

Commonwealth of Massachusetts Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

Western Regional Office • 436 Dwight Street, Springfield MA 01103 • 413-784-1100

Charles D. Baker Governor

Karyn E. Polito Lieutenant Governor Matthew A. Beaton Secretary

> Martin Suuberg Commissioner

May 23, 2017

Mayor Brian P. Sullivan 59 Court Street - Room 202 Westfield, MA 01085

RE:

MassDEP Private Well Sampling- PFCs

RTN: 1-20093

Dear Mayor Sullivan,

In a collaborative effort to work with both the City of Westfield and the Barnes Air National Guard, MassDEP has implemented a phased approach to investigate whether private wells have been affected by a release of perflourinated chemicals (PFCs) to the groundwater. The initial Phase will include the sampling of twenty-five private wells. To date, we have sampled twenty-two private wells and are waiting for at least three additional signed access agreement letters to be returned to MassDEP so sampling can be scheduled for the remaining sites. Below are the laboratory results of the first eight private well samples:

Address	Date Sampled	Laboratory Result
23 Deveno Lane	4/28/2017	ND = Non Detect
95 Old Holyoke Road	4/28/2017	ND = Non Detect
20 Ridge Trail Road	4/28/2017	ND = Non Detect
1524 East Mountain Road	4/28/2017	ND = Non Detect
2050 East Mountain Road	4/28/2017	ND = Non Detect
34 Lewis Road	4/28/2017	ND = Non Detect
1850 East Mountain Road	4/28/2017	ND = Non Detect
1749 East Mountain Road	4/28/2017	ND = Non Detect

The sampling results indicate PFCs were not detected above the laboratory reporting level, which is 17 parts per trillion (ppt). The EPA Lifetime Health Advisory Level is 70 ppt. The private well owners have been notified of the results prior the issuance of this letter and have been mailed copies of their laboratory results. MassDEP is continuing to sample private wells and will keep the City, its citizens and Barnes Air National Guard Base apprised of the results as we receive them.

This information is available in alternate format. Contact Michelle Waters-Ekanem, Director of Diversity/Civil Rights at 617-292-5751.

TTY# MassRelay Service 1-800-439-2370

MassDEP Website: www.mass.gov/dep

If you have any questions regarding this letter please contact me at (413) 755-2213 or Eva Tor at 413-755-2295.

Sincerely,

Michael Gorski Regional Director

Ecc: Barnes ANG - Colonel James Suhr

John Richardson

Barnes Aquifer Protection Committee - Patty Gambarini

Westfield DPW - David Billips

Westfield Health Department - Joseph Rouse

Massachusetts Department of Public Health – Dr. Marc Nascarella



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> Martin Suuberg Commissioner

May 23, 2017

Ms. Patricia O'Connor 1749 East Mountain Road Westfield, MA 01085

Re:

Notice of Environmental Sampling Westfield Private Well Sampling Barnes Air National Guard Base Westfield, RTN 1-20093

Dear Ms. O'Connor:

The Department of Environmental Protection collected a drinking water sample from your private well on April 28, 2017. The purpose of the sampling was to investigate whether your well has been affected by a release of perfluorinated compounds (PFCs) to local groundwater. The sample was sent to a certified laboratory and analyzed for PFCs compounds by modified United States Protection Agency (EPA) Method 317.1. **The sampling results indicate PFCs compounds were not detected above the laboratory reporting level (RL) of 16 parts per trillion (ppt).** The EPA Health Advisory Level is 70 ppt. This health advisory level offers a margin of protection for all Americans throughout their life from adverse health effects resulting from exposure to PFCs in drinking water. Based on the absence of detectable PFC compounds in the sample collected from your well, no further action, including additional sampling and/or mitigation measures (i.e. bottled water) are required at this time. The Department thanks you for granting access to your property.

If you have any questions pertaining to this Notice of Environmental Sampling or with the information contained within, please feel free to contact David Bachand at (413) 755-2221 or Cynthia Pawloski at (413) 755-2247.

Sincerely,

Eva Tor

Deputy Regional Director Bureau of Waste Site Cleanup

¹ Fact Sheet PFOA & PFOS Drinking Water Health Advisories. EPA, EPA 800 F-16-003, June 2016

Notice of Environmental Sampling 1749 East Mountain Road Westfield, RTN 1-20093 May 23, 2017 Page 2 of 2

Attachments: Notice of Environmental Sampling (BWSC-123)

Laboratory Report

ec w/all NOES Letters and Lab Reports:

Mayor, City of Westfield Barnes ANG-John Richardson

Barnes Aquifer Protection Committee

Westfield DPW – David Billips Westfield Health Department

Dr. Marc A. Nascarella, Ph.D/DPH

cc: Denise Andler, DEP WERO

Data Entry: FOLOFF, FOLFLD

Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to: Release Tracking Number

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A.	The address of the disposal site related to	this Notice	and Release Tracking Number (provided above):
1.	Street Address: 175 Falcon Drive		<u> </u>
	City/Town: Westfield	Zip Code:	01085
В.	This notice is being provided to the follow	ing party:	
1.	Name: Patricia O'Connor		<u> </u>
2.	Street Address: 1749 East Mountain Road		
		Zip Code:	01085
	City/Town: Westfield	Zip Code.	01000
C.	This notice is being given to inform its red	ipient (the	party listed in Section B):
	1. That environmental sampling will be/h	as been con	ducted at property owned by the recipient of this notice.
	✓ 2. Of the results of environmental sample	ing conducte	ed at property owned by the recipient of this notice.
		_	ched. (If item 2. above is checked, the analytical results from
	the environmental sampling must be atta		
<u> </u>	Location of the property where the environ		onling will be/has been conducted:
	Street Address: 1749 East Mountain Road	micilai san	inpling will be mad been considered.
٠.		Zip Code:	01085
		•	
2.	MCP phase of work during which the samplin		e III Feasibility Evaluation
	✓ Immediate Response Action☐ Release Abatement Measure	Phas	e IV Remedy Implementation Plan
	☐ Utility-related Abatement Measure ☐ Phase I Initial Site Investigation		e V/Remedy Operation Status Temporary Solution Operation, Maintenance and Monitoring
	Phase II Comprehensive Site Assessment		r
^		o/hoo hoon ((specify)
ა.	Description of property where sampling will b residential commercial	emas been (industrial	school/playground Other
	Greenwal Germinered	maasma	(specify)
4.	Description of the sampling locations and typ ne of this notice.	es (e.g., soil	, groundwater, indoor air, soil gas) to the extent known at the
		om the pri	vate well located on the above-referenced
	roperty and analyzed for PFAS compo		
E.	Contact information related to the party pro	oviding this	notice:
	ontact Name: Department of Environmmenta	I Protection	
	reet Address: 436 Dwight Street		
	ity/Town: Springfield	Zip Code:	
Τe	elephone: <u>(413)</u> 755-2221	Email: D	avid.bachand.jr@state.ma.us



Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to: Release Tracking Number

1 -

20093

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in Section E on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the Release Tracking Number listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Revised: 5/30/2014 Page 2 of 2



ACCUTEST New England

05/17/17

SGS ACCUTEST IS PART OF SGS, THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY.

SGS

e-Hardcopy 2.0
Automated Report





Technical Report for

ATC Group Services LLC.

1749 East Mountain Road, Westfield, MA

183EM00170

SGS Accutest Job Number: MC50276

Sampling Date: 04/28/17

Report to:

ATC Group Services LLC. 73 Williams Franks Drive West Springfield, MA 01089 rob.smith@atcassociates.com

ATTN: Rob Smith

Total number of pages in report: 19



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

H. (Brad) Madadian Lab Director

Client Service contact: Jeremy Vienneau 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) FL (E87579) NJ (MA926) PA (6801121) LA (AII71119) ND (R-188) NC (653) IL (002337) WI (399080220) DoD ELAP (L-A-B L2235)

This report shall not be reproduced, except in its entirety, without the written approval of SGS Accutest. Test results relate only to samples analyzed.

New England • 50 D'Angelo Drive • Building 1 • Marlborough, MA 01752 • tel: 508-481-6200 • fax: 508-481-7753 • http://www.accutest.com

SGS Accutest is the sole authority for authorizing edits or modifications to this document. Unauthorized modification of this report is strictly prohibited. Review standard terms at: http://www.sgs.com/en/terms-and-conditions





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Sample Summary

ATC Group Services LLC.

Job No:

MC50276

1749 East Mountain Road, Westfield, MA Project No: 183EM00170

Sample Number	Collected Date	Time By	Received	Matri Code		Client Sample ID
MC50276-2	2 04/28/17	15:30 JB	05/01/17	DW	Drinking Water	1749 EAST MT-1

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: ATC Group Services LLC. Job No MC50276

 Site:
 1749 East Mountain Road, Westfield, MA
 Report Date
 5/17/2017 6:41:14 PM

1 Sample(s) was collected on 04/28/2017 and were received at SGS Accutest New England on 05/01/2017 properly preserved, at 3.4 Deg. C and intact. These Samples received a job number of MC50276. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Extractables by GCMS By Method EPA 537

Matrix: DW Batch ID: F:OP65024

MC50276-2: Analysis performed at SGS Accutest, Orlando FL.

Batch OP64924: MC50276-2: Confirmation run.

SGS Accutest New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety. The Laboratory Director for SGS Accutest New England or assignee as verified by the signature on the cover page has authorized the release of this report(MC50276).



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SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:

SGS Accutest New England

Job No:

MC50276

Site:

ATCMAS: 1749 East Mountain Road, Westfield, MA

Report Date: 5/17/2017 5:35:41 PM

1 Sample(s) were collected on 04/28/2017 and were received at SGS Accutest Southeast (SASE) on 05/03/2017 properly preserved, at 3 Deg. C and intact. These Samples received an SASE job number of MC50276. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Extractables by GCMS By Method EPA 537

Matrix: DW

Batch ID: OP65024

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) MC50276-2 have surrogates outside control limits. Probable cause is due to matrix interference.

MC50276-2 for d5-NEtFOSAA: Outside control limits. MC50276-2 for 13C2-PFHxA: Outside control limits.

MC50276-2 for 13C2-PFDA: Outside control limits.

BE-A-1-- DV

Batch ID: OP64924

Matrix: DW Ba

MC50276-2 for 13C2-PFHxA: Associated BS recovery outside control limits.

MC50276-2 for 13C2-PFHxA: Associated BS recovery outside control limits.

MC50276-2; Confirmation run. MC50276-2; Confirmation run.

SGS Accutest (SASE) certifies that this report meets the project requirements for analytical data produced for the samples as received at SASE and as stated on the COC. SASE certifies that the data meets the Data Quality Objectives for precision, accuracy and completeness as specified in the SASE Quality Manual except as noted above. This report is to be used in its entirety. SASE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:								
Kim Benham, Client Services (signature on file)								

Wednesday, May 17, 2017

Date May 17, 2017

Page 1 of 1

Summary of Hits
Job Number: MC50276

. 6

Account:

ATC Group Services LLC.

Project:

1749 East Mountain Road, Westfield, MA

Collected:

04/28/17

Lab Sample ID Client Sample ID Result/
Analyte Qual RL MDL Units Method

MC50276-2

1749 EAST MT-1

No hits reported in this sample.

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Page 1 of 1



ACCUTEST New England

Section 4

Report of Analysis		
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Project:

Report of Analysis

Client Sample ID: 1749 EAST MT-1 Lab Sample ID: MC50276-2

Matrix: DW - Drinking Water Method: EPA 537 EPA 537

1749 East Mountain Road, Westfield, MA

Date Sampled: 04/28/17 Date Received: 05/01/17

Percent Solids: n/a

	File ID	DF	Analyzed	Ву	Prep Date	Prep Batch	Analytical Batch
Run #1 a	2Q1262.D	1	05/15/17	AFL	05/12/17	F:OP65024	F:S2Q36
Run #2 b	2Q1097.D	1	05/08/17	AFL	05/05/17	F:OP64924	F:S2Q31
Run #3 b	2Q1129.D	1	05/09/17	AFL	05/05/17	F:OP64924	F:S2Q32

	Initial Volume	Final Volume	
Run #1	125 ml	1.0 ml	
Run #2	120 ml	1.0 ml	
Run #3	120 ml	1.0 ml	

Perfluorinated Alkyl Acids

CAS No.	Compound	Result	MCL	RL	Units	Q
307-24-4	Perfluorohexanoic acid	ND	1	0.016	ug/l	
375-85-9	Perfluoroheptanoic acid	ND		0.016	ug/l	
335-67-1	Perfluorooctanoic acid	ND		0.016	ug/l	
375-95-1	Perfluorononanoic acid	ND		0.016	ug/l	
335-76-2	Perfluorodecanoic acid	ND		0.016	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	ŧ.	0.016	ug/l	
307-55-1	Perfluorododecanoic acid	ND		0.016	ug/I	
72629-94-8	Perfluorotridecanoic acid	ND		0.016	ug/I	
376-06-7	Perfluorotetradecanoic acid	ND	v.	0.016	ug/l	
375-73-5	Perfluorobutanesulfonic acid	ND		0.016	ug/l	
355-46-4	Perfluorohexanesulfonic acid	ND		0.016	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	ND	:	0.016	ug/l	
2355-31-9	MeFOSAA	ND		0.040	ug/l	
2991-50-6	EtFOSAA	ND		0.040	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run#	2 Ru	n# 3	Limits
	13C2-PFHxA	53% d	93% ^c	939	% с	70-130%
	13C2-PFDA	59% d	95%	899	%	70-130%
	d5-EtFOSAA	56% d	90%	869	%	70-130%

- (a) Analysis performed at SGS Accutest, Orlando FL.
- (b) Confirmation run. Analysis performed at SGS Accutest, Orlando FL.
- (c) Associated BS recovery outside control limits.
- (d) Outside control limits.

