

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

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

Form C-144
June 1, 2004

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

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-grade tank ☒

Operator: <u>XTO ENERGY INC.</u> Telephone: <u>(505)-324-1090</u> e-mail address: _____	
Address: <u>2700 FARMINGTON AVE.. BLDG. K. SUITE 1. FARMINGTON. NM 87401</u>	
Facility or well name: <u>DAY, J.F. D #1</u> API #: <u>30-045- 07378</u> U/L or Qtr/Qtr <u>B</u> Sec <u>20</u> T <u>28N</u> R <u>10W</u>	
County: <u>SAN JUAN</u> Latitude <u>36.65287</u> Longitude <u>107.91631</u> NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/> Surface Owner Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>	
Pit Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> <u>BLOW</u> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: <u>N/A</u> Double-walled, with leak detection? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If not, explain why not. _____ _____ _____
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) 0 100 feet or more (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 all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet (20 points) 200 feet or more, but less than 1000 feet (10 points) 0 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) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☒ offsite ☐ 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: <u>PIT LOCATED APPROXIMATELY 261 FT. SOW FROM WELL HEAD.</u>
<u>PIT EXCAVATION: WIDTH n/a ft., LENGTH n/a ft., DEPTH n/a ft.</u>
<u>PIT REMEDIATION: CLOSE AS IS: <input checked="" type="checkbox"/>. LANDFARM: <input type="checkbox"/>. COMPOST: <input type="checkbox"/>. STOCKPILE: <input type="checkbox"/>. OTHER <input type="checkbox"/> (explain)</u>
Cubic yards: <u>n/a</u>

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 alternative OCD-approved plan ☒.

Date: 10/15/04

Printed Name/Title Jeff Blagg – P.E. # 11607 Signature Jeff C. Blagg

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: DEPUTY OIL & GAS INSPECTOR, DIST. 3

Printed Name/Title _____ Signature Bob Rell Date: MAR 27 2006

CLIENT: <u>XTD</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>CT097</u> COCR NO: <u>12916</u>
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FIELD REPORT: PIT CLOSURE VERIFICATION

LOCATION: NAME: DAY JF D WELL#: 1 TYPE: Blow

QUAD/UNIT: B SEC: 20 TWP: 28N RNG: 10W PM: NM CNTY: ST ST: NM

QTR/FOOTAGE: 790N/1850'E NW/NE CONTRACTOR: KEUCO (MIKE)

EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: NA

DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: CLOSE AS IS

LAND USE: RANGE - Blm LEASE: SE 047039A FORMATION: CK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 261 FT. SOW FROM WELLHEAD.

DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'

NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION:

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____

SOIL COLOR: VERY PALE TO DK. YEL. ORANGE

COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE

CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE

PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC

DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED

DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION: _____

HC ODOR DETECTED: YES / NO EXPLANATION: SUGARY IN OUM SAMPLE.

SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. —

ADDITIONAL COMMENTS: _____

OVM CALIB. READ. = 53.9 ppm
 OVM CALIB. GAS = 100 ppm RF = 0.52
 TIME: 8:28 am/pm DATE: 10/12/04

SCALE

0 FT

FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

PIT PERIMETER

P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW
T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM

OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 11'	109.2
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
DE 11'	TAH (80158)	1046
"	BTEX (80218)	"

PASSED

PIT PROFILE

NOT APPLICABLE

TRAVEL NOTES: CALLOUT: 10/13/04 - morn. ONSITE: 10/13/04 - morn.

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Blagg / XTO Energy
Sample ID: 1 @ 11'
Laboratory Number: 30946
Chain of Custody No: 12916
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 94034-010
Date Reported: 10-15-04
Date Sampled: 10-13-04
Date Received: 10-13-04
Date Extracted: 10-14-04
Date Analyzed: 10-15-04
Analysis Requested: 8015 TPH

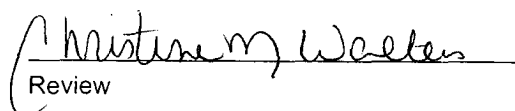
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	194	0.2
Diesel Range (C10 - C28)	122	0.1
Total Petroleum Hydrocarbons	316	0.2

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: Day JF D #1 Blow Pit Grab Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Blagg / XTO Energy
Sample ID: 1 @ 11'
Laboratory Number: 30946
Chain of Custody: 12916
Sample Matrix: Soil
Preservative: Cool
Condition: Cool & Intact

Project #: 94034-010
Date Reported: 10-15-04
Date Sampled: 10-13-04
Date Received: 10-13-04
Date Analyzed: 10-15-04
Date Extracted: 10-14-04
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1,990	1.8
Toluene	204	1.7
Ethylbenzene	616	1.5
p,m-Xylene	1,970	2.2
o-Xylene	1,840	1.0
Total BTEX	6,620	

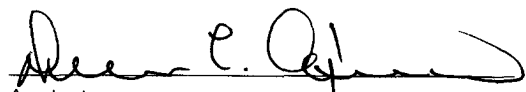
ND - Parameter not detected at the stated detection limit.

