

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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-141
Revised August 8, 2011

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

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: XTO Energy, Inc.	Contact: James McDaniel
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3701
Facility Name: Hancock Gas COM #1E	Facility Type: Gas Well

Surface Owner: Fee	Mineral Owner	API No.: 30-045-25250
--------------------	---------------	-----------------------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	15	30N	12W	1710	FSL	890	FEL	OIL CONS. DIV DIST. 3

Latitude 36.810783 Longitude -108.091816

JAN 03 2014

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: Unknown	Volume Recovered: None
Source of Release: Below Grade Tank	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: October 29, 2013
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

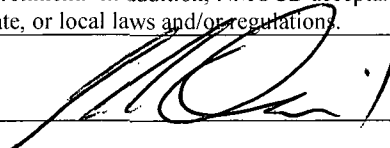
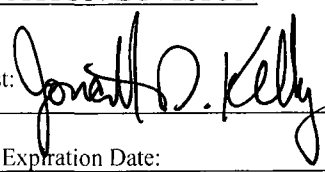
Describe Cause of Problem and Remedial Action Taken.

The below grade tank (BGT) was taken out of service at the Hancock Gas COM #1E well site due to facility upgrades. The soil beneath the BGT was sampled for TPH via USEPA Method 418.1 and 8015M, for benzene and total BTEX via USEPA Method 8021, and for total chlorides. The sample returned results below the 'Pit Rule' spill confirmation standards benzene, total BTEX and chlorides, but above the 100 mg/kg 'pit rule' standard for TPH at 184 mg/kg via USEPA Method 418.1, confirming that a release had occurred. The site was then ranked pursuant to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. The site was ranked a 50 due to a distance of less than 50 feet to groundwater, a distance of less than 1,000 feet to a significant watercourse, and a distance to a water well of less than 1,000 feet. This set the closure standards to 100 mg/kg TPH, 10 mg/kg Benzene and 50 mg/kg total BTEX.

Describe Area Affected and Cleanup Action Taken.

The sample was analyzed for TPH via USEPA Method 8015M, returning results of 36.3 mg/kg. All constituents analyzed returned results below the regulatory standards determined for this site as outlined in the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. No further action is required.

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: 		OIL CONSERVATION DIVISION	
Printed Name: James McDaniel, CHMM #15676		Approved by Environmental Specialist: 	
Title: EHS Supervisor		Approval Date: 6/18/2014	Expiration Date:
E-mail Address: james_mcdaniel@xtoenergy.com		Conditions of Approval:	
Date: 12/26/13	Phone: 505-333-3701	Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary

nJK 1416928984



Analytical Report

Report Summary

Client: XTO Energy Inc.

Chain Of Custody Number: 0024

Samples Received: 10/21/2013 11:30:00AM

Job Number: 98031-0528

Work Order: P310079

Project Name/Location: Hancock Gas Com #1E

Entire Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Tim Cain', is written over a horizontal line.

Date: 10/22/13

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.



XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: Hancock Gas Com #1E
Project Number: 98031-0528
Project Manager: Logan Hixon

Reported:
22-Oct-13 14:45

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BGT Comp	P310079-01A	Soil	10/21/13	10/21/13	Glass Jar, 4 oz.

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Ph (970) 259-0615 Fr (800) 362-1879

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laboratory@envirotech-inc.com



XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: Hancock Gas Com #1E
Project Number: 98031-0528
Project Manager: Logan Hixon

Reported:
22-Oct-13 14:45

BGT Comp
P310079-01 (Solid)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Petroleum Hydrocarbons by 418.1										
Total Petroleum Hydrocarbons	184	19.9	mg/kg	1	1343004	10/21/13	10/21/13	EPA 418.1		

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XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: Hancock Gas Com #1E
Project Number: 98031-0528
Project Manager: Logan Hixon

Reported:
22-Oct-13 14:45

Total Petroleum Hydrocarbons by 418.1 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1343004 - 418 Freon Extraction

Blank (1343004-BLK1)

Prepared & Analyzed: 21-Oct-13

Total Petroleum Hydrocarbons ND 20.0 mg/kg

Duplicate (1343004-DUP1)