ND = Not detected

MCL = Maximum Contamination Level (40 CFR 141)

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



ACCUTEST New England

Section 5

Misc. Forms
Custody Documents and Other Forms
Includes the following where applicable:
Chain of Custody

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SGS ACCU

CHAIN OF CUSTODY

PREM

PAGE ___OF ___

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2 1749 EAST MT-1			530 5	•	6	3 7	VI.		П	X	Х										
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MC50276: Chain of Custody

Page 1 of 2

SGS Accutest NE Sample Receipt Summary

Job Number: MC502	276 Client: ATC		Project: 1749 EAST MOUNTAIN	RD
Date / Time Received: 5/1/20	17 5:35:00 PM Deliver	y Method: SGS COURIER	Airbill #'s:	
Cooler Temps (Initial/Adjusted)	: #1; (3.9/3.4); #2; (3.8/3,3);	_		
Cooler Security 1. Custody Seals Present: 2. Custody Seals Intact: Cooler Temperature 1. Temp criteria achieved: 2. Thermometer iD: 3. Cooler media: 4. No. Coolers: Quality Control Preservation 1. Trip Blank present / cooler: 2. Trip Blank listed on COC: 3. Samples preserved properly: 4. VOCs headspace free:	3, COC Present: 3, COC Present: 4, Smpl Dates/Time Of Y or N RGUN1: Ice (Bag) 2 Y or N N/A V O N N/A V O N N/A V O N N/A	1. Sample labels 2. Container labels 3. Sample contain Sample Integri 1. Sample recvd 2. All containers 3. Condition of si Sample Integri 1. Analysis requi 2. Bottles receiv 3. Sufficient volu 4. Compositing	iner label / COC agree: ity - Condition yithin HT: accounted for: ample: ity - Instructions yed for unspecified tests ume recvd for analysis: instructions clear:	or N. N/A
Comments		5. Fillering instr	uctions clear:	

MC50276: Chain of Custody Page 2 of 2



ACCUTEST

New England

Section 6

ustody D	ocuments and Other	Forms
SGS Accute	st Southeast)	
SGS Accute	st Southeast)	

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	Std. 10 Business Days	Approved By (SGS	Accutest PM); / Date	:	1 —		;ie) "A" {L ;ie] "B" [i.		-			nyasi Nyasi				Parties.	cistics	FE3.65		1					
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MC50276: Chain of Custody Page 1 of 3 SGS Accutest Southeast

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SGS ACCUTEST - ORLANDO	SAMPLE RECEIPT CONFIRMATION
SGS ACCUTEST'S JOB NUMBER: MC50276 CLIENT:	ALNE PROJECT: 1749 East Mountain Rd.
DATE/TIME RECEIVED: 05/03/17 930 {MM/DD/YY 24	NUMBER OF COOLERS RECEIVED:
METHOD OF DELIVERY: FEDEX UPS ACCUTEST	
AIRBILL NUMBERS: 7273 75/6 1831	,
<u>COOLER INFORMATION</u>	TEMPERATURE INFORMATION
CUSTODY SEAL NOT PRESENT OR NOT INTACT	IR THERM ID / CORR. FACTOR +0.4
CHAIN OF CUSTODY NOT RECEIVED (COC)	OBSERVED TEMPS: 2. Ψ
ANALYSIS REQUESTED IS UNCLEAR OR MISSING	CORRECTED TEMPS: 3.0 (USED FOR LIMS)
SAMPLE DATES OR TIMES UNCLEAR OR MISSING	SAMPLE INFORMATION
TEMPERATURE CRITERIA NOT MET	INCORRECT NUMBER OF CONTAINERS USED
TDID DI ANICINEODICATION	SAMPLE RECEIVED IMPROPERLY PRESERVED
TRIP BLANK INFORMATION	INSUFFICIENT VOLUME FOR ANALYSIS
TRIP BLANK PROVIDED	DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL
TRIP BLANK NOT PROVIDED	ID'S ON COC DO NOT MATCH LABEL
TRIP BLANK NOT ON COC	VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
TRIP BLANK INTACT	BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
TRIP BLANK NOT INTACT	NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
RECEIVED WATER TRIP BLANK	UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
RECEIVED SOIL TRIP BLANK	SAMPLE CONTAINER(S) RECEIVED BROKEN
MEG THEODy COM	5035 FIELD KITS NOT RECEIVED WITHIN 48 HOURS
MISC. INFORMATION	BULK YOA SOIL JARS NOT RECEIVED WITHIN 48 HOURS
NUMBER OF ENCORES ? 25-GRAM 5-GRAM	% SOLIDS JAR NOT RECEIVED
NUMBER OF 5035 FIELD KITS ?	RESIDUAL CHLORINE PRESENT LOT#
NUMBER OF LAB FILTERED METALS ?	(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)
TEST STRIP LOT#s pH 0-3 230315 pH 10-12	219813A OTHER (specify)
SUMMARY OF COMMENTS:	
•	
	,
TECHNICIAN SIGNATURE/DATE / 05/03/17 REVI	EWER SIGNATURE/DATE & OS-03-17
	rmation 020116.xls
· · · · · · · · · · · · · · · · · · ·	

MC50276: Chain of Custody

Page 2 of 3



MC50276: Chain of Custody Page 3 of 3



New England

Section 7

QC Data Summaries (SGS Accutest Southeast)	GC/MS Semi-volatiles	
	QC Data Summaries	
Includes the following where applicable:	Includes the following where applicable:	

- Blank Spike Summaries
 Matrix Spike and Duplicate Summaries
 Surrogate Recovery Summaries



Method Blank Summary Job Number: MC50276

Account:

ALNE SGS Accutest New England

Project:

ATCMAS: 1749 East Mountain Road, Westfield, MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP65024-MB	2Q1258.D	1	05/15/17	NAF	05/12/17	OP65024	S2Q36
		-					

The QC reported here applies to the following samples:

Method: EPA 537 MOD

MC50276-2

CAS No.	Compound	Result	RL	Units	Q
307-24-4	Perfluorohexanoic acid	ND	0.015	ug/l	
375-85-9	Perfluoroheptanoic acid	ND	0.015	ug/l	
335-67-1	Perfluorooctanoic acid	ND	0.015	ug/l	
375-95-1	Perfluorononanoic acid	ND	0.015	ug/l	
335-76-2	Perfluorodecanoic acid	ND	0.015	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	0.015	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.015	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.015	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.015	ug/l	
375-73-5	Perfluorobutanesulfonic acid	ND	0.015	ug/l	
355-46-4	Perfluorohexanesulfonic acid	ND	0.015	_	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.015	ug/l	
2355-31-9	MeFOSAA	0.0191	0.038	ug/l	J
2991-50-6	EtFOSAA	0.0222	0.038	ug/l	J
CAS No.	Surrogate Recoveries		Limits	3	
	13C2-PFHxA	66%	61-134	1%	
	13C2-PFDA	92%	62-128		
	d5-EtFOSAA	77%	57-135		

Account:

ALNE SGS Accutest New England

Project:

ATCMAS: 1749 East Mountain Road, Westfield, MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP65024-BS ^a	2Q1257.D	1	05/15/17	NAF	05/12/17	OP65024	S2Q36

57-135%

The QC reported here applies to the following samples:

Method: EPA 537 MOD

MC50276-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
307-24-4	Perfluorohexanoic acid	0.154	0.146	95	63-146
375-85-9	Perfluoroheptanoic acid	0.154	0.156	101	71-138
335-67-1	Perfluorooctanoic acid	0.154	0.161	105	74-137
375-95-1	Perfluorononanoic acid	0.154	0.161	105	76-140
335-76-2	Perfluorodecanoic acid	0.154	0.157	102	65-148
2058-94-8	Perfluoroundecanoic acid	0.154	0.154	100	57-138
307-55-1	Perfluorododecanoic acid	0.154	0.119	77	58-118
72629-94-8	Perfluorotridecanoic acid	0.154	0.108	70	52-120
376-06-7	Perfluorotetradecanoic acid	0.154	0.109	71	49-122
375-73-5	Perfluorobutanesulfonic acid	0.154	0.184	120	73-148
355-46-4	Perfluorohexanesulfonic acid	0.154	0.204	133	74-142
1763-23-1	Perfluorooctanesulfonic acid	0.154	0.172	112	70-134
2355-31-9	MeFOSAA	0.154	0.160	104	57-128
2991-50-6	EtFOSAA	0.154	0.137	89	55-135
		•			
CAS No.	Surrogate Recoveries	BSP	Lim	its	
	13C2-PFHxA	88%	61-1	34%	
	13C2-PFDA	104%	62-1	28%	

⁽a) Insufficient sample for MS/MSD.

d5-EtFOSAA

^{* =} Outside of Control Limits.

Semivolatile Surrogate Recovery Summary

Page 1 of 1

Job Number: Account:

MC50276

ALNE SGS Accutest New England

Project:

ATCMAS: 1749 East Mountain Road, Westfield, MA

Method: EPA 537

Matrix: DW

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 S2	S 3
MC50276-2	2Q1129.D	93 a 89	86
MC50276-2	2Q1097.D	93 a 95	90
MC50276-2	2Q1262.D	53* b 59* b	56* b

Surrogate Compounds Recovery Limits

S1 = 13C2-PFHxA 70-130% S2 = 13C2-PFDA 70-130% S3 = d5-EtFOSAA 70-130%

(a) Associated BS recovery outside control limits.

(b) Outside control limits.

3.1 7



Commonwealth of Massachusetts Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

Western Regional Office • 436 Dwight Street, Springfield MA 01103 • 413-784-1100

Charles D. Baker Governor

Karyn E. Polito Lieutenant Governor Matthew A. Beaton Secretary

> Martin Suuberg Commissioner

May 23, 2017

Ms. Maria Perez 1524 East Mountain Road Westfield, MA 01085

Re:

Notice of Environmental Sampling Westfield Private Well Sampling Barnes Air National Guard Base Westfield, RTN 1-20093

Dear Ms. Perez:

The Department of Environmental Protection collected a drinking water sample from your private well on April 28, 2017. The purpose of the sampling was to investigate whether your well has been affected by a release of perfluorinated compounds (PFCs) to local groundwater. The sample was sent to a certified laboratory and analyzed for PFC compounds by modified United States Protection Agency (EPA) Method 317.1. **The sampling results indicate PFC compounds were not detected above the laboratory reporting level (RL) of 17 parts per trillion (ppt).** The EPA Health Advisory Level is 70 ppt. This health advisory level offers a margin of protection for all Americans throughout their life from adverse health effects resulting from exposure to PFCs in drinking water. Based on the absence of detectable PFC compounds in the sample collected from your well, no further action, including additional sampling and/or mitigation measures (i.e. bottled water) are required at this time. The Department thanks you for granting access to your property.

If you have any questions pertaining to this Notice of Environmental Sampling or with the information contained within, please feel free to contact David Bachand at (413) 755-2221 or Cynthia Pawloski at (413) 755-2247.

Sincerely,

Eva Tor

Deputy Regional Director Bureau of Waste Site Cleanup

V.Tp

¹ Fact Sheet PFOA & PFOS Drinking Water Health Advisories. EPA, EPA 800 F-16-003, June 2016

Notice of Environmental Sampling 1524 East Mountain Road Westfield, RTN 1-20093 May 23, 2017 Page 2 of 2

Attachments: Notice of Environmental Sampling (BWSC-123)

Laboratory Report

ec w/all NOES Letters and Lab Reports:

Mayor, City of Westfield Barnes ANG-John Richardson

Barnes Aquifer Protection Committee

Westfield DPW – David Billips Westfield Health Department

Dr. Marc A. Nascarella, Ph.D/DPH

cc:

Denise Andler, DEP WERO Data Entry: FOLOFF, FOLFLD

Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to: Release Tracking Number

1	-	20093

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

Α.	The address of the disposal site related to	this Notice	and Release Tracking No	umber (provided above):
1.	Street Address: 175 Falcon Drive			
	City/Town; Westfield	Zip Code:	01085	
В.	This notice is being provided to the follow	ing party:		
1.	Name: Maria Perez			
2.	Street Address: 1524 East Mountain Road			
		Zip Code:	01085	
C.	This notice is being given to inform its rec	ipient (the p	party listed in Section B):	1
	1. That environmental sampling will be/h	as been con	ducted at property owned i	by the recipient of this notice.
	✓ 2. Of the results of environmental sampli	ina conducte	d at property owned by the	e recipient of this notice.
		_		
	✓ 3. Check to indicate if the analytical results the environmental sampling must be attached.		,	necked, the analytical results from
	I 4i of the average who are the average		nling will be/bee been a	on desated.
	Location of the property where the enviror Street Address: 1524 East Mountain Road	iinentai San	ipling will berlias been co	onducted.
i.	-		04005	
	City/Town: Westfield	Zip Code:	01085	
2.	MCP phase of work during which the sampling	·		
	 ✓ Immediate Response Action ☐ Release Abatement Measure 		e III Feasibility Evaluation e IV Remedy Implementati	on Plan
	Utility-related Abatement Measure	Phase	e V/Remedy Operation Sta	ntus
	Phase I Initial Site InvestigationPhase II Comprehensive Site Assessment		•	tion, Maintenance and Monitoring
	Filase ii Comprehensive Site Assessment		(specify)	
3.	Description of property where sampling will be	e/has been c	onducted:	
	☑ residentìal ☐commercial ☐	industrial	school/playground	
4	Description of the sampling locations and type	os (o.a. soil	aroundwater indoor air e	(specify)
	ne of this notice.	es (e.g., soii,	groundwater, indoor air, s	on gas) to the extent known at the
Α	drinking water sample was collected fr	om the priv	vate well located on th	e above-referenced
pr	operty and analyzed for PFAS compou	ınds via El	PA Method 537.1.	
E. (Contact information related to the party pro	_	notice:	
	ontact Name: Department of Environmmental	l Protection		
	reet Address: 436 Dwight Street	1.008	2.1122	
	ty/Town: Springfield	Zip Code:	01103	
Te	elephone: (413) 755-2221	Email: Da	ıvid.bachand.jr@state.ma.	us



Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to: Release Tracking Number

1	1		
1	ı		

20093

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Revised: 5/30/2014 Page 2 of 2



ACCUTEST New England

05/15/17

SGS ACCUTEST IS PART OF SGS, THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY.

SGS

e-Hardcopy 2.0
Automated Report





Technical Report for

ATC Group Services LLC.

1524 East Mountain Road, Westfield, MA

183EM00170

SGS Accutest Job Number: MC50272

Sampling Date: 04/28/17

Report to:

ATC Group Services LLC. 73 Williams Franks Drive West Springfield, MA 01089 rob.smith@atcassociates.com

ATTN: Rob Smith

Total number of pages in report: 25



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

H. (Brad) Madadian Lab Director

Client Service contact: Jeremy Vienneau 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) FL (E87579) NJ (MA926) PA (6801121) LA (AI171119) ND (R-188) NC (653) IL (002337) WI (399080220) DoD ELAP (L-A-B L2235)

This report shall not be reproduced, except in its entirety, without the written approval of SGS Accutest. Test results relate only to samples analyzed.

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Sample Summary

ATC Group Services LLC.

Job No:

MC50272

1524 East Mountain Road, Westfield, MA Project No: 183EM00170

Sample Number	Collected Date	Time By		Matrix Code Type	Client Sample ID
MC50272-	2 04/28/17	10:32 IB	05/01/17	AO Ground Water	1524 EAST MT-1

SAMPLE DELIVERY GROUP CASE NARRATIVE



Client: ATC Group Services LLC.

Job No

MC50272

Site:

1524 East Mountain Road, Westfield, MA

Report Date

5/12/2017 2:16:35 PM

1 Sample collected on 04/28/2017 and were received at SGS Accutest New England on 05/01/2017 properly preserved, at 3.4 Deg. C and intact. These Samples received a job number of MC50272. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Extractables by GCMS By Method EPA 537 MOD

Matrix: AQ Batch ID: F:OP64922

MC50272-2: Analysis performed at SGS Accutest, Orlando FL.

SGS Accutest New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety. The Laboratory Director for SGS Accutest New England or assignee as verified by the signature on the cover page has authorized the release of this report(MC50272).

7

-N

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:

SGS Accutest New England

Job No:

MC50272

Site:

ATCMAS: 1524 East Mountain Road, Westfield, MA

Report Date

5/12/2017 1:09:56 PM

1 Sample(s) were collected on 04/28/2017 and were received at SGS Accutest Southeast (SASE) on 05/03/2017 properly preserved, at 3 Deg. C and intact. These Samples received an SASE job number of MC50272. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Extractables by GCMS By Method EPA 537 MOD

Matrix: AO

Batch ID: OP64922

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

SGS Accutest (SASE) certifies that this report meets the project requirements for analytical data produced for the samples as received at SASE and as stated on the COC. SASE certifies that the data meets the Data Quality Objectives for precision, accuracy and completeness as specified in the SASE Quality Manual except as noted above. This report is to be used in its entirety. SASE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:	
Kim Benham, Client Se	rvices (signature on file)

Date May 12, 2017

Page 1 of 1

Friday, May 12, 2017

Summary of Hits
Job Number: MC50272

Account:

ATC Group Services LLC.