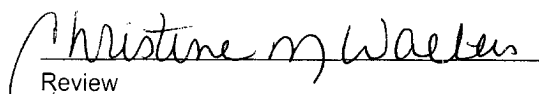
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99 %
	1,4-difluorobenzene	99 %
	Bromochlorobenzene	99 %

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: Day JF D #1 Blow Pit Grab Sample.


Analyst


Review

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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

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appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe
office

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

Pit or Below-Grade Tank Registration or Closure

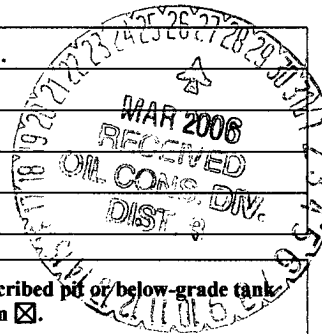
Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: <u>XTO ENERGY INC.</u> Telephone: <u>(505)-324-1090</u> e-mail address: _____		
Address: <u>2700 FARMINGTON AVE.. BLDG. K. SUITE 1. FARMINGTON. NM 87401</u>		
Facility or well name: <u>DAY, J.F. D #1</u> API #: <u>30-045- 07378</u> U/L or Qtr/Qtr <u>B</u> Sec <u>20</u> T <u>28N</u> R <u>10W</u>		
County: <u>SAN JUAN</u> Latitude <u>36.65287</u> Longitude <u>107.91631</u> NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/> Surface Owner Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>		
Pit Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> SEPARATOR Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: <u>N/A</u> Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet	(20 points)
	50 feet or more, but less than 100 feet	(10 points) 0
	100 feet or more	(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 all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet	(20 points)
	200 feet or more, but less than 1000 feet	(10 points) 0
	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) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☒ offsite ☐ 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: <u>PIT LOCATED APPROXIMATELY 150 FT. N12W FROM WELL HEAD.</u>
PIT EXCAVATION: WIDTH <u>n/a</u> ft., LENGTH <u>n/a</u> ft., DEPTH <u>n/a</u> ft. .
PIT REMEDIATION: CLOSE AS IS: <input checked="" type="checkbox"/> , LANDFARM: <input type="checkbox"/> , COMPOST: <input type="checkbox"/> , STOCKPILE: <input type="checkbox"/> , OTHER <input type="checkbox"/> (explain)
Cubic yards: <u>n/a</u>
BEDROCK BOTTOM



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 alternative OCD-approved plan ☒.

Date: 10/15/04

Printed Name/Title Jeff Blagg - P.E. # 11607 Signature Jeff Blagg

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: DEPUTY OIL & GAS INSPECTOR, DIST. 4 Signature Bushnell Date: MAR 27 2006

CLIENT: XTO**BLAGG ENGINEERING, INC.**
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199LOCATION NO: CT097COQR NO: 12916**FIELD REPORT: PIT CLOSURE VERIFICATION**PAGE No: 1 of 1LOCATION: NAME: DAY JF D WELL#: 1 TYPE: SEP.DATE STARTED: 10/13/04QUAD/UNIT: B SEC: 20 TWP: 28N RNG: 10W PM: NM CNTY: SJ ST: NM

DATE FINISHED:

QTR/FOOTAGE: 790'N/1850'E NW/NE CONTRACTOR: KELCO (MIKE)ENVIRONMENTAL SPECIALIST: NVEXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: NADISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: CLOSE AS ISLAND USE: RANGE - BLM LEASE: SF 047039A FORMATION: CK**FIELD NOTES & REMARKS:**PIT LOCATED APPROXIMATELY 150 FT. N12W FROM WELLHEAD.DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM**SOIL AND EXCAVATION DESCRIPTION:**OVM CALIB. READ. = 53.9 ppm
OVM CALIB. GAS = 100 ppm RF = 0.52
TIME: 8:28 am/pm DATE: 10/12/04SOIL TYPE: (SAND) / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK (SANDSTONE)SOIL COLOR: VARYING GRAYS TO BLACKBEDROCK - LT. TO DUNE GRAYCOHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVECONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE

PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC

DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

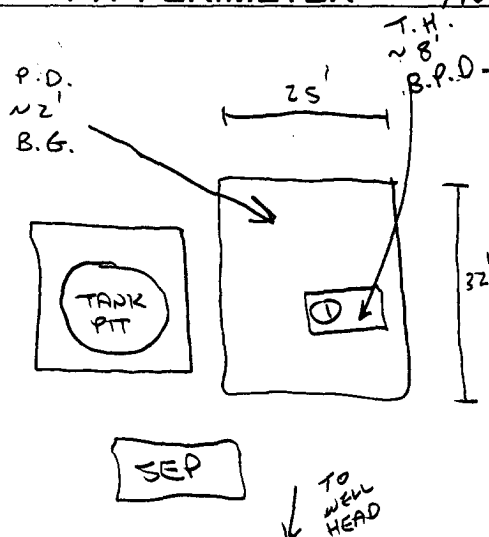
MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / (SATURATED) / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - ENTIRE TEST HOLE & BEDROCK SURFACE.HC ODOR DETECTED: YES / NO EXPLANATION - TEST HOLE & OUM SAMPLE.SAMPLE TYPE: GRAB COMPOSITE - # OF PTS. 1ADDITIONAL COMMENTS: INSTRUCTED OPERATOR TO OILUTE/AERATE IMPACTED SOIL WITHIN PIT & LEAVE IN PLACE. COLLECTED SAMPLE FROM BEDROCK. BEDROCK - HARD, SLIGHTLY FRIABLE.BEDROCK BOTTOMCLOSED**FIELD 418.1 CALCULATIONS**

SCALE 1'



0 FT

SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

PIT PERIMETER**OVM READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 10'	2408
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
DE 10	TPH (80158)	1058
"	BTEX (80216)	"
	<u>PAUSED</u>	

PIT PROFILE

NOT APPLICABLE

P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW
T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM

TRAVEL NOTES:

CALLOUT: _____

ONSITE: _____

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Blagg / XTO Energy
Sample ID: 1 @ 10'
Laboratory Number: 30947
Chain of Custody No: 12916
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

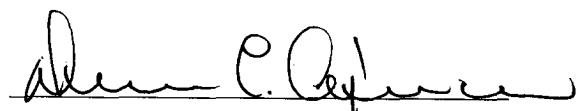
Project #: 94034-010
Date Reported: 10-15-04
Date Sampled: 10-13-04
Date Received: 10-13-04
Date Extracted: 10-14-04
Date Analyzed: 10-15-04
Analysis Requested: 8015 TPH

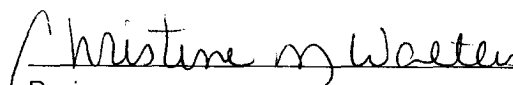
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2,970	0.2
Diesel Range (C10 - C28)	172	0.1
Total Petroleum Hydrocarbons	3,140	0.2

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: **Day JF D #1 Separator Pit Grab Sample.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Blagg / XTO Energy
Sample ID: 1 @ 10'
Laboratory Number: 30947
Chain of Custody: 12916
Sample Matrix: Soil
Preservative: Cool
Condition: Cool & Intact

Project #: 94034-010
Date Reported: 10-15-04
Date Sampled: 10-13-04
Date Received: 10-13-04
Date Analyzed: 10-15-04
Date Extracted: 10-14-04
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	943	1.8
Toluene	134	1.7
Ethylbenzene	339	1.5
p,m-Xylene	1,500	2.2
o-Xylene	1,180	1.0
Total BTEX	4,100	

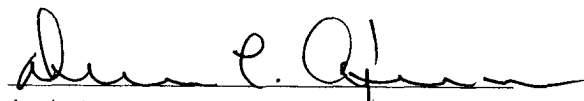
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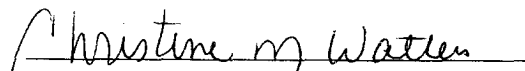
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99 %
	1,4-difluorobenzene	99 %
	Bromochlorobenzene	99 %

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: Day JF D #1 Separator Pit Grab Sample.


Analyst


Review