Source: P310068-01

Prepared & Analyzed: 21-Oct-13

Total Petroleum Hydrocarbons 676 20.0 mg/kg 656 3.02 30

Matrix Spike (1343004-MS1)

Source: P310068-01

Prepared & Analyzed: 21-Oct-13

Total Petroleum Hydrocarbons 2890 20.0 mg/kg 2000 656 112 80-120

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XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: Hancock Gas Com #1E
Project Number: 98031-0528
Project Manager: Logan Hixon

Reported:
22-Oct-13 14:45

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

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		Quote Number		Page <u>1</u> of <u>1</u>		Analysis <div style="display: flex; justify-content: space-around; height: 100px;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">416.1</div> </div>						Lab Information 98031-0528 Office Abbreviations Farmington = FAR Durango = DUR Bakken = BAK Raton = RAT Piceance = PC Roosevelt = RSV La Barge = LB Orangeville = OV	
		XTO Contact <u>Logan Hixon</u>		XTO Contact Phone # <u>505 386 9018</u>									
		Email Results to: <u>Logan, Kurt, JAMES</u>											
Well Site/Location <u>Hancock Gas Com #1E</u>		API Number <u>30-BUS-75290</u>		Test Reason <u>RG T Closure</u>									
Collected By <u>Logan Hixon</u>		Samples on Ice (Y/N) <u>()</u>		Turnaround <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Next Day <input type="checkbox"/> Two Day <input type="checkbox"/> Three Day <input type="checkbox"/> Std. 5 Bus. Days (by contract)									
Company <u>XTO</u>		QA/QC Requested		Date Needed _____									
Signature <u>Log H</u>		Gray Areas for Lab Use Only!											
Sample ID	Sample Name	Media	Date	Time	Preservative	No. of Conts.							Sample Number
<u>FARLH-1100-102113</u>	<u>RG T comp</u>	<u>S</u>	<u>10/21</u>	<u>1100</u>	<u>COM</u>	<u>1-402</u>							<u>P310079-01</u>
Media : Filter = F Soil = S Wastewater = WW Groundwater = GW Drinking Water = DW Sludge = SG Surface Water = SW Air = A Drill Mud = DM Other = OT													
Relinquished By: (Signature) <u>Log H</u>		Date: <u>10-21-25</u>		Time: <u>11:30</u>		Received By: (Signature)		Number of Bottles		Sample Condition			
Relinquished By: (Signature)		Date:		Time:		Received By: (Signature)		Temperature:		Other Information			
Relinquished By: (Signature)		Date:		Time:		Received for Lab by: (Signature) <u>[Signature]</u>		Date: <u>10/21/25</u>		Time: <u>1130</u>			
Comments													

* Sample ID will be the office and sampler-date-military time FARJM-MMDDYY-1200



Analytical Report

Report Summary

Client: XTO Energy Inc.

Chain Of Custody Number: 0437

Samples Received: 11/5/2013 9:45:00AM

Job Number: 98031-0528

Work Order: P311004

Project Name/Location: Hancock GC #1E

Entire Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Tim Cain', is written over a horizontal line.

Date: 11/7/13

Tim Cain, Laboratory Manager

Supplement to analytical report generated on: 11/7/13 11:06 am

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.



XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: Hancock GC #1E
Project Number: 98031-0528
Project Manager: Kurt Hoekstra

Reported:
07-Nov-13 11:19

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BGT Cellar	P311004-01A	Soil	11/05/13	11/05/13	Glass Jar, 4 oz.

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XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: Hancock GC #1E
Project Number: 98031-0528
Project Manager: Kurt Hoekstra

Reported:
07-Nov-13 11:19

BGT Cellar
P311004-01 (Solid)

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg	1	1345006	11/05/13	11/06/13	EPA 8015D	
Diesel Range Organics (C10-C28)	36.3	30.0	mg/kg	1	1345007	11/05/13	11/05/13	EPA 8015D	
GRO and DRO Combined Fractions	36.2	4.99	mg/kg		[CALC]	11/05/13	11/06/13	EPA 8015D	