Project:

1524 East Mountain Road, Westfield, MA

Collected:

04/28/17

Lab Sample ID Client Sample ID Result/ RL \mathbf{MDL} Units Method Qual

MC50272-2

Analyte

1524 EAST MT-1

No hits reported in this sample.

Page 1 of 1



ACCUTEST New England

Section 4

Sample Results		
Report of Analysis		

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Report of Analysis

Client Sample ID: 1524 EAST MT-1

Lab Sample ID:

MC50272-2

Matrix:

Project:

AQ - Ground Water

Method:

EPA 537 MOD EPA 537 MOD 1524 East Mountain Road, Westfield, MA Date Sampled: Date Received:

04/28/17 05/01/17

Percent Solids: n/a

File ID DF Analyzed Prep Date Analytical Batch Ву Prep Batch Run #1 a 2Q1116.D 05/08/17 05/05/17 1 **AFL** F:OP64922 F:S2Q31

Run #2

Initial Volume

120 ml

Final Volume 1.0 ml

Run #1 Run #2

Perfluorinated Alkyl Acids

CAS No.	Compound	Result	RL	Units Q
307-24-4	Perfluorohexanoic acid	ND	0.017	ug/l
375-85-9	Perfluoroheptanoic acid	ND	0.017	ug/l
335-67-1	Perfluorooctanoic acid	ND	0.017	ug/l
375-95-1	Perfluorononanoic acid	ND	0.017	ug/l
335-76-2	Perfluorodecanoic acid	ND	0.017	ug/l
2058-94-8	Perfluoroundecanoic acid	ND	0.017	ug/l
307-55-1	Perfluorododecanoic acid	ND	0.017	ug/l
72629-94-8	Perfluorotridecanoic acid	ND	0.017	ug/l
376-06-7	Perfluorotetradecanoic acid	ND	0.017	ug/I
375-73-5	Perfluorobutanesulfonic acid	ND	0.017	ug/l
355-46-4	Perfluorohexanesulfonic acid	ND	0.017	ug/l
1763-23-1	Perfluorooctanesulfonic acid	ND	0.017	ug/l
2355-31-9	MeFOSAA	ND	0.042	ug/l
2991-50-6	EtFOSAA	ND	0.042	ug/l
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
	13C2-PFHxA	123%		61-134%
	13C2-PFDA	92%		62-128%
	d5-EtFOSAA	95%		57-135%

⁽a) Analysis performed at SGS Accutest, Orlando FL.

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound





New England

Section 5

Misc. Forms	
Custody Documents and Other Forms	

Includes the following where applicable:

- Chain of CustodyMCP Form

- Sample Tracking ChronicleQC Evaluation: MA MCP Limits



ACCUTEST

SGS Accutest Chain of Custody

SGS ACCUTEST JOB#:

JE W

ACCOLLOS	TEL.	107-125-6700 FAX:	407-425-0707		000	ccutest	Over 4- #	10 L	SKIFF#		
		WWw.Ecculest.co	m		aua P	ccutest	GROTE #		SKIFF #		l
Client / Reporting Information		Project Inform	ation		7	25727	Analyti	cal Inf	ormation	10000	Matrix Codes
Company Name: ATC Grave Schvices	Project Name:	524 Eng	ET MOUNTAN F	2001	Malith	JOVHENNOS/10C					DW - Drinking Water
AGGINESS 73 WILLIAM FRANKS Dr	Street 504	East Mu	INTER ROAD	1	3 1	1 18	.	11			GW - Ground Water
CHAINEST SAITSR'EW State: MA Zip: Olu 89	CHY WASTE	icid	State MA		3	<u> </u>					WW - Water
Project Contact: Rob Smith Rob Sinting ATCASSIA	Project# 10	3 Em 00			0	剩					SW - Surface Water
Phone \$ 413-781-0070 CXT-101	Fex#	JENVO	7170		4	~					SO - Soil SL- Sludge
Samplerta) Name(s) (Printed)	Client Purchase (Order#			Wethor	FI [F			l l		OI - Oil LIQ - Other
Sampler 1: Fix the De W Sampler 2:	I				79 6	4]	Liquid
SGS	COLLECTION	COR	TAINER INFORMATION		€ 7						AIR - Air
Accutest	SAMPLED	FOTAL # ST DF Y MATRIX BOTTLES &	NONE HG HAD HADD HADDA HADDA HADDA	DIWATER	四日	101m2			ļ		
Sample # Field ID / Point of Collection DATE 1 1524 East MT FRLd Blank (1-24-1)	1030 JB	G-LU	X X Z E Y 3		1-31 (3-4	* ++	┪┈╂┈	╫		 	LAB USE ONLY
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Turnaround Time (Business days)		Data Deliver	able information	NASKOSKI	v71501€;	31 (SEXTECTAR		Con	ments /	Remarks	
10 Day (Business) Approved By: / Date		MERCIAL "A" (RE	SULTS ONLY)								
7 Day STANDER TI	T	MERCIAL "B" (RE	SULTS PLUS QC)			Hold	. Fleid	bla	ak m	nd Su	mPre-a
6 Day		T1 (EPA LEVEL 3)									
3 Day RUSH		LT1 (EPA LEVEL 4)) i			R150	Hold	<u>S_</u>	infie-	- For	mPie-a Total AS
2 Day RUSH 1 Day RUSH	☐ EDD	's				110	a Ha	1.		-18/	, [
Other	1					100	it HVI	VIII	<u> 255 7</u>	-100	
Rush T/A Data Available VIA Email or Lablink						ŀ					7
Relignuished by Sampler/Affiliation Date Time: Received By/A	must be document	ed below each tim	e samples change pos			ng courier			4.98 x 127,1		-1011-1010-1010-1010-1010-1010-1010-10
HOCHURE (NZ 438-17 1610 2 5mm)	Ic Restran	TOWN	Relinguished BylA		lu 1	б	Date Time:		teceived B	v/Affiliation	
HAT NO IVC 1481 (160 2 5mm) Relinquished by/Affiliation Date Time: 1775 Received By/Affiliation	ffilation	·	Relinquished By	Milation	(<i>y</i> .	Date Time:	R	eceived By	AMMation	
B 15-167 6 B	۵-						<u> </u>	В			
ab Use Only: Cooler Temperature (et Coleius:									L-	70	-4 29

MC50272: Chain of Custody Page 1 of 2

SGS Accutest NE Sample Receipt Summary

Job Number: MC50	272		Client: AT	С			Project: 1524 EAST MOU	NTAIN RE)	
Date / Time Received: 5/1/20	17 5:	35:00 PN	l De	elivery M	lethod:	se	SS COURIER Airbill #'s:			
Cooler Temps (Initial/Adjusted): <u>#</u> 1	1: (3,9/3,4	1); #2: (3.8	/3.3);						
Cooler Security Y	or N	_			Y or	N	Sample Integrity - Documentation	<u>Y</u>	or N	
1. Custody Seals Present:	V	-	COC Prese		~		Sample labels present on bottles:	✓		
2. Custody Seals Intact:	V	4. Sn	api Dates/Ti	me OK	\mathbf{Z}		Container labeling complete:	\mathbf{Z}		
Cooler Temperature	Y	or N					3. Sample container label / COC agree:	•		
Temp criteria achieved:	✓						Sample Integrity - Condition	<u>Y</u>	or N	
2. Thermometer ID:	I₽	RGUN1;					Sample recvd within HT:	V		
3. Cooler media:	10	ce (Bag)					2. All containers accounted for:	\mathbf{V}		
4. No. Coolers:		2					3. Condition of sample:		ntact	
Quality Control_Preservation	<u> Y</u>	or N	N/A				Sample Integrity - Instructions	<u>Y</u>	or N	N/A
1. Trip Blank present / cooler:		\checkmark					Analysis requested is clear:	~		
Trip Blank listed on COC:		✓					2. Bottles received for unspecified tests		✓	
Samples preserved properly:	¥						3. Sufficient volume recvd for analysis:	V		
4. VOCs headspace free:	\checkmark						Compositing instructions clear;			☑
							5, Filtering Instructions clear:			2
Comments										
					•					
							· ·			

MC50272: Chain of Custody

Page 2 of 2

(J)



Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup

WSC-CAM	Exhibit VII A
July 1, 2010	Revision No. 1
Final	

Exhibit VII A-2: MassDEP Analytical Protocol Certification Form

	MassDEP Analytical Protocol Certification Form										
Laboratory Name:	SGS Accutest- Maril	<u>oorough</u>		Project #:	MC502	272					
Project Location:		Road, Westfield, MA		MADEP RTN	None						
This form provides certifications for the following data set: list Laboratory Sample ID Numbers(s) MC50272-2											
Matrices: Ground	water/Surface Water (X)	Soil/Sediment ()	Drinking Water ()	Air ()			Other	()			
CAM Protocol (check all that apply below):											
8260 VOC ()	7470/7471 Hg ()	MassDEP VPH ()	8081 Pesticides ()	7196 Нех Сг	()		Mass DEP APH	()			
CAM IIA	CAM III B	CAM IV A	CAMVB	CAM VI B			CAM IX A				
8270 SVOC () CAM II B	CAM III C	CAM IV B	8151 Herbicides () CAM V C	CAM VIII A	()		TO-15 VOC CAM IX B	()			
6010 Metals () CAM III A	6020 Metals () CAM III D	8082 PCB () CAM V A	9014 Total () Cyanide/PAC CAM VI A	6860 Perchlorate CAM VIII B	()						
Affirmative Responses to Questions A Through F are required for "Presumptive Certainty status											
Were all samples received in a condition consistent with those described on the Chain-of Custody, A properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?											
Were the analytical method(s) and all associated QC requirements specified in the selected CAM B protocol(s) followed? Yes No											
Were all required co	prective actions and ar					100					
	nted for all identified po report comply with all t				V	Yes	☐ No				
D "Quality Assurance Reporting of Analyti	and Quality Control Gu cal Data"?				7	Yes	☐ No				
	id TO-15 only: .PH Methods only: Wa efer to the individual m					Yes	□No				
b. APH and TO-15 I	Methods only: Was the	complete analyte lis	t reported for each m	nethod?		Yes	□No				
	CAM protocol QC and aboratory narrative (inc				•	Yes	☐ No				
Responses to que	stions G, H, and I belo	w is required for "F	Presumptive Certain	nty" status							
G Were the reporting I selected CAM proto	imits at or below all CA	M reporting limits sp	ecified in the		<u> </u>	Yes	□ No ¹				
Data User Note: D	ata that achieve "Pres ness requirements de	sumptive Certainty"	status may not ned	essarily meet the	data us	seabi	lity				
H Were all QC perform	nance standards speci	fied in the CAM proto	col(s) achieved?		V	Yes	☐ No ¹				
1	ed for the complete ana				V	Yes	☐ No ¹				
All Negative respon	nses must be addres:	sed in an attached l	Environmental Labo	ratory case narra	tive.						
I the undersigned, attest inquiry of those respons analytical report is, to th	sible for obtaining the	information, the m	aterial contained in								
Signature:	-	ge anu vener, accu		boratory Director							
Printed Name:	H. (Brad) Madadian		Date:	12-May-17							

Internal Sample Tracking Chronicle

ATC Group Services LLC.

Job No:

MC50272

1524 East Mountain Road, Westfield, MA Project No: 183EM00170

Sample

Number Method Analyzed

Prepped

Test Codes

MC50272-2 Collected: 28-APR-17 10:32 By: JB

1524 EAST MT-1

MC50272-2 EPA 537 MOD

08-MAY-17 20:15 AFL 05-MAY-17 AFL LC537LIST

Received: 01-MAY-17 By: TF

QC Evaluation: MA MCP Limits
Job Number: MC50272

Page 1 of 1

Account:

ATC Group Services LLC.

Project:

1524 East Mountain Road, Westfield, MA

Collected:

04/28/17

QC Sample ID

CAS#

Analyte

Sample Result Result

Units Limits

Type Type

No Exceptions found.

^{*} Sample used for QC is not from job MC50272



New England

Section 6

Misc. Forms

Custody Documents and Other Forms

(SGS Accutest Southeast)

Includes the following where applicable:

- Chain of Custody Sample Tracking Chronicle

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	Client / Reporting Information			Project					-					+-	Rea	iostori	Anelu	to f es	A TEST	r CODE	- ahaa			20 C M	Matrix Codes
Comp	rty Name:	Project Harrie											-	+-	1	1	Tilety	10 (20	1 :	I	- anee				Media Oddos
SG	3 Accutest		15	24 East Moun	tain Ro	ad, Wes	tfield, M.	٨									1		l .					9	XV - Drinking Water SW - Ground Water
Street 60	Address D'Angalo Driva,	Street	····							···		_		╛					**1			1	- 1	- 1	WW-Water
415	Technology Center West, SLDG One						n (F ditte	rant fr	rom R	eport	10)				1		1			1	1 :		- 1	- '	SO - Soil
City	State ribourough, MA 0175;	Zip City		State	Compar	ry Name "							-	7											SI - Sudge SEO-Sediment
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Phone 50		Fax & Client Purchase	Order #	·	City				State			Ziq	P												SOL - Other Sold WP - Wipe FB-Field Stant
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12	1524 EAST MT-1		4/28/17	10:32:00 AM	! 	AQ	ļ . ·	H	+	Н	^	╁	++	+	1^	-	-	 		├	 				
1 3	1624 EAST MT-2		 				1	₽	+	+	×	+	┡	Х	├	ļ	├			ļ	 				
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		Approved By (SGI	6 Accorded PM): 1 Date		$\overline{\Box}$	Commerc	331 "A" {L						i P Cata	gery A		Shind	ALA GERE	and our			OPECH	31194 (100	UILO I		
	Std. 10 Business flays						248*8* L		,	i	= ,	HYAS	P Cate	gory B			O'AL SE	理器		30					
	5 Day RUSH 1 Day EMERGENCY						Level 3+4	1					Forms												
	2 Day EMERGENCY	·····				NJ Reduc Commerc							Format MAN												
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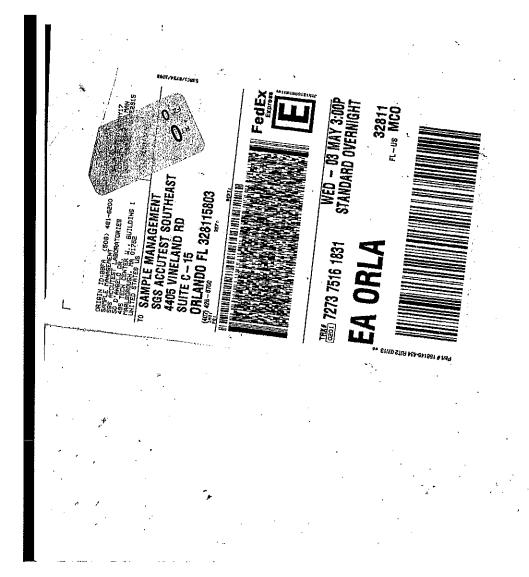
MC50272: Chain of Custody Page 1 of 3 SGS Accutest Southeast

