

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-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: XTO Energy Inc.	Contact: Kim Champlin
Address: #382 County Road 3100, Aztec, NM 87410	Telephone No. (505) 333-3100
Facility Name: Breech D #140 (API 30-039-82349)	Facility Type: Gas Well

Surface Owner: Federak	Mineral Owner	Lease No. NMNM03553
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LOCATION OF RELEASE

Unit Letter A	Section 11	Township 26N	Range 6W	Feet from the 990	North/South Line North	Feet from the 990	East/West Line East	County Rio Arriba
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Latitude 36.5065158 Longitude 107.431393

NATURE OF RELEASE

Type of Release: Historical Legacy	Volume of Release: Unknown	Volume Recovered: Excavated
Source of Release: Possible Unlined Pit	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 08/13/08 Afternoon
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell	
By Whom? Jeff Blagg	Date and Hour 08/14/08 9:40 AM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. RCVD SEP 17 '08	

If a Watercourse was Impacted, Describe Fully.* OIL CONS. DIV. DIST. 3
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Describe Cause of Problem and Remedial Action Taken.* Stained and hydrocarbon impacted soil was discovered on location while construction crew was trenching for installation of new pipeline. It is assumed this is a historical release possibly from an unlined pit.

Describe Area Affected and Cleanup Action Taken.*
Soil was excavated to bedrock sandstone at approximately 7 feet. An estimated 65 cubic yards of soil was disposed of at a state approved facility. Samples were collected (results attached) and the clean up was discussed with Brandon Powell at the OCD office on 8/25/08.


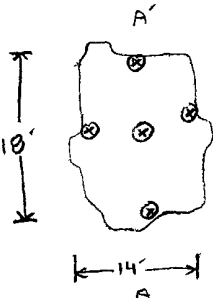
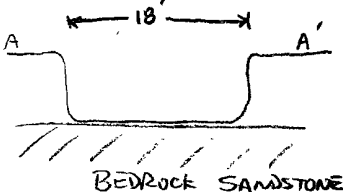
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: <i>Kim Champlin</i>	OIL CONSERVATION DIVISION	
Printed Name: Kim Champlin	Approved by District Supervisor: <i>Bob Hall</i> For: <i>Charlie Perrin</i>	
Title: Environmental Representative	Approval Date: 9/17/08	Expiration Date:
E-mail Address: kim_champlin@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 09/16/08 Phone: (505) 333-3100		

