISTENCY (NON CONSISTENCY SOILS): LOSS FIRM JOENS Y STEP / HAND MOISTURE: DRY (SUIGHTLY MOIST WISE PLASTICITY (CLAY): NON PLASTIC / SILGHTLY PLASTIC / CONSISTENCY (SILTY): SOIL FIRM JOENS Y STEP / HAND MOISTURE: DRY (SILGHTLY MOIST WISE PLASTICITY (CLAY): NON PLASTIC / SILGHTLY PLASTIC / CONSISTENCY (SILTY): SOIL THAT WE SERVE / HIGHLY CONESVE / HIGHLY PLASTIC / DEPSITY (CONESVE (LAYS): NON PLASTIC / SILGHTLY PLASTIC / SOURCE STEP / HAND MOISTURE: DRY (SILGHTLY MOIST WISE / HAND STEP / HAND MOISTURE: DRY (SILGHTLY MOIST WISE / HAND STEP / HAND MOISTURE: DRY (SILGHTLY MOIST WISE / HAND STEP / HAND MOISTURE: DRY (SILGHTLY MOIST WISE / HAND STEP / HAND MOISTURE: DRY (SILGHTLY MOIST WISE / HAND STEP / HAND MOISTURE: DRY (SILGHTLY MOIST MOISTURE) DRY (SILGHTLY MOIST MOISTURE MOISTUR		QTR/FOOTAGE:8755124	40W SE	low CONTE	RACTOR: FLINT	(BEN)			Jas
LEASE: **HYPOSF** O7810?** FORMATION: DK FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 130 FT. \$87° W FROM WELLHEAD. DEPTHYO GROUNDWATER: 200 NEAREST WATER SOURCE: 200 NEAREST SURFACE WATER: 2100 NMOCD PRANKING SCORE: NMOCD THAT CLOSURE STD: 500 PPM SOIL AND EXCAVATION DESCRIPTION: SOIL AND EXCAVATION DESCRIPTION: SOIL AND EXCAVATION DESCRIPTION: SOIL OTHER (SAND) SILTY SAND / SILTY SAND / SILTY SILTY CLAY / CRAY / C		EXCAVATION APPROX	. <u>27</u> FT. x	<u>30</u> FT.	x <u>\$</u> FT	DEEP. C	JBIC YAI	RDAGE:	
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 139 FT. \$57° W FROM WELLHEAD. DEPTH TO GROUNDWATER: AND AND EXCAVATION DESCRIPTION: SOIL AND EXCAVATION DESCRIPTION: SOIL TYPE: (SAND) SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER SOIL COLOR: YELLOW TAN ON ONESINE SIDENTY COHESINE / TIME: 1250 am/ymm DATE: \$5.200 ppm RE = 0.52 TIME: 1250 am/ymm DATE: \$5.200 ppm RE = 0.52 TIME: 1250 am/ymm DATE: \$5.200 ppm RE = 0.52 TIME: 1250 am/ymm DATE: \$5.200 ppm RE = 0.52 TIME: 1250 am/ymm DATE: \$5.200 ppm RE = 0.52 TIME: 1250 am/ymm DATE: \$5.200 ppm RE = 0.52 TIME: 1250 am/ymm DATE: \$5.200 ppm RE = 0.52 TIME: 1250 am/ymm DATE: \$5.200 ppm RE = 0.52 TIME: 1250 am/ymm DATE: \$5.200 ppm RE = 0.52 TIME: 1250 am/ymm DATE: \$5.200 ppm RE = 0.52 TIME: 1250 am/ymm DATE: \$5.200 ppm RE = 0.52 TIME: 1250 am/ymm DATE: \$5.200 ppm RE = 0.52 TIME: 1250 am/ymm DATE: \$5.200 ppm RE = 0.52 TIME: 1250 am/ymm DATE: \$5.200 ppm RE = 0.52 TIME: 1250 am/ymm DATE: \$5.200 ppm RE = 0.52 TIME: 1250 am/ymm DATE: \$5.200 ppm RE = 0.52 TIME: 1250 am/ymm DATE: \$5.200 ppm RE = 0.52 TIME: 1250 ppm RE = 0.52 TIME		DISPOSAL FACILITY:	NA		REMEDIA	TION METH	OD:	Croze	AS 15
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NMOCD PANKING SCORE: NMOCD TPH CLOSURE STD: 500 PPM OVM CALIB. READ. = 130.3 ppm OVM CALIB. GAS = 250 ppm RE = 0.52 TIME: 1250 sm/pm DATE: S - 12 + 0.32 SOIL TYPE: SAND); SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER SOIL COLOR: SOIL COLOR: SOIL COLOR: SOIL COLOR: SOIL COLOR: SOIL CALL OTHERS) (FON COHESIVE) SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DISER / VERY OBESE PLASTICITY (CLAYS): NON PLASTIC; SILGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (CHASIS): NON PLASTIC; SILGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (CHASIS): NON PLASTIC; SILGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (CHASIS): NON PLASTIC; SILGHTLY MOISD MOIST / WERT STEF / HARD MOISTURE: DOISTOR: MOISTURE: DOISTOR: DOIS		FIELD NOTES & REMAR	KS: PIT LOC	ATED APPROX	(IMATELY 13	<u>ပ</u> FT	587	<u>,</u> ✓ FROM	NELLHEAD.