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SGS ACCUTEST - ORLANDO SAMPLE RECEIPT CONFIRMATION	
SGS ACCUTEST'S JOB NUMBER: MC50277 CLIENT: ALNE PROJECT: 1524 East Mountain Ra	[.]
DATE/TIME RECEIVED: 05/03/17 930 [MM/DD/YY 24:00] NUMBER OF COOLERS RECEIVED: 1	_
METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER DELIVERY OTHER:	
AIRBILL NUMBERS: 7273 75/10 1831	<i>f</i> .
COOLER INFORMATION CUSTODY SEAL NOT PRESENT OR NOT INTACT TEMPERATURE INFORMATION IR THERM ID / CORR. FACTOR +0. 4	
CHAIN OF CUSTODY NOT RECEIVED (COC) OBSERVED TEMPS: 2- 4	
ANALYSIS REQUESTED IS UNCLEAR OR MISSING CORRECTED TEMPS: 3.0 (USED FOR LIMS)	
SAMPLE DATES OR TIMES UNCLEAR OR MISSING SAMPLE INFORMATION	
TEMPERATURE CRITERIA NOT MET INCORRECT NUMBER OF CONTAINERS USED	
TRIP BLANK INFORMATION SAMPLE RECEIVED IMPROPERLY PRESERVED INSUFFICIENT VOLUME FOR ANALYSIS	
TRIP BLANK PROVIDED DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL	
TRIP BLANK NOT PROVIDED ID'S ON COC DO NOT MATCH LABEL	
TRIP BLANK NOT ON COC VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)	
TRIP BLANK INTACT BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED	- ~
TRIP BLANK NOT INTACT NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED	
RECEIVED WATER TRIP BLANK UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS	
RECEIVED SOIL TRIP BLANK SAMPLE CONTAINER(S) RECEIVED BROKEN	
5035 FIELD KITS NOT RECEIVED WITHIN 48 HOURS	
MISC. INFORMATION BULK YOA SOIL JARS NOT RECEIVED WITHIN 48 HOURS	
NUMBER OF ENCORES ? 25-GRAM 5-GRAM % SOLIDS JAR NOT RECEIVED	
NUMBER OF 5035 FIELD KITS ? RESDUAL CHLORINE PRESENT LOT#	
NUMBER OF LAB FILTERED METALS? [APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS]	
TEST STRIP LOT#s pH 0-3 230315 pH 10-12 219813A OTHER (specify)	
SUMMARY OF COMMENTS:	_
	-
	-
POVENICY AND STORY AND AND AND AND AND AND AND AND AND AND	
TECHNICIAN SIGNATURE/DATE 105/03/17 REVIEWER SIGNATURE/DATE 105-03-17	
NF 02/16 receipt confirmation 020116.xls	

MC50272: Chain of Custody Page 2 of 3



MC50272: Chain of Custody Page 3 of 3

Internal Sample Tracking Chronicle

SGS Accutest New England

Job No:

MC50272

ATCMAS: 1524 East Mountain Road, Westfield, MA Project No: 183EM00170

Sample

Number Method Analyzed

Ву Prepped Ву

Received: 01-MAY-17 By: JC

Test Codes

MC50272-2 Collected: 28-APR-17 10:32 By; JB

1524 EAST MT-1

MC50272-2 EPA 537 MOD

08-MAY-17 20:15 NAF 05-MAY-17 MB

LC537LIST



ACCUTEST **New England**

Section 7

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
 Internal Standard Area Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC50272

Account:

ALNE SGS Accutest New England

Project:

ATCMAS: 1524 East Mountain Road, Westfield, MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP64922-MB	2Q1105.D	1	05/08/17	NAF	05/05/17	OP64922	S2Q31

The QC reported here applies to the following samples:

Method: EPA 537 MOD

MC50272-2

CAS No.	Compound	Result	RL	Units	Q
307-24-4	Perfluorohexanoic acid	ND	0.015	ug/l	
375-85-9	Perfluoroheptanoic acid	ND	0.015	ug/l	
335-67-1	Perfluorooctanoic acid	ND	0.015	ug/l	
375-95-1	Perfluorononanoic acid	ND	0.015	ug/l	
335-76-2	Perfluorodecanoic acid	ND	0.015	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	0.015	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.015	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.015	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.015	ug/l	
375-73-5	Perfluorobutanesulfonic acid	ND	0.015	ug/l	
355-46-4	Perfluorohexanesulfonic acid	ND	0.015	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.015	ug/l	
2355-31-9	MeFOSAA	0.0199	0.038	ug/l	J
2991-50-6	EtFOSAA	0.0231	0.038	ug/l	J
CAS No.	Surrogate Recoveries		Limits		
	13C2-PFHxA	122%	61-1349	%	
	13C2-PFDA	122%	62-1289	%	
	d5-EtFOSAA	110%	57-1359	%	

Account:

ALNE SGS Accutest New England

Project:

ATCMAS: 1524 East Mountain Road, Westfield, MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP64922-BS	2Q1104.D	1	05/08/17	NAF	05/05/17	OP64922	S2Q31

The QC reported here applies to the following samples:

Method: EPA 537 MOD

MC50272-2

	•	Spike	BSP	BSP	
CAS No.	Compound	ug/I	ug/l	%	Limits
307-24-4	Perfluorohexanoic acid	0.154	0.165	107	63-146
375-85-9	Perfluoroheptanoic acid	0.154	0.166	108	71-138
335-67-1	Perfluorooctanoic acid	0.154	0.160	104	74-137
375-95-1	Perfluorononanoic acid	0.154	0.161	105	76-140
335-76-2	Perfluorodecanoic acid	0.154	0.148	96	65-148
2058-94-8	Perfluoroundecanoic acid	0.154	0.124	81	57-138
307-55-1	Perfluorododecanoic acid	0.154	0.104	68	58-118
72629-94-8	Perfluorotridecanoic acid	0.154	0.0984	64	52-120
376-06-7	Perfluorotetradecanoic acid	0.154	0.105	68	49-122
375-73-5	Perfluorobutanesulfonic acid	0.154	0.164	107	73-148
355-46-4	Perfluorohexanesulfonic acid	0.154	0.173	112	74-142
1763-23-1	Perfluorooctanesulfonic acid	0.154	0.147	96	70-134
2355-31-9	MeFOSAA	0.154	0.154	100	57-128
2991-50-6	EtFOSAA	0.154	0.138	90	55-135
CAS No.	Surrogate Recoveries	BSP	Lim	its	
	13C2-PFHxA	125%	61-1	.34%	
	13C2-PFDA	120%	62-1	.28%	
	d5-EtFOSAA	103%	57-1	.35%	

Page 1 of 1

^{* =} Outside of Control Limits.

Semivolatile Internal Standard Area Summary

Job Number: MC50272

Account:

ALNE SGS Accutest New England

Project:

ATCMAS: 1524 East Mountain Road, Westfield, MA

Check Std:	
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Initial Cal a

Check Std b Upper Limit ^c Lower Limit d S2Q31-CC29

Injection Date: 05/08/17

Lab File ID:

2Q1102.D

Injection Time: 15:38

EPA 537 MOD

Instrument ID: GCMS2Q Method:

IS 1 AREA RT	IS 2 AREA RT	IS 3 AREA RT	IS 4 AREA RT	IS 5 AREA RT	IS 6 AREA RT
69309 4.25	144240 6.71	81852 6.70	51619 7.28	28993 7.46	105323 10.91
103964 5.29	170039 6.75 216360 7.75 72120 5.75	122778 7.74	77429 8.33	43490 8.47	110223 11.26 157985 12.26 52662 10.26

L						
Lab	IS 1	IS 2	IS 3	IS 4	IS 5	IS 6
Sample ID	AREA RT	AREA RT	AREA RT	AREA RT	AREA RT	AREA RT
OP64922-BS	77527 4.29	180626 6.75	91540 6.74	59846 7.31	34361 7.47	115073 11.20
OP64922-MB	73207 4.27	159475 6.75	85988 6.73	56107 7.31	33113 7.47	100042 11.25
MC50256-1	66584 4.27	148591 6.75	78624 6.74	53175 7.33	30291 7.47	99264 11.25
OP64922-MS	69913 4.27	162764 6.75	82741 6.73	54342 7.31	30261 7.47	102759 11.18
OP64922-MSD	71909 4.29	168189 6.75	83660 6.74	56148 7.33	31992 7.47	108082 11.25
ZZZZZZ	68298 4.27	168654 6.75	85597 6.73	59106 7.31	30868 7.47	109720 11.16
ZZZZZZ	73808 4.29	163869 6.75	88092 6.74	58014 7.31	33066 7.47	107232 11.19
ZZZZZZ	71610 4.29	158644 6.75	83744 6.74	56046 7.31	32043 7.47	105410 11.18

^{= 13}C3-PFPeA IS 1

- (a) Initial Cal is: S2Q29-ICC29 2Q1024.D 05/04/17 14:12. Area is AVERAGE of initial cal points.
- (b) Check Std Limit = -50 to +50% of initial cal area.
- (c) Upper Limit = +50% of initial standard area; Retention time +1 minutes of check standard.
- (d) Lower Limit = -50% of initial standard area; Retention time -1 minutes of check standard.

IS 2 = 13C2-6:2FTS

IS 3 = 13C2-PFOA

IS 4 = 13C4-PFOS

⁼ d3-MeFOSAA IS 5

^{= 13}C2-PFDoDA**IS 6**

Semivolatile Internal Standard Area Summary

Job Number: MC50272

Account: ALNE SGS Accutest New England

Project: ATCMAS: 1524 East Mountain Road, Westfield, MA

i	······································		
Check Std:	S2Q31-CC29	Injection Date:	05/08/17
Lab File ID:	2Q1112.D	Injection Time:	18:56
Instrument ID:	GCMS2Q	Method:	EPA 537 MOD

	IS 1 AREA RT	IS 2 AREA F	IS 3 RT AREA	A RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Initial Cal ^a	69309 4.2	5 144240 6	6.71 81852	6.70	51619	7.28	28993	7.46	105323	10.91
Check Std b	75552 4.2	9 176953 6	6.75 90197	6.73	59252	7.31	34095	7.47	114518	11.21
Upper Limit ^c	103964 5.2	9 216360 7	7.75 12277	8 7.73	77429	8.31	43490	8.47	157985	12.21
Lower Limit d	34655 3.2	9 72120 5	5.75 40926	5.73	25810	6.31	14497	6.47	52662	10.21
Lab	IS 1	IS 2	IS 3		IS 4		IS 5		IS 6	
Sample ID	AREA RI	' AREA F	RT AREA	RT	AREA	RT	AREA	RT	AREA	RT
ZZZZZZ	74741 4.2	9 164512 6	6.75 87661	6.74	58459	7.33	33742	7.47	111061	11.21
ZZZZZZ	74186 4.2	7 167160 6	3.75 8869 5	6.73	58044	7.31	33482	7.47	110164	11.18
MC50272-2	76999 4.2	9 172620 6	6.75 92133	6.74	61181	7.33	34440	7.47	117175	11.24
ZZZZZZ	77228 4.2	7 169761 6	6.75 91424	6.73	60463	7.31	34797	7.47	115291	11.24
ZZZZZZ	79518 4.2	9 177132 6	6.75 94052	6.74	62859	7.33	35604	7.47	118294	11.25
S2O31-ECC29	81590 4.2	9 188524 6	6.75 94461	6.74	63505	7.33	35393	7.49	121875	11.25

- IS 1 = 13C3-PFPeA
- IS 2 = 13C2-6:2FTS
- IS 3 = 13C2-PFOA
- IS 4 = 13C4-PFOS
- IS 5 = d3-MeFOSAA
- IS 6 = 13C2-PFDoDA
- (a) Initial Cal is: S2Q29-ICC29 2Q1024.D 05/04/17 14:12. Area is AVERAGE of initial cal points.
- (b) Check Std Limit = -50 to +50% of initial cal area.
- (c) Upper Limit = +50% of initial standard area; Retention time +1 minutes of check standard.
- (d) Lower Limit = -50% of initial standard area; Retention time -1 minutes of check standard.

Semivolatile Surrogate Recovery Summary Job Number: MC50272

Page 1 of 1

ALNE SGS Accutest New England

Account: Project:

ATCMAS: 1524 East Mountain Road, Westfield, MA

Method: EPA 537 MOD

Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC50272-2	2Q1116.D	123	92	95
OP64922-BS	2Q1104.D	125	120	103
OP64922-MB	2Q1105.D	122	122	110

Surrogate Compounds Recovery Limits

S1 = 13C2-PFHxAS2 = 13C2-PFDAS3 = d5-EtFOSAA

61-134% 62-128% 57-135%



Commonwealth of Massachusetts Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

Western Regional Office • 436 Dwight Street, Springfield MA 01103 • 413-784-1100

Charles D. Baker Governor

Karyn E. Polito Lieutenant Governor Matthew A. Beaton Secretary

> Martin Suuberg Commissioner

May 23, 2017

Mrs. May Kay Pelton 34 Lewis Road Westfield, MA 01085

Re:

Notice of Environmental Sampling Westfield Private Well Sampling Barnes Air National Guard Base Westfield, RTN 1-20093

Dear Mrs. Pelton:

The Department of Environmental Protection collected a drinking water sample from your private well on April 28, 2017. The purpose of the sampling was to investigate whether your well has been affected by a release of perfluorinated compounds (PFCs) to local groundwater. The sample was sent to a certified laboratory and analyzed for PFC compounds by modified United States Protection Agency (EPA) Method 317.1. **The sampling results indicate PFC compounds were not detected above the laboratory reporting level (RL) of 16 parts per trillion (ppt).** The EPA Health Advisory Level is 70 ppt. This health advisory level offers a margin of protection for all Americans throughout their life from adverse health effects resulting from exposure to PFCs in drinking water. Based on the absence of detectable PFC compounds in the sample collected from your well, no further action, including additional sampling and/or mitigation measures (i.e. bottled water) are required at this time. The Department thanks you for granting access to your property.

If you have any questions pertaining to this Notice of Environmental Sampling or with the information contained within, please feel free to contact David Bachand at (413) 755-2221 or Cynthia Pawloski at (413) 755-2247.