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XTO Energy Inc.	Project Name:	Hancock GC #1E	Reported: 07-Nov-13 11:19
382 CR 3100	Project Number:	98031-0528	
Aztec NM, 87410	Project Manager:	Kurt Hoekstra	

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1345006 - Purge and Trap EPA 5030A

Blank (1345006-BLK1)		Prepared: 05-Nov-13 Analyzed: 06-Nov-13								
Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg							
Duplicate (1345006-DUP1)		Source: P311004-01		Prepared: 05-Nov-13 Analyzed: 06-Nov-13						
Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg		ND				30	
Matrix Spike (1345006-MS1)		Source: P311004-01		Prepared: 05-Nov-13 Analyzed: 06-Nov-13						
Gasoline Range Organics (C6-C10)	0.48		mg/L	0.450	0.09	87.8	75-125			

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XTO Energy Inc.	Project Name:	Hancock GC #1E	Reported: 07-Nov-13 11:19
382 CR 3100	Project Number:	98031-0528	
Aztec NM, 87410	Project Manager:	Kurt Hoekstra	

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1345007 - DRO Extraction EPA 3550C										
Blank (1345007-BLK1)				Prepared & Analyzed: 05-Nov-13						
Diesel Range Organics (C10-C28)	ND	30.0	mg/kg							
Duplicate (1345007-DUP1)				Source: P311004-01 Prepared & Analyzed: 05-Nov-13						
Diesel Range Organics (C10-C28)	33.9	29.9	mg/kg		36.3			6.75	30	
Matrix Spike (1345007-MS1)				Source: P311004-01 Prepared & Analyzed: 05-Nov-13						
Diesel Range Organics (C10-C28)	186	31.6	mg/kg	263	36.3	56.8	75-125			SPK1

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XTO Energy Inc.
382 CR 3100
Aztec NM, 87410

Project Name: Hancock GC #1E
Project Number: 98031-0528
Project Manager: Kurt Hoekstra

Reported:
07-Nov-13 11:19

Notes and Definitions

SPK1 The spike recovery for this QC sample is outside of control limits.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

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* Sample ID will be the office and sampler-date-military time FARJM-MMDDYY-1200



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1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Logan Hixon
XTO Energy - San Juan Division
382 County Road 3100
Aztec, NM 87410

Report Summary

Tuesday October 29, 2013

Report Number: L664358

Samples Received: 10/22/13

Client Project:

Description: Hancock Gas Com #1E

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Daphne Richards , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,
FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016,
NC - ENV375/DW21704/BIO041, ND - R-140, NJ - TN002, NJ NELAP - TN002,
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,
TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

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REPORT OF ANALYSIS

October 29, 2013

Logan Hixon
XTO Energy - San Juan Division
382 County Road 3100
Aztec, NM 87410

Date Received : October 22, 2013
Description : Hancock Gas Com #1E
Sample ID : FARLH-1100-102113
Collected By : Logan Hixon
Collection Date : 10/21/13 11:10

ESC Sample # : L664358-01

Site ID :

Project # :

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	32.	12.	mg/kg	9056	10/24/13	1
Total Solids	83.9	0.100	%	2540 G-2011	10/29/13	1
Benzene	BDL	0.0030	mg/kg	8021B	10/23/13	5
Toluene	BDL	0.030	mg/kg	8021B	10/23/13	5
Ethylbenzene	BDL	0.0030	mg/kg	8021B	10/23/13	5
Total Xylene	BDL	0.0089	mg/kg	8021B	10/23/13	5
Surrogate Recovery(%)						
a,a,a-Trifluorotoluene(PID)	100.		% Rec.	8021B	10/23/13	5

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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The reported analytical results relate only to the sample submitted

Reported: 10/29/13 11:40 Printed: 10/29/13 11:40

Summary of Remarks For Samples Printed
10/29/13 at 11:40:18

TSR Signing Reports: 288
R5 - Desired TAT

Domestic Water Well Sampling-see L609759 Lobato for tests EDD's on ALL projects email James,
Kurt and Logan all reports

Sample: L664358-01 Account: XTORNM Received: 10/22/13 09:00 Due Date: 10/29/13 00:00 RPT Date: 10/29/13 11:40