SOIL AND EXCAVATION DESCRIPTION: OVM CALIB. READ. = \(\frac{30.3}{250} \) ppm \(\text{ppm} \) BE = 0.52 \\ SOIL TYPE (SAND) SILTY SAND / SILTY CLAY / CLAY / GRAVE / OTHER \(\frac{250}{250} \) ppm \(\text{DATE} \) DATE: \(\frac{5-10.50}{250} \) DATE: \(\f		DEPTH TO GROUNDWATER: >10					SURFACE W	/ATER: _>	1000
SOIL TYPE: SANDI SILTY SAND / SILTY CLAY / CLAY / CLAY / CRAYEL / OTHER SOIL COLOR COLOR SOIL COLOR (RECOLOT TAN O'-3 H.C. STANDIAG 3-9' COHESION (ALL OTHERS) (MON COHESIVE SUBJECTIVE COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE PLASTICITY (CLAYS): NON PLASTIC / SILENTLY PLASTIC / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE PLASTICITY (CLAYS): NON PLASTIC / SILENTLY PLASTIC / COHESIVE / HIGHLY PLASTIC DENSITY (COHESIVE CLAYSE SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD MOISTURE: DRY (SILENTLY MOIST) MOIST LIVET / SATURATED / SUPER SATURATED DISCOLORATIONSTAINING DESERVED: (1528) NO EXPLANATION: AUDITOR HC ODOR DETECTED / YES / MO EXPLANATION: AUDITOR ADDITIONAL COMMENTS: ENTIRE SAMP. ID LAB NO. WEIGHT (g) INL FREON DILUTION READING CALC. (ppm) O † FT N PIT PERIMETER OVM SAMPLE FIELD HARDSPACE 10 GOWN ALLE SAMPLES 10 GOWN ALLE		NMOCD RANKING SCORE:	NMOCD TPH	CLOSURE STD:	5000 PI				
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FIELD 418.1 CALCULATIONS SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm) O ↑ FT N PIT PERIMETER OVM READING SAMPLE FIELD HEADSPACE (ppm) 1		ADDITIONAL COMMENTS: EA	RTHEN PAT	· Use	BACKHUF	TO DIF	TEST	TREN(24 ¥
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A 30' P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW IT.H. = TEST HOLE; ~= APPROX; T.B. = TANK BOTTOM SAMP. ID LAB NO. WEIGH (g) mL FREON DILUTION READING CALC. (ppm) P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW IT.H. = TEST HOLE; ~= APPROX; T.B. = TANK BOTTOM P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW IT.H. = TEST HOLE; ~= APPROX; T.B. = TANK BOTTOM		SCALE		FIE	LD 418.1 CALC	ULATIONS			
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE: PIT PERIMETER OVM READING READING SAMPLE FIELD HEADSPACE (ppm) 1 @ G 37 2 @ 9' 35" 3 @ 6' 12 4 @ 5 @ 4 5 @ 5 @ 4 STANAMO STA		SAMP. TIM	IE SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTIO	NREADIN	G CALC. (ppm)
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; APPROX; T.B. = TANK BOTTOM PIT PERIMETER OVM READING READING SAMPLE FIELD HEADSPACE (ppm) READING SAMPLE FIELD HEADSPACE (ppm) READING SAMPLE FIELD HEADSPACE (ppm) READING READING SAMPLE FIELD HEADSPACE (ppm) READING READING READING SAMPLE FIELD HEADSPACE (ppm) READING READING READING SAMPLE FIELD HEADSPACE (ppm) READING READING SAMPLE FIELD HEADSPACE (ppm) READING READING SAMPLE FIELD HEADSPACE (ppm) READING READING SAMPLE FIELD HEADSPACE (ppm) READING SAMPLE FIELD HEADSPACE (ppm) READING		0 f FT			ļ				