Sincerely,

Eva Tor

Deputy Regional Director Bureau of Waste Site Cleanup

¹ Fact Sheet PFOA & PFOS Drinking Water Health Advisories. EPA, EPA 800 F-16-003, June 2016

Notice of Environmental Sampling 1749 East Mountain Road Westfield, RTN 1-20093 May 23, 2017 Page 2 of 2

Attachments: Notice of Environmental Sampling (BWSC-123)

Laboratory Report

ec w/all NOES Letters and Lab Reports:

Mayor, City of Westfield Barnes ANG-John Richardson

Barnes Aquifer Protection Committee

Westfield DPW – David Billips
Westfield Health Department
Dr. Marc A. Nascarella, Ph.D/DPH

cc: Denise Andler, DEP WERO

Data Entry: FOLOFF, FOLFLD

Revised: 5/30/2014

Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to: Release Tracking Number

1	20093
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NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan
of the disposal site related to this Notice and Release Tracking Number (

A.	The address of the disposal site related to this Notice and Release Tracking Number (provided above):	
1.	Street Address: 175 Falcon Drive	
	City/Town: Westfield Zip Code: 01085	
В.	This notice is being provided to the following party:	
1.	Name: Mary Kay Pelton	
2.	Street Address: 34 Lewis Road	
	City/Town: Westfield Zip Code: 01085	
C.	This notice is being given to inform its recipient (the party listed in Section B):	
	1. That environmental sampling will be/has been conducted at property owned by the recipient of this notice.	
	2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.	
	3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)	
		_
	Location of the property where the environmental sampling will be/has been conducted:	
1.	Street Address: 34 Lewis Road	
	City/Town: Westfield Zip Code: 01085	
2.	MCP phase of work during which the sampling will be/has been conducted:	
	 ✓ Immediate Response Action ☐ Phase III Feasibility Evaluation ☐ Release Abatement Measure ☐ Phase IV Remedy Implementation Plan 	
	Utility-related Abatement Measure Phase V/Remedy Operation Status	
	☐ Phase I Initial Site Investigation ☐ Post-Temporary Solution Operation, Maintenance and Monitoring ☐ Phase II Comprehensive Site Assessment ☐ Other	
	(specify)	
3.	Description of property where sampling will be/has been conducted:	
	☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other(specify)	
4	Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the	
	me of this notice.	
	drinking water sample was collected from the private well located on the above-referenced	
pr	roperty and analyzed for PFAS compounds via EPA Method 537.1.	
		_
	Contact information related to the party providing this notice:	
	ontact Name: Department of Environmmental Protection	
	reet Address: 436 Dwight Street	
	ity/Town: Springfield Zip Code: 01103 elephone: (413) 755-2221 Email: David.bachand.jr@state.ma.us	
IE	elephone: (413) 755-2221 Email: David.bachand.jr@state.ma.us	



Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to: Release Tracking Number

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20093

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Revised: 5/30/2014 Page 2 of 2



ACCUTEST **New England**

05/49/17

SGS ACCUTEST IS PART OF SGS, THE WORLD'S LEADING INSPECTION. VERIFICATION, TESTING AND CERTIFICATION COMPANY.

e-Hardcopy 2.0 **Automated Report**





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ATC Group Services LLC.

34 Lewis Road, Westfield, MA

183EM0017

SGS Accutest Job Number: MC50277

Sampling Date: 04/28/17

Report to:

andrea.colby@sgs.com

Total number of pages in report: 19



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

(Brad) Madadian Lab Director

Client Service contact: Jeremy Vienneau 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) FL (E87579) NJ (MA926) PA (6801121) LA (AI171119) ND (R-188) NC (653) IL (002337) WI (399080220) DoD ELAP (L-A-B L2235)

This report shall not be reproduced, except in its entirety, without the written approval of SGS Accutest. Test results relate only to samples analyzed.

New England • 50 D'Angelo Drive • Building 1 • Marlborough, MA 01752 • tel: 508-481-6200 • fax: 508-481-7753 • http://www.accutest.com

1 of 19

SGS Accutest is the sole authority for authorizing edits or modifications to this document. Unauthorized modification of this report is strictly prohibited.
Review standard terms at: http://www.sgs.com/en/terms-and-conditions

Sections:

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Semivolatile Surrogate Recovery Summary

Page 1 of 1

Job Number:

S3 = d5-EtFOSAA

MC50277

Account: ALNE SGS Accutest New England

Project:

ATCMAS: 34 Lewis Road, Westfield, MA

Method: EPA 537 Matrix: DW

Samples and QC shown here apply to the above method

Lab	Lab			
Sample ID	File ID	S1	S2	S3
MC50277-2	2Q1130.D	106 a	57* b	35* ^c
MC50277-2	2Q1098.D	102 a	58* b	32* b
MC50277-2	2Q1263.D	70	45* b	42* b
Surrogate		Recove	ery	
Compounds		Limits		
S1 = 13C2-PF	HxA	70-130	%	
S2 = 13C2-PF	DA	70-130		

(a) Associated BS recovery outside control limits.

(b) Outside control limits due to matrix interference. Confirmed by re-extraction and reanalysis.

70-130%

(c) Outside control limits due to matrix interference. Confirmed by re-extraction and reanalysis.le for reextraction.

Sample Summary

ATC Group Services LLC.

Job No:

MC50277

34 Lewis Road, Westfield, MA Project No: 183EM0017

Sample Number	44.56	Time By	Received	Matr Code		Client Sample ID
MC50277-2	2 04/28/17	14:50 JB	05/01/17	DW	Drinking Water	34 LEWIS-1

SAMPLE DELIVERY GROUP CASE NARRATIVE

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Client: ATC Group Services LLC.

Job No

MC50277

Site:

34 Lewis Road, Westfield, MA

Report Date

5/17/2017 6:44:40 PM

1 Sample was collected on 04/28/2017 and were received at SGS Accutest New England on 05/01/2017 properly preserved, at 3.4 Deg. C and intact. These Samples received a job number of MC50277. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Extractables by GCMS By Method EPA 537

Matrix: DW

Batch ID: F:OP65024

MC50277-2: Analysis performed at SGS Accutest, Orlando FL.

Batch OP64924: MC50277-2: Confirmation run.

SGS Accutest New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety. The Laboratory Director for SGS Accutest New England or assignee as verified by the signature on the cover page has authorized the release of this report(MC50277).

Summary of Hits
Job Number: MC50277

Account:

ATC Group Services LLC.

Project:

34 Lewis Road, Westfield, MA

Collected:

04/28/17

Lab Sample ID Client Sample ID Result/ Analyte Qual RLMDL Units Method

MC50277-2

34 LEWIS-1

No hits reported in this sample.

Page 1 of 1

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:

SGS Accutest New England

Job No:

MC50277

Site:

ATCMAS: 34 Lewis Road, Westfield, MA

Report Date: 5/17/2017 6:33:56 PM

1 Sample(s) were collected on 04/28/2017 and were received at SGS Accutest Southeast (SASE) on 05/03/2017 properly preserved, at 3 Deg. C and intact. These Samples received an SASE job number of MC50277. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Extractables by GCMS By Method EPA 537

Matrix: DW

Batch ID: OP64924

MC50277-2 for d5-NEtFOSAA; Outside control limits due to matrix interference. Confirmed by re-extraction and reanalysis.

MC50277-2 for 13C2-PFDA: Outside control limits due to matrix interference. Confirmed by re-extraction and reanalysis.

Sample(s) MC50277-2 have surrogates outside control limits.

MC50277-2: Confirmation run.

MC50277-2: Confirmation run for surrogate recoveries.

MC50277-2 for 13C2-PFHxA: Associated BS recovery outside control limits. MC50277-2 for 13C2-PFHxA: Associated BS recovery outside control limits.

Matrix: DW

Batch ID: OP65024

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

OP65024-BS: Insufficient sample for MS/MSD.

Sample(s) MC50277-2 have surrogates outside control limits.

MC50277-2 for d5-NEtFOSAA: Outside control limits.

MC50277-2 for 13C2-PFDA: Outside control limits.

SGS Accutest (SASE) certifies that this report meets the project requirements for analytical data produced for the samples as received at SASE and as stated on the COC. SASE certifies that the data meets the Data Quality Objectives for precision, accuracy and completeness as specified in the SASE Quality Manual except as noted above. This report is to be used in its entirety. SASE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:

Kim Benham, Client Services (signature on file)

Date May 17, 2017

Wednesday, May 17, 2017

Page 1 of 1





ACCUTEST New England

Section 4

Sample I	Results			
Report of	`Analysi	S		
				÷

Report of Analysis

Client Sample ID: 34 LEWIS-1
Lab Sample ID: MC50277-2
Matrix: DW - Drinking Water
Method: EPA 537 EPA 537

Date Sampled: 04/28/17
Date Received: 05/01/17
Percent Solids: n/a

Project: 34 Lewis Road, Westfield, MA

	File ID	DF	Analyzed	Ву	Prep Date	Prep Batch	Analytical Batch
Run #1 a	2Q1263.D	1	05/15/17	AFL	05/12/17	F:OP65024	F:S2Q36
Run #2 b	2Q1098.D	1	05/08/17	AFL	05/05/17	F:OP64924	F:S2Q31
Run #3 c	2Q1130.D	1	05/09/17	AFL	05/05/17	F:OP64924	F:S2Q32

	Initial Volume	Final Volume		
Run #1	125 ml	1.0 ml		
Run #2	130 ml	1.0 ml		
Run #3	130 ml	1.0 ml		

Perfluorinated Alkyl Acids

CAS No.	Compound	Result	MCL	RL	Units	Q
307-24-4	Perfluorohexanoic acid	ND		0.01	6 ug/l	
375-85-9	Perfluoroheptanoic acid	ND		0.01	6 ug/1	
335-67-1	Perfluorooctanoic acid	ND		0.01		
375-95-1	Perfluorononanoic acid	ND		0.01		
335-76-2	Perfluorodecanoic acid	ND		0.01		
2058-94-8	Perfluoroundecanoic acid	ND		0.01		
307-55-1	Perfluorododecanoic acid	ND		0.01		
72629-94-8	Perfluorotridecanoic acid	ND		0.01		
376-06-7	Perfluorotetradecanoic acid	ND		0.01		
375-73-5	Perfluorobutanesulfonic acid	ND		0.01	The state of the s	
355-46-4	Perfluorohexanesulfonic acid	ND		0.010		
1763-23-1	Perfluorooctanesulfonic acid	ND		0.010		
2355-31-9	MeFOSAA	ND		0.040		
2991-50-6	EtFOSAA	ND		0.040	1,000	
CAS No.	Surrogate Recoveries	Run# 1	Run#	2	Run# 3	Limits
	13C2-PFHxA	70%	102%	d	106% d	70-130%
	13C2-PFDA	45% e	58% e		57% e	70-130%
	d5-EtFOSAA	42% e	32% e		35% f	70-130%

- (a) Analysis performed at SGS Accutest, Orlando FL.
- (b) Confirmation run for surrogate recoveries. Analysis performed at SGS Accutest, Orlando FL.
- (c) Confirmation run. Analysis performed at SGS Accutest, Orlando FL.
- (d) Associated BS recovery outside control limits.
- (e) Outside control limits due to matrix interference. Confirmed by re-extraction and reanalysis.
- (f) Outside control limits due to matrix interference. Confirmed by re-extraction and reanalysis.le for re-extraction.

ND = Not detected

MCL = Maximum Contamination Level (40 CFR 141)

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



ACCUTEST New England

Section 5

Misc. Forms
Custody Documents and Other Forms
Includes the following where applicable: Chain of Custody

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73 Willam Franks ST	34 city:	Lew1.	S R	Com	Billing In	formatio	n (If c	liffere	nt from	Rep	ort to)	no.	55,							SW - Surface Water SO - Soil
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Robismith & ATCASSICIATES Lim	Projectie	Emco	17	Stree	l Address							53%	7						1	Of - Oil LIQ - Other Liquid AIR - Air
Phone # 13-781-0070 CXT101	Client PO#			City			S	itate		Zip		5	7	1						SOL - Other Solid WP - Wipe
Sampler(s) Hame(s) Phone # 1758	Project Vanager	Somit.	h	Atteni	tion:		PO#	-				12	VALL							F8-Field Blank E8- Equipment Blank R8- Rinse Blank
(A) 20 411 (4) 21 30 21 11 10	PLOE	Collection	1 (_		Ι,	Number	of orace	rved B	otties	7	Frac, 45	ľ						TB-Trip Blank
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3 34 Lewis - 2		4-28-11	1451	233	DM	1_	H	+	1	H	+	X			<u> </u>	+		_	_	
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* Were these analyses done?

MC50277: Chain of Custody Page 1 of 2

SGS Accutest NE Sample Receipt Summary

Job Number: MC50	277		Client: ATC	3				Project: 34 LEWIS ROAI)				
Date / Time Received: 5/1/20	17 5:	35:00 PM	De	livery Met	hod:	se	S COURIER	Airbill #'s:					
Cooler Temps (Initial/Adjusted	i): <u>#1</u>	l: (3.9/3.4); #2 : (3.8/	3,3):									
	or N				or_		Sample Integri	ty - Documentation	••••	or N			
Custody Seals Present:	V		COC Presen				1. Sample labels	present on bottles:	•				
2. Custody Seals Intact:	V	4. Sm	pl Dates/Tim	e OK 😧			2. Container labe	eling complete:	\checkmark				
Cooler Temperature	Υ.	or N					3. Sample contai	iner label / COC agree:	\checkmark				
1. Temp criteria achieved:	V						Sample Integr	ity - Condition	<u>Y</u> c	or N			
2, Thermometer ID:	1R	GUN1;					Sample recvd						
3, Cooler media:	lc	æ (Bag)					2. All containers		V				
4. No. Coolers:	I. No. Coolers: 2						3. Condition of s	ample:		tact			
Quality Control Preservation	<u>Y</u>	or N	N/A				Sample Integr	ity - Instructions	<u>Y</u> c	or N	N/A		
1. Trip Blank present / cooler:		\mathbf{V}					1. Analysis requ		V				
2. Trip Blank listed on COC:		\mathbf{V}						ved for unspecified tests		\checkmark			
3. Samples preserved properly:	V						3. Sufficient vol	urne recvd for analysis:	\mathbf{V}		_		
4. VOCs headspace free:	\checkmark						4. Compositing	instructions clear:			✓		
							5. Filtering instr	uctions clear:			Ø		
Comments			****										
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MC50277: Chain of Custody

Page 2 of 2



ACCUTEST New England

Section 6

Custody De	ocuments and Ot	her Forms
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MC50277: Chain of Custody Page 1 of 3 SGS Accutest Southeast

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SGS ACCUTEST - ORLANI	DO SAMPLE RECEIPT CONFIRMATION
SGS ACCUTEST'S JOB NUMBER; MC50277 CL	IENT: ALNE PROJECT: 34 Lewis Rd.
DATE/TIME RECEIVED: 05/03/17 930 (MM/DI	D/YY 24:00} NUMBER OF COOLERS RECEIVED:
METHOD OF DELIVERY: FEDEX UPS AC	CUTEST COURIER DELIVERY OTHER:
AIRBILL NUMBERS: 7273 75/6 1831	•
COOLER INFORMATION	TEMPERATURE INFORMATION
CUSTODY SEAL NOT PRESENT OR NOT INTACT	IR THERM ID / CORR. FACTOR +0.4
CHAIN OF CUSTODY NOT RECEIVED (COC)	OBSERVED TEMPS: 2. G
ANALYSIS REQUESTED IS UNCLEAR OR MISSING	CORRECTED TEMPS: 3.0 (USED FOR LIMS)
SAMPLE DATES OR TIMES UNCLEAR OR MISSING	SAMPLE INFORMATION
TEMPERATURE CRITERIA NOT MET	INCORRECT NUMBER OF CONTAINERS USED
<u></u>	SAMPLE RECEIVED IMPROPERLY PRESERVED
TRIP BLANK INFORMATION	INSUFFICIENT VOLUME FOR ANALYSIS
TRIP BLANK PROVIDED	DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL
TRIP BLANK NOT PROVIDED	ID'S ON COC DO NOT MATCH LABEL
TRIP BLANK NOT ON COC	VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
TRIP BLANK INTACT	BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
TRIP BLANK NOT INTACT	NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
RECEIVED WATER TRIP BLANK	UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
RECEIVED SOIL TRIP BLANK	SAMPLE CONTAINER(S) RECEIVED BROKEN
	5035 FIELD KITS NOT RECEIVED WITHIN 48 HOURS
MISC. INFORMATION	BULK VOA SOIL JARS NOT RECEIVED WITHIN 48 HOURS
NUMBER OF ENCORES ? 25-GRAM 5-GRAM	% SOLIDS JAR NOT RECEIVED
NUMBER OF 5035 FIELD KITS ?	RESIDUAL CHLORINE PRESENT LOT#
NUMBER OF LAB FILTERED METALS ?	(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)
TEST STRIP LOT#s pH 0-3 230315 p	H 10-12 219813A OTHER (specify)
SUMMARY OF COMMENTS:	
A	
TECHNICIAN SIGNATURE/DATE	7 REVIEWER SIGNATURE/DATE & OS-03:17
* I	eipt confirmation 020116.xls
	•
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MC50277: Chain of Custody