YOUR LAB OF CHOICE

XTO Energy - San Juan Division
Logan Hixon
382 County Road 3100

Aztec, NM 87410

Quality Assurance Report
Level II

L664358

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(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

October 29, 2013

Analyte	Result	Laboratory Blank Units	% Rec	Limit	Batch	Date Analyzed
Benzene	< .0005	mg/kg			WG688524	10/23/13 14:04
Ethylbenzene	< .0005	mg/kg			WG688524	10/23/13 14:04
Toluene	< .005	mg/kg			WG688524	10/23/13 14:04
Total Xylene	< .0015	mg/kg			WG688524	10/23/13 14:04
a,a,a-Trifluorotoluene (PID)		% Rec.	101.0	54-144	WG688524	10/23/13 14:04
Chloride	< 10	mg/kg			WG688480	10/23/13 16:53
Total Solids	< .1	%			WG689322	10/29/13 10:14

Analyte	Units	Result	Duplicate Duplicate	RPD	Limit	Ref Samp	Batch
Chloride	mg/kg	78.0	92.0	16.5	20	L664398-03	WG688480
Total Solids	%	99.9	99.9	0.00515	5	L664169-01	WG689322

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Benzene	mg/kg	.05	0.0463	92.6	70-130	WG688524
Ethylbenzene	mg/kg	.05	0.0467	93.4	70-130	WG688524
Toluene	mg/kg	.05	0.0459	91.8	70-130	WG688524
Total Xylene	mg/kg	.15	0.141	94.2	70-130	WG688524
a,a,a-Trifluorotoluene (PID)				100.0	54-144	WG688524
Chloride	mg/kg	200	181.	90.5	80-120	WG688480
Total Solids	%	50	50.0	100.	85-115	WG689322

Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch
Benzene	mg/kg	0.0422	0.0463	84.0	70-130	9.25	20	WG688524
Ethylbenzene	mg/kg	0.0431	0.0467	86.0	70-130	7.94	20	WG688524
Toluene	mg/kg	0.0421	0.0459	84.0	70-130	8.74	20	WG688524
Total Xylene	mg/kg	0.131	0.141	87.0	70-130	7.65	20	WG688524
a,a,a-Trifluorotoluene (PID)				99.20	54-144			WG688524
Chloride	mg/kg	179.	181.	90.0	80-120	1.11	20	WG688480

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Benzene	mg/kg	0.228	0.000254	.05	91.0	49.7-127	L664309-01	WG688524
Ethylbenzene	mg/kg	0.220	0.000360	.05	88.0	40.8-141	L664309-01	WG688524
Toluene	mg/kg	0.224	0.000742	.05	89.0	49.8-132	L664309-01	WG688524
Total Xylene	mg/kg	0.664	0.00200	.15	88.0	41.2-140	L664309-01	WG688524
a,a,a-Trifluorotoluene (PID)					99.80	54-144		WG688524

Chloride	mg/kg	2120	1700	500	84.0	80-120	L664398-01	WG688480
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* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



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YOUR LAB OF CHOICE

XTO Energy - San Juan Division
Logan Hixon
382 County Road 3100

Quality Assurance Report
Level II

Aztec, NM 87410

L664358

October 29, 2013

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
Benzene	mg/kg	0.240	0.228	95.9	49.7-127	5.31	23.5	L664309-01	WG688524
Ethylbenzene	mg/kg	0.233	0.220	93.2	40.8-141	5.73	23.8	L664309-01	WG688524
Toluene	mg/kg	0.235	0.224	93.8	49.8-132	4.83	23.5	L664309-01	WG688524
Total Xylene	mg/kg	0.702	0.664	93.3	41.2-140	5.57	23.7	L664309-01	WG688524
a,a,a-Trifluorotoluene(PID)				99.70	54-144				WG688524
Chloride	mg/kg	2110	2120	82.0	80-120	0.473	20	L664398-01	WG688480

Batch number /Run number / Sample number cross reference

WG688524: R2844419: L664358-01
WG688480: R2844640: L664358-01
WG689322: R2846420: L664358-01

* * Calculations are performed prior to rounding of reported values.
* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



YOUR LAB OF CHOICE

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October 29, 2013

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