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READING SAMPLE FIELD HEADSPACE (ppm) 1 @ & 32 2 @ 9' 354 3 @ 6' 12 4 @ 5 @ A3' LAB SAMPLES SAMPLE ANALYSIS TIME ORIGINAL ANALYSIS TIME 2 3 TAYLOR BELOW GRADE; B = BELOW T.H. = TEST HOLE: -= APPROX; T.B. = TANK BOTTOM T.H. = TEST HOLE: -= APPROX; T.B. = TANK BOTTOM T.H. = TEST HOLE: -= APPROX; T.B. = TANK BOTTOM		1		0	VM		1 1 1	111011	LL .
A 30' A' D (ppm) 10 (ppm) 12 20 Y' 354 30 6' 12 40 50 NAMPLES SAMPLES SAMPLE ANALYSIS TIME 23-Y TPH/BTEX /240 P.T. P.T		£ 27'	TRENCH						
A 30' A		1 (12)	`	ID	(ppm)				
A 30' A' WELL STAINWE ON LAB SAMPLES SAMPLE ANALYSIS TIME ORIGINAL P.T. PRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX; T.B. = TANK BOTTOM)	2@ 9'	354	_			
A 30' STANNO ON THE TEST HOLE: ~ = APPROX; T.B. = TANK BOTTOM A 3' STANNO STANNO SAMPLE ANALYSIS TIME BATH PASSED A 3' STANNO BATH PASSED			TU		12	- ,			
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LAB SAMPLES SAMPLE ANALYSIS TIME ORIGINAL ZZY TIM RIEX 7240 P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM		30 \ \(\lambda \)				- 3′ \			
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P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM	1	V	25	SAMPLE A	ALYSIS TIME		- A		1 6
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM						<u>S</u>	cin	w	
T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM	J		SURPAR	ROTH	PASSED)	\dashv			
TRAVEL NOTES: CALLOUT: 5/12/03 1005 ONSITE: 5/17/03 1150	ļ								<u> </u>
ONGILE. STOPE	Į	TRAVEL NOTES: CALLOUT:	5/12/03	1005	_ ONSITE:	5/12/	53	1150	

revised: 09/04/02



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	Blow 2 @ 9'	Date Reported:	05-13-03
Laboratory Number:	25635	Date Sampled:	05-12-03
Chain of Custody No:	10926	Date Received:	05-12-03
Sample Matrix:	Soil	Date Extracted:	05-13-03
Preservative:	Cool	Date Analyzed:	05-13-03
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1,550	0.2
Diesel Range (C10 - C28)	1,530	0.1
Total Petroleum Hydrocarbons	3,080	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 206.

Analyst C. Officer

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EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	Blow 2 @ 9'	Date Reported:	05-13-03
Laboratory Number:	25635	Date Sampled:	05-12-03
Chain of Custody:	10926	Date Received:	05-12-03
Sample Matrix:	Soil	Date Analyzed:	05-13-03
Preservative:	Cool	Date Extracted:	05-13-03
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	14.3	1.8
Toluene	2,020	1.7
Ethylbenzene	1,200	1.5
p,m-Xylene	2,640	2.2
o-Xylene	1,710	1.0
Total BTEX	7,580	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98 %
	1,4-difluorobenzene	98 %
	Bromochlorobenzene	98 %

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 206.

Analyst C. Certain

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