Page 2 of 3



MC50277: Chain of Custody Page 3 of 3



New England

Section 7

QC Data Summaries	
A. A. Dasa Austrianies	
QU Data Summarios	
(SGS Accutest Southeast)	

- Method Blank Summaries
- Blank Spike Summaries
 Matrix Spike and Duplicate Summaries
 Surrogate Recovery Summaries



Method Blank Summary

Job Number: MC50277

Account:

Project:

ALNE SGS Accutest New England ATCMAS: 34 Lewis Road, Westfield, MA

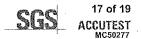
Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP65024-MB	2Q1258.D	1	05/15/17	NAF	05/12/17	OP65024	S2Q36

The QC reported here applies to the following samples:

Method: EPA 537 MOD

MC50277-2

CAS No.	Compound	Result	RL	Units	Q
307-24-4	Perfluorohexanoic acid	ND	0.015	ug/l	
375-85-9	Perfluoroheptanoic acid	ND	0.015	ug/l	
335-67-1	Perfluorooctanoic acid	ND	0.015	ug/l	
375-95-1	Perfluorononanoic acid	ND	0.015	ug/l	
335-76-2	Perfluorodecanoic acid	ND	0.015	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	0.015	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.015	ug/I	
72629-94-8	Perfluorotridecanoic acid	ND	0.015	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.015	ug/l	
375-73-5	Perfluorobutanesulfonic acid	ND	0.015	ug/l	
355-46-4	Perfluorohexanesulfonic acid	ND	0.015	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.015	ug/l	
2355-31-9	MeFOSAA	0.0191	0.038	ug/l	J
2991-50-6	EtFOSAA	0.0222	0.038	ug/l	Ĵ
CAS No.	Surrogate Recoveries	Limits			
	13C2-PFHxA	66%	61-1349	%	
	13C2-PFDA	92%	62-1289	%	
	d5-EtFOSAA	77%	57-1359	%	



Account: Project:

ALNE SGS Accutest New England

ATCMAS: 34 Lewis Road, Westfield, MA

Sample OP65024-BS ^a	File ID 2Q1257.D	DF 1	Analyzed 05/15/17	By NAF	Prep Date 05/12/17	Prep Batch OP65024	Analytical Batch S2Q36

The QC reported here applies to the following samples:

Method: EPA 537 MOD

MC50277-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
307-24-4	Perfluorohexanoic acid	0.154	0.146	95	63-146
375-85-9	Perfluoroheptanoic acid	0.154	0.156	101	71-138
335-67-1	Perfluorooctanoic acid	0.154	0.161	105	74-137
375-95-1	Perfluorononanoic acid	0.154	0.161	105	76-140
335-76-2	Perfluorodecanoic acid	0.154	0.157	102	65-148
2058-94-8	Perfluoroundecanoic acid	0.154	0.154	100	57-138
307-55-1	Perfluorododecanoic acid	0.154	0.119	77	58-118
72629-94-8	Perfluorotridecanoic acid	0.154	0.108	70	52-120
376-06-7	Perfluorotetradecanoic acid	0.154	0.109	71	49-122
375-73-5	Perfluorobutanesulfonic acid	0.154	0.184	120	73-148
355-46-4	Perfluorohexanesulfonic acid	0.154	0.204	133	74-142
1763-23-1	Perfluorooctanesulfonic acid	0.154	0.172	112	70-134
2355-31-9	MeFOSAA	0.154	0.160	104	57-128
2991-50-6	EtFOSAA	0.154	0.137	89	55-135

CAS No.	Surrogate Recoveries	BSP Lim	its
	13C2-PFHxA	88% 61-1	34%
	13C2-PFDA	104% 62-1	28%
	d5-EtFOSAA	95% 57-1	35%

(a) Insufficient sample for MS/MSD.

^{*} = Outside of Control Limits.



Commonwealth of Massachusetts Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

Western Regional Office • 436 Dwight Street, Springfield MA 01103 • 413-784-1100

Charles D. Baker Governor

Karyn E. Polito Lieutenant Governor Matthew A. Beaton Secretary

> Martin Suuberg Commissioner

May 23, 2017

Kenneth Diegel 23 Deveno Lane Westfield, MA 01085

Re: Notice of Environmental Sampling

Westfield Private Well Sampling Barnes Air National Guard Base

Westfield, RTN 1-20093

Dear Mr. Diegel:

The Department of Environmental Protection collected a drinking water sample from your private well on April 28, 2017. The purpose of the sampling was to investigate whether your well has been affected by a release of perfluorinated compounds (PFCs) to local groundwater. The sample was sent to a certified laboratory and analyzed for PFC compounds by modified United States Protection Agency (EPA) Method 317.1. **The sampling results indicate PFC compounds were not detected above the laboratory reporting level (RL) of 16 parts per trillion (ppt).** The EPA Health Advisory Level is 70 ppt. This health advisory level offers a margin of protection for all Americans throughout their life from adverse health effects resulting from exposure to PFCs in drinking water. Based on the absence of detectable PFC compounds in the sample collected from your well, no further action, including additional sampling and/or mitigation measures (i.e. bottled water) are required at this time. The Department thanks you for granting access to your property.

If you have any questions pertaining to this Notice of Environmental Sampling or with the information contained within, please feel free to contact David Bachand at (413) 755-2221 or Cynthia Pawloski at (413) 755-2247.

Sincerely,

Eva Tor

Deputy Regional Director Bureau of Waste Site Cleanup

- V.Tp

¹ Fact Sheet PFOA & PFOS Drinking Water Health Advisories. EPA, EPA 800 F-16-003, June 2016

Notice of Environmental Sampling 1749 East Mountain Road Westfield, RTN 1-20093 May 23, 2017 Page 2 of 2

Attachments: Notice of Environmental Sampling (BWSC-123)

Laboratory Report

ec w/all NOES Letters and Lab Reports:

Mayor, City of Westfield Barnes ANG-John Richardson

Barnes Aquifer Protection Committee

Westfield DPW – David Billips Westfield Health Department Dr. Marc A. Nascarella, Ph.D/DPH

cc: Denise Andler, DEP WERO

Data Entry: FOLOFF, FOLFLD

Revised: 5/30/2014

Massachusetts Department of Environmental Protection

Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to: Release Tracking Number

1	-	20093

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan A. The address of the disposal site related to this Notice and Release Tracking Number (provided above): 1. Street Address: 175 Falcon Drive City/Town: Westfield 01085 Zip Code: B. This notice is being provided to the following party: 1. Name: Kenneth Diegel 2. Street Address: 23 Deveno Lane City/Town: Westfield Zip Code: C. This notice is being given to inform its recipient (the party listed in Section B): 1. That environmental sampling will be/has been conducted at property owned by the recipient of this notice. 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice. 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.) D. Location of the property where the environmental sampling will be/has been conducted: 1. Street Address: 23 Deveno Lane City/Town: Westfield 01085 Zip Code: 2. MCP phase of work during which the sampling will be/has been conducted: Phase III Feasibility Evaluation ✓ Immediate Response Action Phase IV Remedy Implementation Plan Release Abatement Measure ☐ Phase V/Remedy Operation Status Utility-related Abatement Measure Post-Temporary Solution Operation, Maintenance and Monitoring Phase I Initial Site Investigation Phase II Comprehensive Site Assessment Other (specify) 3. Description of property where sampling will be/has been conducted: school/playground √ residential Commercial ☐ industrial Other 4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice. A drinking water sample was collected from the private well located on the above-referenced property and analyzed for PFAS compounds via EPA Method 537.1. E. Contact information related to the party providing this notice: Contact Name: Department of Environmmental Protection Street Address: 436 Dwight Street 01103 City/Town: Springfield Zip Code: Email: David.bachand.jr@state.ma.us Telephone: (413) 755-2221



Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to: Release Tracking Number

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20093

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in Section E on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the Release Tracking Number listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Revised: 5/30/2014 Page 2 of 2



ACCUTEST **New England**

05/17/17

SGS ACCUTEST IS PART OF SGS, THE WORLD'S LEADING INSPECTION. VERIFICATION, TESTING AND CERTIFICATION COMPANY.

e-Hardcopy 2.0 **Automated Report**





Technical Report for

ATC Group Services LLC.

23 Deveno Lane, Westfield, MA

183EM00170

SGS Accutest Job Number: MC50274

Sampling Dates: 04/26/17 - 04/28/17

Report to:

ATC Group Services LLC. 73 Williams Franks Drive West Springfield, MA 01089 rob.smith@atcassociates.com

ATTN: Rob Smith

Total number of pages in report: 23



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

H. (Brad) Madadian Lab Director

Client Service contact: Jeremy Vienneau 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) FL (E87579) NJ (MA926) PA (6801121) LA (AI171119) ND (R-188) NC (653) IL (002337) WI (399080220) DoD ELAP (L-A-B L2235)

This report shall not be reproduced, except in its entirety, without the written approval of SGS Accutest. Test results relate only to samples analyzed.

New England • 50 D'Angelo Drive • Building 1 • Marlborough, MA 01752 • tel: 508-481-6200 • fax: 508-481-7753 • http://www.accutest.com

SGS Accutest is the sole authority for authorizing edits or modifications to this document. Unauthorized modification of this report is strictly prohibited.
Review standard terms at: http://www.sgs.com/en/terms-and-conditions



1 of 23 **ACCUTEST**

Sections:

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Sample Summary

ATC Group Services LLC.

Job No:

MC50274

23 Deveno Lane, Westfield, MA Project No: 183EM00170

i		Time By	Received	Matr Code		Client Sample ID
MC50274-1	04/26/17	16:14 JB	05/01/17	DW	Drinking Water TB	TRIP BLANK
MC50274-3	04/28/17	08:25 JB	05/01/17	DW	Drinking Water	23 DEVENO-1

SAMPLE DELIVERY GROUP CASE NARRATIVE

N

Client: ATC Group Services LLC.

Job No

MC50274

Site:

23 Deveno Lane, Westfield, MA

Report Date

5/17/2017 6:31:41 PM

1 Sample(s), 1 Trip Blank(s) were collected on between 04/26/2017 and 04/28/2017 and were received at SGS Accutest New England on 05/01/2017 properly preserved, at 3.4 Deg. C and intact. These Samples received a job number of MC50274. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Extractables by GCMS By Method EPA 537

_	·		
	Matrix: DW	Batch ID:	F:OP64924
ła.	Analysis performed at SGS Acc	cutest, Orlando FL.	
	Matrix: DW	Batch ID:	F:OP65024

Analysis performed at SGS Accutest, Orlando FL.

SGS Accutest New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety. The Laboratory Director for SGS Accutest New England or assignee as verified by the signature on the cover page has authorized the release of this report(MC50274).

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:

SGS Accutest New England

Job No:

MC50274

Site:

ATCMAS: 23 Deveno Lane, Westfield, MA

Report Date: 5/17/2017 5:38:32 PM

1 Sample(s), 1 Trip Blank(s) were collected on/ between 04/26/2017 and 04/28/2017 and were received at SGS Accutest Southeast (SASE) on 05/03/2017 properly preserved, at 3 Deg. C and intact. These Samples received an SASE job number of MC50274. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Extractables by GCMS By Method EPA 537

Matrix: DW

Batch ID: OP64924

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Blank Spike Recovery(s) for Perfluorododecanoic acid, Perfluorotetradecanoic acid, Perfluorotridecanoic acid are outside control

Sample(s) MC50274-1, MC50274-3, OP64924-BS, OP64924-MB have surrogates outside control limits.

OP64924-MB for 13C2-PFHxA: Outside control limits.

OP64924-BS for Perfluorotridecanoic acid: Outside control limits.

OP64924-BS for Perfluorotetradecanoic acid: Outside control limits.

OP64924-BS for Perfluorododecanoic acid: Outside control limits.

OP64924-BS for 13C2-PFHxA: Outside control limits.

OP64924-BS for Perfluorotridecanoic acid: Outside control limits.

OP64924-BS for 13C2-PFHxA: Outside control limits.

OP64924-BS for Perfluorododecanoic acid: Outside control limits.

MC50274-1 for 13C2-PFHxA: Associated BS recovery outside control limits. Outside control limits. However, sample was ND.

MC50274-1 for Perfluorotridecanoic acid: Associated BS recovery outside control limits. Insufficient sample for re-extraction.

MC50274-1 for Perfluorododecanoic acid: Associated BS recovery outside control limits. Insufficient sample for re-extraction.

MC50274-1 for 13C2-PFHxA: Associated BS recovery outside control limits.

MC50274-1: Confirmation run.

MC50274-3 for 13C2-PFHxA: Associated BS recovery outside control limits.

MC50274-3 for 13C2-PFHxA: Associated BS recovery outside control limits.

MC50274-3: Confirmation run. MC50274-3: Confirmation run.

Matrix: DW

Batch ID: OP65024

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

MC50274-3 for d5-NEtFOSAA: Outside control limits.

MC50274-3 for 13C2-PFDA: Outside control limits.

MC50274-3 for 13C2-PFHxA: Outside control limits.

SGS Accutest (SASE) certifies that this report meets the project requirements for analytical data produced for the samples as received at SASE and as stated on the COC. SASE certifies that the data meets the Data Quality Objectives for precision, accuracy and completeness as specified in the SASE Quality Manual except as noted above. This report is to be used in its entirety. SASE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:

Kim Benham, Client Services (signature on file)

Date May 17, 2017

Wednesday, May 17, 2017

Page 1 of 1



Summary of Hits
Job Number: MC50274

Page 1 of 1

Account:

ATC Group Services LLC.

Project:

23 Deveno Lane, Westfield, MA

Collected:

04/26/17 thru 04/28/17

Lab Sample ID Client Sample ID Result/ Analyte Qual $\mathbf{R}\mathbf{L}$ MDLUnits Method

MC50274-1

TRIP BLANK

No hits reported in this sample.

MC50274-3

23 DEVENO-1

No hits reported in this sample.