* Attach Additional Sheets If Necessary

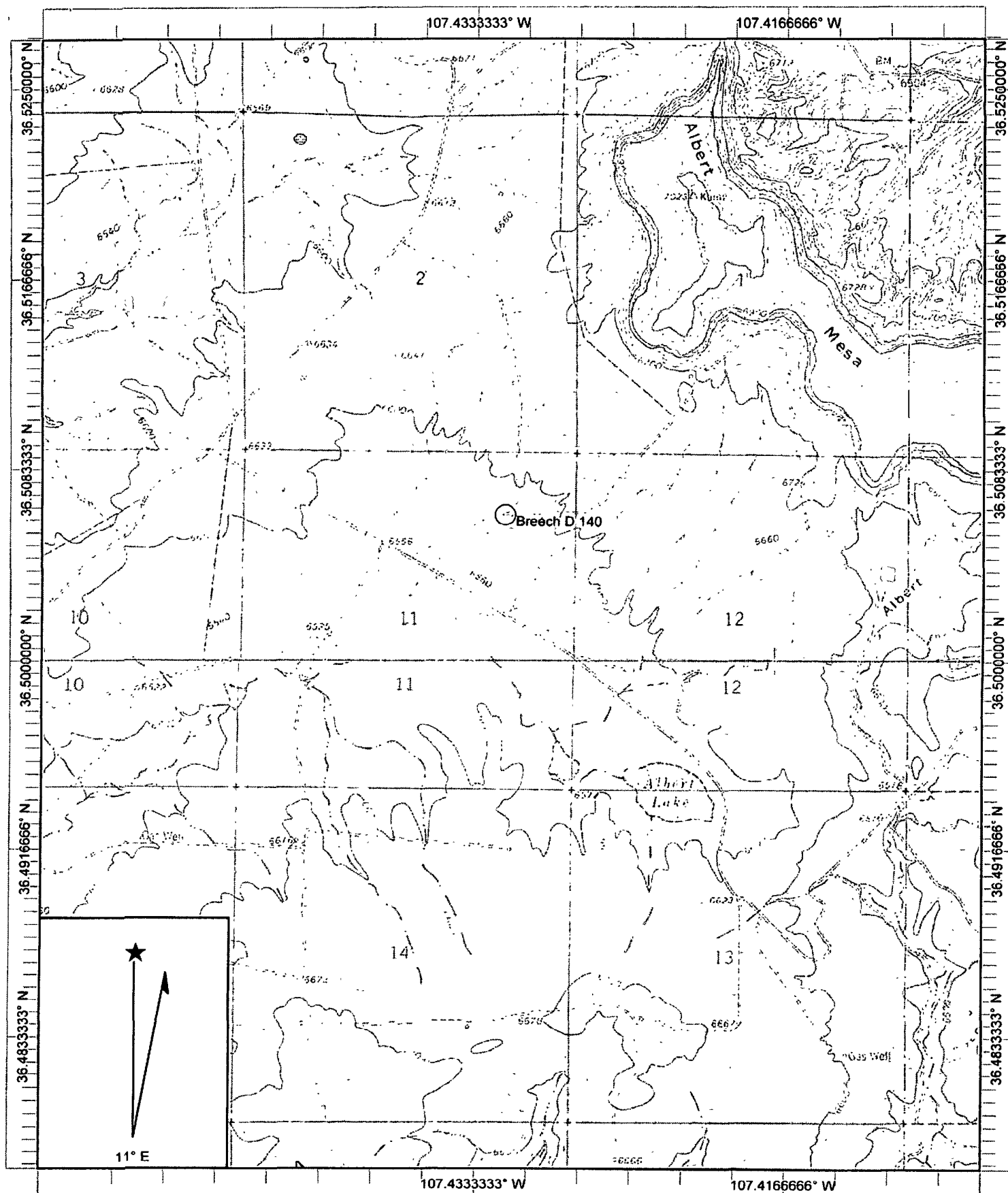
Incident # nRMD 0928152777

30-039-82349

CLIENT: <u>XTO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>ENVIRUTECH</u> COCR NO: <u>5011</u>																																								
FIELD REPORT: SPILL CLOSURE VERIFICATION																																										
LOCATION: NAME: <u>BREECH D</u> WELL #: <u>140</u> TYPE: <u>HISTORICAL</u> QUAD/UNIT: <u>A SEC: 11 TWP: 26N RNG: 6W PM: NM CNTY: RA ST: NM</u> QTR/FOOTAGE <u>990' FNL x 990' FEL</u> CONTRACTOR: <u>CIMARRON</u>		PAGE No <u>1</u> of <u>1</u> DATE STARTED <u>8-14-08</u> DATE FINISHED _____ ENVIRONMENTAL SPECIALIST <u>JCB</u>																																								
EXCAVATION APPROX. <u>18</u> FT. x <u>14</u> FT. x <u>7</u> FT. DEEP. CUBIC YARDAGE: <u>65 ±</u> DISPOSAL FACILITY: <u>JFJ LANDFARM</u> REMEDIATION METHOD: <u>EXCAVATE</u> LAND USE: <u>RANGE - BLM</u> LEASE: <u>NMNM-03553</u> FORMATION: <u>MY/DK</u>																																										
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>100</u> FT. <u>N75W</u> FROM WELLHEAD DEPTH TO GROUNDWATER: <u>>50'</u> NEAREST WATER SOURCE: <u>>1000</u> NEAREST SURFACE WATER: <u>>1000</u> NMOC D RANKING SCORE <u>10</u> NMOC D TPH CLOSURE STD: <u>1000</u> PPM																																										
SOIL AND EXCAVATION DESCRIPTION: <u>0'-7'</u> SOIL TYPE SAND (SILTY SAND) SILT / SILTY CLAY (CLAY) GRAVEL / OTHER <u>BEDROCK SANDSTONE @ 7'</u> SOIL COLOR <u>DARK BROWN</u> 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: <u>STAINING IN SOILS EXCAVATED</u> HC ODOR DETECTED (YES) NO EXPLANATION: <u>MODERATE IN SOILS EXCAVATED</u> SAMPLE TYPE GRAB / COMPOSITE: # OF PTS. <u>5</u> APPARENT LEGACY RELEASE (POSSIBLE UNLINED PIT) ADDITIONAL COMMENTS: <u>DISCOVERED WHILE TRENCHING FOR NEW PIPELINE INSTALLATION, EXCAVATE IMPACTED SOILS TO BEDROCK SANDSTONE @ -7'</u>																																										
FIELD 418.1 CALCULATIONS																																										
SCALE  0 1 FT	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>SAMP. TIME</th> <th>SAMP. ID</th> <th>LAB NO.</th> <th>WEIGHT (g)</th> <th>mL FREON</th> <th>DILUTION</th> <th>READING</th> <th>CALC (ppm)</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC (ppm)																																	PIT PERIMETER  <p>② = 5-POINT COMPOSITE POINT P.D. = PIT DEPRESSION; B.G. = BELOW GRADE T.H. = TEST HOLE</p>
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TRAVEL NOTES: CALLOUT: <u>8-13-08 1330</u> ONSITE: <u>8-14-08 0820</u>																																										

revised 08/12/01

h011005R.evf



Name: SANTOS PEAK
 Date: 8/15/2008
 Scale: 1 inch equals 2000 feet

Location: 036.5023625° N 107.4314239° W
 Caption: XTO Breach D 140
 Historical Release Site