ACCUTEST New England

Section 4

Sample Results	
Demont of Analysis	
Report of Analysis	

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Report of Analysis

Client Sample ID: TRIP BLANK

Lab Sample ID:

MC50274-1

Matrix:

DW - Drinking Water TB

Method:

EPA 537 EPA 537

Project:

23 Deveno Lane, Westfield, MA

Date Sampled:

04/26/17 05/01/17

Date Received:

Percent Solids: n/a

-				

	File ID	DF	Analyzed	Ву	Prep Date	Prep Batch	Analytical Batch
Run #1 a	2Q1126.D	1	05/09/17	AFL	05/05/17	F:OP64924	F:S2Q32
Run #2 b	2Q1094.D	1	05/08/17	AFL	05/05/17	F:OP64924	F:S2Q31

	Initial Volume	Final Volume
Run #1	125 ml	1.0 ml
Run #2	125 ml	1.0 ml

Perfluorinated Alkyl Acids

CAS No.	Compound	Result	MCL	RL	Units	Q
307-24-4	Perfluorohexanoic acid	ND		0.016	ug/l	
375-85-9	Perfluoroheptanoic acid	ND	í	0.016	ug/l	
335-67-1	Perfluorooctanoic acid	ND		0.016	ug/l	
375-95-1	Perfluorononanoic acid	ND	;	0.016	ug/l	
335-76-2	Perfluorodecanoic acid	ND		0.016	ug/I	
2058-94-8	Perfluoroundecanoic acid	ND		0.016	ug/l	
307-55-1	Perfluorododecanoic acid ^c	ND		0.016	ug/l	
72629-94-8	Perfluorotridecanoic acid c	ND		0.016	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND		0.016	ug/l	
375-73-5	Perfluorobutanesulfonic acid	ND		0.016	ug/l	
355-46-4	Perfluorohexanesulfonic acid	ND	·	0.016	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	ND		0.016	ug/l	
2355-31-9	MeFOSAA	ND		0.040	ug/l	
2991-50-6	EtFOSAA	ND		0.040	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run#	2 I	imits	
	13C2-PFHxA	133% d	130%	e 7	0-130%	
	13C2-PFDA	94%	101%	7	0-130%	
	d5-EtFOSAA	108%	110%	7	0-130%	

- (a) Analysis performed at SGS Accutest, Orlando FL.
- (b) Confirmation run. Analysis performed at SGS Accutest, Orlando FL.
- (c) Associated BS recovery outside control limits. Insufficient sample for re-extraction.
- (d) Associated BS recovery outside control limits. Outside control limits. However, sample was ND.
- (e) Associated BS recovery outside control limits.

ND = Not detected

MCL = Maximum Contamination Level (40 CFR 141)

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID:	23 DEVENO-1
Lab Sample ID:	MC50274-3

Matrix: Method:

Project:

DW - Drinking Water

EPA 537 EPA 537

23 Deveno Lane, Westfield, MA

Date Sampled: 04/28/17

Date Received: 05/01/17 Percent Solids: n/a

	File ID	DF	Analyzed	Ву	Prep Date	Prep Batch	Analytical Batch
Run #1 a	2Q1260.D	1	05/15/17	AFL	05/12/17	F:OP65024	F:S2Q36
Run #2 b	2Q1095.D	1	05/08/17	AFL	05/05/17	F:OP64924	F:S2Q31
Run #3 b	2Q1127.D	1	05/09/17	AFL	05/05/17	F:OP64924	F:S2Q32
1	-						

				·	 	
	Initial Volume	Final Volume	·			
Run #1	125 ml	1.0 ml				
Run #2	130 ml	1.0 ml				
Run #3	130 ml	1.0 ml				
1					 	

Perfluorinated Alkyl Acids

CAS No.	Compound	Result	MCL	RL	Units	Q
307-24-4	Perfluorohexanoic acid	ND	4	0.016	ug/l	
375-85-9	Perfluoroheptanoic acid	ND	Į Į	0.016	ug/l	
335-67-1	Perfluorooctanoic acid	ND		0.016	ug/l	
375-95-1	Perfluorononanoic acid	ND		0.016	ug/l	
335-76-2	Perfluorodecanoic acid	ND		0.016	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	:	0.016	ug/l	
307-55-1	Perfluorododecanoic acid	ND	1	0.016	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	į.	0.016	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND) }	0.016	ug/l	
375-73-5	Perfluorobutanesulfonic acid	ND		0.016	ug/l	
355-46-4	Perfluorohexanesulfonic acid	ND	i.	0.016	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	ND		0.016	ug/l	
2355-31-9	MeFOSAA	ND	i.	0.040	ug/l	
2991-50-6	EtFOSAA	ND THE NA		0.040	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run#	2 R	ın# 3	Limits
-	13C2-PFHxA	62% d	121%	c 12	4% c	70-130%
	13C2-PFDA	53% d	105%	10	0%	70-130%
	d5-EtFOSAA	52% d	100%	10	0%	70-130%

- (a) Analysis performed at SGS Accutest, Orlando FL.
- (b) Confirmation run. Analysis performed at SGS Accutest, Orlando FL.
- (c) Associated BS recovery outside control limits.
- (d) Outside control limits.

ND = Not detected

MCL = Maximum Contamination Level (40 CFR 141)

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



ACCUTEST New England

Section 5

Misc. Forms	
Custody Documents and	Other Forms
Includes the following where • Chain of Custody	applicable:

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Address:	73 WILL	m Franks	ĎГ	Street 2			eno		-^					6	55	,			1					GW - Ground Water
Cityies	- Spanifield	m Frank's State: MA Zip	01089	City W 6	STF	eid				Stat	mi	7		2	-3			-			i			WW - Water SW - Surface
Project Co	ntact: Sincith	Email: Kab SwiTh	LE FICASSICIET	Project #	183	FA	111	17,	~ <u> </u>					537	1				-					Water SO - Soil
Phone #:	413-781-0	olo ext 1	101	Fax#										72%		+			1					SL-Sludge OI - Oii
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SGS				COLLECTION				ONTAI				3	ži Ši	5.	7									AIR - Air
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Lab Use	Only: Cooler Temp	erature (s) Celaius:																					٠,٠٠	1,2,0

MC50274: Chain of Custody Page 1 of 2

SGS Accutest NE Sample Receipt Summary

Date / Time Received: 5/1/2017 5:35:00 PM Delivery Method: SGS COURIER Airbill #s:	
Cooler Temps (Initial/Adjusted): #1: (3.9/3.4); #2: (3.8/3.3);	
Cooler Security Y or N Sample Integrity - Documentation Y or N	
1. Custody Seals Present: 3. COC Present: 1. Sample labels present on bottles:	
2. Custody Seals Intact: 4. Smpl Dates/Time OK 2 2. Container labeling complete:	
Cooler Temperature Y or N 3. Sample container label / COC agree: ☑	
1. Temp criteria achieved: Y or N	
2. Thermometer ID: IRGUN1; 1. Sample recvd within HT:	
3. Cooler media: Ice (Bag) 2. All containers accounted for:	
4. No. Coolers: 2 3. Condition of sample: Intact	
Quality Control Preservation Y or N N/A Sample Integrity - Instructions Y or N	N/A
1. Trip Blank present / cooler;	11/25
2. Trip Blank listed on COC: 2. Bottles received for unspecified tests	
3. Samples preserved properly: ☑ ☐ 3. Sufficient volume recvd for analysis: ☑ ☐	
4. VOCs headspace free; ☑ ☐ ☐ 4. Compositing instructions clear: ☐ ☐	✓
5. Filtering instructions clear;	✓
Comments	
' .	

MC50274: Chain of Custody Page 2 of 2



ACCUTEST New England

Section 6

Misc. Forms	
Custody Documents and Other Form	ns
(SGS Accutest Southeast)	
Includes the following where applicable:	
Chain of Custody	

(3)

HATCH THE CHAPTE OF CUSTODY CHAPTER CHSTODY Pagestorius PREMagestorius **ACCUTEST** 50 D'Angelo Drive, 495 Technology Center West, Bidg One, Marth TEL, 564-481-0200 FAX: 508-481-7753 www.sgs.com Client / Reporting Information -Project Information Requested Analysis (see TEST COOÉ alfeet) Matrix Codes DW - Drinting Water
GW - Ground Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soal
SL - Studye
LO - ON
LO - ON
LO - ON
LO - ON
FB - Field Blank
FB - Field Blank
ED - EQUIPMEN Blank SGS Accutest 23 Deveno Lane, Westfield, MA reet Abdress
50 D'Angelo Drive,
425 Technology Center West, St.OG Dne Billing information (if different from Report to) Company Name Manbourough, MA 01752 roject Contact E-mail 608-481-6260 JB LCS37LIST Field ID / Point of Collection 1 TRIP BLANK 4/26/17 4:14:00 PM J8 DW Х 2 23 DEVENO FIELD BLANK 4/28/17 8:17:00 AM J8 DW 3 23 DEVENO-1 4/26/17 B:25:00 AM JB OW Х 23 DEVENO-2 8:26:00 AM JÐ Turnaround Time (Business days) Data Detverable Sharing Comm MYASP Category A
NYASP Category B
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Commercial *B" (Level 2)

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NJ Reduced

Commercial *C* 5 Day RUSH
3 Day EHERGENCY EDO Format ______

X Danie MAMCP 2 Day EMERGENCY 1 Day EMERGENCY X other Due 5/15/2017
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MC50274: Chain of Custody Page 1 of 3 SGS Accutest Southeast

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SCS ACCUTEST'S JOB NUMBER: MC 50279 CLIENT: ALNE PROJECT: 23 OVER 0 La reduction of college received. OS/03/17 930 [mm/dd/y 24:00] NUMBER OF COOLERS RECEIVED: 1 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER DELIVERY OTHER: AIRBILL NUMBERS: 7273 75/10/1831 COOLER INFORMATION CUSTODY SEAL NOT PRESENT OR NOT INTACT CHAIN OF CUSTODY NOT RECEIVED (COC) ANALYSIS REQUESTED IS UNCLEAR OR MISSING SAMPLE DATES OR TIMES UNCLEAR OR MISSING TEMPERATURE CRITERIA NOT MET TRIP BLANK INFORMATION TRIP BLANK INFORMATION TRIP BLANK NOT ROVUBED TRIP BLANK NOT ROVUBED TRIP BLANK NOT ROVUBED TRIP BLANK NOT ROVUBED TRIP BLANK NOT ROVUBED TRIP BLANK NOT INTACT RECEIVED WATER TRIP BLANK RECEIVED WATER TRIP BLANK RECEIVED SOIL TRIP BLANK MISC. INFORMATION NUMBER OF ENORGES? 25-GRAM S-GRAM NUMBER OF FOOSS FIELD KITS? NUMBER OF LAB FILTERING OR COMPOSITING RISTRUCTIONS SAMPLE RECEIVED WITHIN 48 HOURS WISC. INFORMATION NUMBER OF BLADE RECEIVED WITHIN 48 HOURS WISC. INFORMATION NUMBER OF LAB FILTERING OR COMPOSITING RISTRUCTIONS SAMPLE RECEIVED WITHIN 48 HOURS WISC. INFORMATION NUMBER OF LAB FILTERING OR COMPOSITING RISTRUCTIONS SAMPLE RECEIVED WITHIN 48 HOURS WISC. INFORMATION NUMBER OF LAB FILTERING OR COMPOSITING RISTRUCTIONS SAMPLE RECEIVED WITHIN 48 HOURS WISC. INFORMATION TEST STRIP LOTE: PIO-3 239315 PH 10-12 219913A OTHER (specify) TECHNICIAN SIGNATUREDATE TECHNICI	SGS ACCUTEST - ORLANDO	SAMPLE RECEIPT CONFIRMATION
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MC50274: Chain of Custody Page 2 of 3



MC50274: Chain of Custody Page 3 of 3



New England

Section 7

QC Data Su	nmaries	
(SGS Accutest	Southeast)	
5		

- Blank Spike Summaries
 Matrix Spike and Duplicate Summaries
 Surrogate Recovery Summaries



ALNE SGS Accutest New England Account:

Project:

ATCMAS: 23 Deveno Lane, Westfield, MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP64924-MB	2Q1093.D	1	05/08/17	NAF	05/05/17	OP64924	S2Q31

The QC reported here applies to the following samples:

Method: EPA 537

MC50274-1

CAS No.	Compound	Result	RL	Units	Q
307-24-4	Perfluorohexanoic acid	ND	0.015	ug/l	
375-85-9	Perfluoroheptanoic acid	ND	0.015	ug/l	
335-67-1	Perfluorooctanoic acid	ND	0.015	ug/l	
375-95-1	Perfluorononanoic acid	ND	0.015	ug/l	
335-76-2	Perfluorodecanoic acid	ND	0.015	ug/I	
2058-94-8	Perfluoroundecanoic acid	ND	0.015	ug/I	
307-55-1	Perfluorododecanoic acid	ND	0.015	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.015	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.015	ug/l	
375-73-5	Perfluorobutanesulfonic acid	ND	0.015	ug/l	
355-46-4	Perfluorohexanesulfonic acid	ND	0.015	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.015	ug/l	
2355-31-9	MeFOSAA	0.0202	0.038	ug/l	J
2991-50-6	EtFOSAA	0.0247	0.038	ug/l	J
CAS No.	Surrogate Recoveries		Limits		
0110110.	Dail Ogavo Itooo voi los		7/111162		
	13C2-PFHxA	133%* a	70-1309	%	

124%

108%

70-130%

70-130%

(a) Outside control limits.

13C2-PFDA

d5-EtFOSAA



Method Blank Summary Job Number: MC50274

Account:

ALNE SGS Accutest New England

Project:

ATCMAS: 23 Deveno Lane, Westfield, MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP65024-MB	2Q1258.D	1	05/15/17	NAF	05/12/17	OP65024	S2Q36

The QC reported here applies to the following samples:

Method: EPA 537 MOD

MC50274-3

CAS No.	Compound	Result	RL	Units	Q
307-24-4	Perfluorohexanoic acid	ND	0.015	ug/l	
375-85-9	Perfluoroheptanoic acid	ND	0.015	ug/l	
335-67-1	Perfluorooctanoic acid	ND	0.015	ug/l	
375-95-1	Perfluorononanoic acid	ND	0.015	ug/l	
335-76-2	Perfluorodecanoic acid	ND	0.015	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	0.015	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.015	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.015	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.015	ug/l	
375-73-5	Perfluorobutanesulfonic acid	ND	0.015	ug/l	
355-46-4	Perfluorohexanesulfonic acid	ND	0.015	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.015	ug/l	
2355-31-9	MeFOSAA	0.0191	0.038	ug/İ	J
2991-50-6	EtFOSAA	0.0222	0.038	ug/l	j
2331-00-0	Elfoomi	0,000	0.000	~6/ -	J
CAS No.	Surrogate Recoveries		Limits		
	13C2-PFHxA	66%	61-134	%	
	13C2-PFDA	92%	62-128	%	
	d5-EtFOSAA	77%	57-135	%	



Account:

ALNE SGS Accutest New England

Project:

ATCMAS: 23 Deveno Lane, Westfield, MA

Sample	File ID	DF	Analyzed	By	Prep Date 05/05/17	Prep Batch	Analytical Batch
OP64924-BS	2Q1092.D	1	05/08/17	NAF		OP64924	S2Q31

The QC reported here applies to the following samples:

Method: EPA 537

MC50274-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
307-24-4	Perfluorohexanoic acid	0.154	0.161	105	70-130
375-85-9	Perfluoroheptanoic acid	0.154	0.159	103	70-130
335-67-1	Perfluorooctanoic acid	0.154	0.153	99	70-130
375-95-1	Perfluorononanoic acid	0.154	0.162	105	70-130
335-76-2	Perfluorodecanoic acid	0.154	0.136	88	70-130
2058-94-8	Perfluoroundecanoic acid	0.154	0.113	73	70-130
307-55-1	Perfluorododecanoic acid	0.154	0.101	66* a	70-130
72629-94-8	Perfluorotridecanoic acid	0.154	0.0975	63* a	70-130
376-06-7	Perfluorotetradecanoic acid	0.154	0.103	67* a	70-130
375-73-5	Perfluorobutanesulfonic acid	0.154	0.154	100	70-130
355-46-4	Perfluorohexanesulfonic acid	0.154	0.158	103	70-130
1763-23-1	Perfluorooctanesulfonic acid	0.154	0.137	89	70-130
2355-31-9	MeFOSAA	0.154	0.158	103	70-130
2991-50-6	EtFOSAA	0.154	0.146	95	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
	13C2-PFHxA	134%* ^a	
	13C2-PFDA	120%	70-130%
	d5-EtFOSAA	103%	70-130%

(a) Outside control limits.