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Blagg/XTO	Project #:	94034-0010
Sample ID:	Site Remediation 5-point @ 7'	Date Reported:	08-21-08
Laboratory Number:	46760	Date Sampled:	08-14-08
Chain of Custody No:	5011	Date Received:	08-14-08
Sample Matrix:	Soil	Date Extracted:	08-19-08
Preservative:	Cool	Date Analyzed:	08-19-08
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	44.7	0.2
Diesel Range (C10 - C28)	372	0.1
Total Petroleum Hydrocarbons	417	0.2

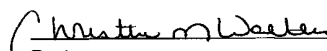
ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Breach D #140**



Analyst



Review

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Blagg/XTO	Project #:	94034-0010
Sample ID:	Site Remediation 5-point @ 7'	Date Reported:	08-20-08
Laboratory Number:	46760	Date Sampled:	08-14-08
Chain of Custody:	5011	Date Received:	08-14-08
Sample Matrix:	Soil	Date Analyzed:	08-19-08
Preservative:	Cool	Date Extracted:	08-19-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1.2	0.9
Toluene	94.2	1.0
Ethylbenzene	30.9	1.0
p,m-Xylene	1,340	1.2
o-Xylene	260	0.9
Total BTEX	1,730	

ND - Parameter not detected at the stated detection limit.

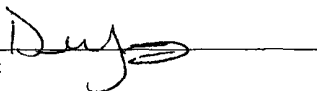
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

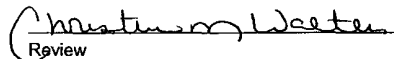
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Breech D #140

Analyst



Review



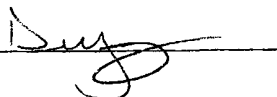
Client:	Blagg/XTO	Project #:	94034-0010
Sample ID:	Site Remediation 5-Point @ 7'	Date Reported:	08-21-08
Lab ID#:	46760	Date Sampled:	08-14-08
Sample Matrix:	Soil	Date Received:	08-14-08
Preservative:	Cool	Date Analyzed:	08-19-08
Condition:	Intact	Chain of Custody:	5011

Parameter	Concentration (mg/Kg)
Total Chloride	73.0

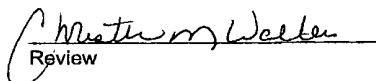
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Breech D #140.

Analyst



Review



EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-19-08 QA/QC	Date Reported:	08-21-08
Laboratory Number:	46741	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-19-08
Condition:	N/A	Analysis Requested:	TPH

	Test Date	Calculated	Accepted	Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	9.9307E+002	9.9347E+002	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0014E+003	1.0018E+003	0.04%	0 - 15%

Blank Conc. (mg/L, mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

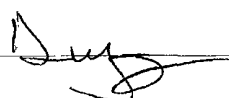
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	4,490	4,470	0.4%	0 - 30%
Diesel Range C10 - C28	967	961	0.6%	0 - 30%

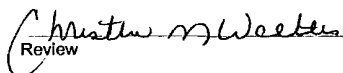
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	Recovery	Accept. Range
Gasoline Range C5 - C10	4,490	250	4,730	99.8%	75 - 125%
Diesel Range C10 - C28	967	250	1,210	99.4%	75 - 125%

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 46741 - 46746 and 46760.

Analyst 

Review 

Client:	N/A	Project #:	N/A
Sample ID:	08-19-BT QA/QC	Date Reported:	08-20-08
Laboratory Number:	46741	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-19-08
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	Cal RE	Cal RE	%BI	Blank	Detect
	Accept Range	0 - 15%		Conc	Limit
Benzene	1.0088E+008	1.0109E+008	0.2%	ND	0.1
Toluene	8.0186E+007	8.0347E+007	0.2%	ND	0.1
Ethylbenzene	6.2956E+007	6.3082E+007	0.2%	ND	0.1
p,m-Xylene	1.3114E+008	1.3140E+008	0.2%	ND	0.1
o-Xylene	6.2055E+007	6.2179E+007	0.2%	ND	0.1

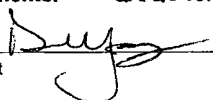
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%BI	Accept Range	Detect Limit
Benzene	878	876	0.2%	0 - 30%	0.9
Toluene	4,320	4,310	0.2%	0 - 30%	1.0
Ethylbenzene	2,810	2,800	0.4%	0 - 30%	1.0
p,m-Xylene	13,200	13,200	0.0%	0 - 30%	1.2
o-Xylene	6,590	6,560	0.5%	0 - 30%	0.9

Spiked Conc. (ug/Kg)	Sample	Added Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	878	50.0	925	99.8%	39 - 150
Toluene	4,320	50.0	4,360	99.7%	46 - 148
Ethylbenzene	2,810	50.0	2,850	99.7%	32 - 160
p,m-Xylene	13,200	100	13,300	100%	46 - 148
o-Xylene	6,590	50.0	6,670	101%	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 46741 - 46746, 46760, 46762 - 46764.

Analyst 

Review 