^{* =} Outside of Control Limits.

Blank Spike Summary Job Number: MC50274

Account:

ALNE SGS Accutest New England

Project:

ATCMAS: 23 Deveno Lane, Westfield, MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP64924-BS	2Q1125.D	1	05/09/17	NAF	05/05/17	OP64924	S2Q32

The QC reported here applies to the following samples:

Method: EPA 537

MC50274-1

		Spike	BSP	BSP	
CAS No.	Compound	ug/l	ug/l	%	Limits
307-24-4	Perfluorohexanoic acid	0.154	0.172	112	70-130
375-85-9	Perfluoroheptanoic acid	0.154	0.167	109	70-130
335-67-1	Perfluorooctanoic acid	0.154	0.155	101	70-130
375-95-1	Perfluorononanoic acid	0.154	0.165	107	70-130
335-76-2	Perfluorodecanoic acid	0.154	0.140	91	70-130
2058-94-8	Perfluoroundecanoic acid	0.154	0.117	76	70-130
307-55-1	Perfluorododecanoic acid	0.154	0.102	66* a	70-130
72629-94-8	Perfluorotridecanoic acid	0.154	0.100	65* a	70-130
376-06-7	Perfluorotetradecanoic acid	0.154	0.117	76	70-130
375-73-5	Perfluorobutanesulfonic acid	0.154	0.152	99	70-130
355-46-4	Perfluorohexanesulfonic acid	0.154	0.152	99	70-130
1763-23-1	Perfluorooctanesulfonic acid	0.154	0.139	90	70-130
2355-31-9	MeFOSAA	0.154	0.153	99	70-130
2991-50-6	EtFOSAA	0.154	0.136	88	70-130
CAS No.	Surrogate Recoveries	BSP	Lim	its	
	13C2-PFHxA	143%*	70-1	130%	
	13C2-PFDA	117% 70-130%			
	d5-EtFOSAA	103% 70-130%			

(a) Outside control limits.

^{* =} Outside of Control Limits.

Account:

Project:

ALNE SGS Accutest New England

ATCMAS: 23 Deveno Lane, Westfield, MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP65024-BS ^a	2Q1257.D	1	05/15/17	NAF	05/12/17	OP65024	S2Q36

The QC reported here applies to the following samples:

Method: EPA 537 MOD

MC50274-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
307-24-4	Perfluorohexanoic acid	0.154	0.146	95	63-146
375-85-9	Perfluoroheptanoic acid	0.154	0.156	101	71-138
335-67-1	Perfluorooctanoic acid	0.154	0.161	105	74-137
375-95-1	Perfluorononanoic acid	0.154	0.161	105	76-140
335-76-2	Perfluorodecanoic acid	0.154	0.157	102	65-148
2058-94-8	Perfluoroundecanoic acid	0.154	0.154	100	57-138
307-55-1	Perfluorododecanoic acid	0.154	0.119	77	58-118
72629-94-8	Perfluorotridecanoic acid	0.154	0.108	70	52-120
376-06-7	Perfluorotetradecanoic acid	0.154	0.109	71	49-122
375-73-5	Perfluorobutanesulfonic acid	0.154	0.184	120	73-148
355-46-4	Perfluorohexanesulfonic acid	0.154	0.204	133	74-142
1763-23-1	Perfluorooctanesulfonic acid	0.154	0.172	112	70-134
2355-31-9	MeFOSAA	0.154	0.160	104	57-128
2991-50-6	EŧFOSAA	0.154	0.137	89	55-135
CAS No.	Surrogate Recoveries	BSP	Lin	nits	

CAS No.	Surrogate Recoveries	BSP	Limits
	13C2-PFHxA	88%	61-134%
	13C2-PFDA	104%	62-128%
	d5-EtFOSAA	95%	57-135%

(a) Insufficient sample for MS/MSD.

^{* =} Outside of Control Limits.

Semivolatile Surrogate Recovery Summary

Page 1 of 1

Job Number: MC50274

ALNE SGS Accutest New England

Account: Project:

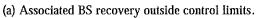
ATCMAS: 23 Deveno Lane, Westfield, MA

Method: EPA 537

Matrix: DW

Samples and QC shown here apply to the above method

Lab	Lab			
Sample ID	File ID	S1 S	82	S3
MC50274-1	2Q1094.D	130 ^a 1	.01	110
MC50274-1	2Q1126.D	133* b 9	4	108
MC50274-3	2Q1260.D	62* c 5	3* c	52* c
MC50274-3	2Q1095.D	121 ^a 1	.05	100
MC50274-3	2Q1127.D	124 ^a 1	.00	100
OP64924-BS	2Q1092.D	134* ° 1	.20	103
OP64924-BS	2Q1125.D	143* ^c 1	17	103
OP64924-MB	2Q1093.D	133* ^c 1	24	108
Surrogate	•	Recovery		
Compounds		Limits		
S1 = 13C2-PFH	łхА	70-130%	1	
S2 = 13C2-PFI		70-130%		



⁽b) Associated BS recovery outside control limits. Outside control limits. However, sample was ND.

70-130%

(c) Outside control limits.

S3 = d5-EtFOSAA





Commonwealth of Massachusetts Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

Western Regional Office • 436 Dwight Street, Springfield MA 01103 • 413-784-1100

Charles D. Baker Governor

Karyn E. Polito Lieutenant Governor Matthew A. Beaton Secretary

> Martin Suuberg Commissioner

May 23, 2017

Mr. Alan Fini 2050 East Mountain Road Westfield, MA 01085

Re:

Notice of Environmental Sampling Westfield Private Well Sampling Barnes Air National Guard Base Westfield, RTN 1-20093

Dear Mr. Fini:

The Department of Environmental Protection collected a drinking water sample from your private well on April 28, 2017. The purpose of the sampling was to investigate whether your well has been affected by a release of perfluorinated compounds (PFCs) to local groundwater. The sample was sent to a certified laboratory and analyzed for PFC compounds by modified United States Protection Agency (EPA) Method 317.1. The sampling results indicate PFC compounds were not detected above the laboratory reporting level (RL) of 17 parts per trillion (ppt). The EPA Health Advisory Level is 70 ppt. This health advisory level offers a margin of protection for all Americans throughout their life from adverse health effects resulting from exposure to PFCs in drinking water. Based on the absence of detectable PFC compounds in the sample collected from your well, no further action, including additional sampling and/or mitigation measures (i.e. bottled water) are required at this time. The Department thanks you for granting access to your property.

If you have any questions pertaining to this Notice of Environmental Sampling or with the information contained within, please feel free to contact David Bachand at (413) 755-2221 or Cynthia Pawloski at (413) 755-2247.

Sincerely,

Eva Tor

Deputy Regional Director Bureau of Waste Site Cleanup

¹ Fact Sheet PFOA & PFOS Drinking Water Health Advisories. EPA, EPA 800 F-16-003, June 2016

Notice of Environmental Sampling 2050 East Mountain Road Westfield, RTN 1-20093 May 23, 2017 Page 2 of 2

Attachments: Notice of Environmental Sampling (BWSC-123)

Laboratory Report

ec w/all NOES Letters and Lab Reports:

Mayor, City of Westfield

Barnes ANG-John Richardson

Barnes Aquifer Protection Committee

Westfield DPW – David Billips Westfield Health Department

Dr. Marc A. Nascarella, Ph.D/DPH

cc: Denise Andler, DEP WERO

Data Entry: FOLOFF, FOLFLD

Telephone: (413) 755-2221

Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to: Release Tracking Number

	-	20093
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NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan A. The address of the disposal site related to this Notice and Release Tracking Number (provided above): 1. Street Address: 175 Falcon Drive City/Town: Westfield 01085 Zip Code: B. This notice is being provided to the following party: 1. Name: Mr. Alan Fini 2. Street Address: 2050 East Mountain Road City/Town: Westfield 01085 Zip Code: C. This notice is being given to inform its recipient (the party listed in Section B): 1. That environmental sampling will be/has been conducted at property owned by the recipient of this notice. 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice. 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.) D. Location of the property where the environmental sampling will be/has been conducted: 1. Street Address: 2050 East Mountain Road 01085 City/Town: Westfield Zip Code: 2. MCP phase of work during which the sampling will be/has been conducted: Phase III Feasibility Evaluation Immediate Response Action Phase IV Remedy Implementation Plan Release Abatement Measure ☐ Phase V/Remedy Operation Status Utility-related Abatement Measure Post-Temporary Solution Operation, Maintenance and Monitoring Phase I Initial Site Investigation ☐ Phase II Comprehensive Site Assessment ☐ Other (specify) 3. Description of property where sampling will be/has been conducted: residential commercial industrial school/playground Other 4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice. A drinking water sample was collected from the private well located on the above-referenced property and analyzed for PFAS compounds via EPA Method 537.1. E. Contact information related to the party providing this notice: Department of Environmmental Protection Contact Name: Street Address: 436 Dwight Street 01103 City/Town: Springfield Zip Code:

Email: David.bachand.jr@state.ma.us



Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to: Release Tracking Number

1

20093

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Revised: 5/30/2014 Page 2 of 2



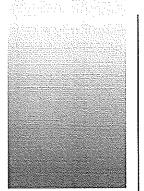
ACCUTESTNew England

05/15/17

SGS ACCUTEST IS PART OF SGS, THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY.

SGS

e-Hardcopy 2.0
Automated Report





Technical Report for

ATC Group Services LLC.

2050 East Mountain Road, Westfield, MA

183EM00170

SGS Accutest Job Number: MC50278

Sampling Date: 04/28/17

Report to:

ATC Group Services LLC. 73 Williams Franks Drive West Springfield, MA 01089 rob.smith@atcassociates.com

ATTN: Rob Smith

Total number of pages in report: 25



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

H. (Brad) Madadian Lab Director

Client Service contact: Jeremy Vienneau 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) FL (E87579) NJ (MA926) PA (6801121) LA (A1171119) ND (R-188) NC (653) IL (002337) WI (399080220) DoD ELAP (L-A-B L2235)

This report shall not be reproduced, except in its entirety, without the written approval of SGS Accutest. Test results relate only to samples analyzed.

New England • 50 D'Angelo Drive • Building 1 • Marlborough, MA 01752 • tel: 508-481-6200 • fax: 508-481-7753 • http://www.accutest.com

SGS Accutest is the sole authority for authorizing edits or modifications to this document. Unauthorized modification of this report is strictly prohibited. Review standard terms at: http://www.sgs.com/en/terms-and-conditions





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Sample Summary

ATC Group Services LLC.

Job No:

MC50278

2050 East Mountain Road, Westfield, MA Project No: 183EM00170

Sample Number	Collecte Date	ed Time By	Received	Matr Code		Client Sample ID
MC50278-2	2 04/28/1	7 10:55 JB	05/01/17	AQ	Ground Water	2050 EAST MT-1

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: ATC Group Services LLC.

Job No

MC50278

Site:

2050 East Mountain Road, Westfield, MA

Report Date

5/12/2017 2:31:53 PM

1 Sample was collected on 04/28/2017 and were received at SGS Accutest New England on 05/01/2017 properly preserved, at 3.4 Deg. C and intact. These Samples received a job number of MC50278. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Extractables by GCMS By Method EPA 537 MOD

Matrix: AQ

Batch ID: F:OP64922

MC50278-2: Analysis performed at SGS Accutest, Orlando FL.

SGS Accutest New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety. The Laboratory Director for SGS Accutest New England or assignee as verified by the signature on the cover page has authorized the release of this report(MC50278).

7

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:

SGS Accutest New England

Job No:

MC50278

Site:

ATCMAS: 2050 East Mountain Road, Westfield, MA

Report Date: 5/12/2017 1:16:32 PM

1 Sample(s) were collected on 04/28/2017 and were received at SGS Accutest Southeast (SASE) on 05/03/2017 properly preserved, at 3 Deg. C and intact. These Samples received an SASE job number of MC50278. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Extractables by GCMS By Method EPA 537 MOD

Matrix: AO

Batch ID: OP64922

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

SGS Accutest (SASE) certifies that this report meets the project requirements for analytical data produced for the samples as received at SASE and as stated on the COC. SASE certifies that the data meets the Data Quality Objectives for precision, accuracy and completeness as specified in the SASE Quality Manual except as noted above. This report is to be used in its entirety. SASE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:

Kim Benham, Client Services (signature on file)

Date May 12, 2017

Friday, May 12, 2017

Page 1 of 1



Summary of Hits

Page 1 of 1

Job Number: MC50278

Account:

ATC Group Services LLC.

Project:

2050 East Mountain Road, Westfield, MA

Collected:

04/28/17

Lab Sample ID Client Sample ID Result/ RLMDL Analyte Qual Units Method

MC50278-2

2050 EAST MT-1

No hits reported in this sample.



ACCUTEST New England

Section 4

Sample R	esults	
Report of	Analysis	

Ľ

Report of Analysis

Client Sample ID: 2050 EAST MT-1

Lab Sample ID:

MC50278-2

Matrix:

AQ - Ground Water

EPA 537 MOD EPA 537 MOD

2050 East Mountain Road, Westfield, MA

Date Sampled: Date Received:

04/28/17 05/01/17

Percent Solids: n/a

File ID DF Analytical Batch Analyzed Ву Prep Date Prep Batch Run #1 a 05/08/17 **AFL** 05/05/17 F:OP64922 F:S2Q31 2Q1118.D 1

Run #2

Method:

Project:

Final Volume Initial Volume

Run #1

1.0 ml

Run #2

Perfluorinated Alkyl Acids

120 ml

CAS No.	Compound	Result	RL	Units Q
307-24-4	Perfluorohexanoic acid	ND	0.017	ug/l
375-85-9	Perfluoroheptanoic acid	ND	0.017	ug/l
335-67-1	Perfluorooctanoic acid	ND	0.017	ug/I
375-95-1	Perfluorononanoic acid	ND	0.017	ug/I
335-76-2	Perfluorodecanoic acid	ND	0.017	ug/I
2058-94-8	Perfluoroundecanoic acid	ND	0.017	ug/l
307-55-1	Perfluorododecanoic acid	ND	0.017	ug/l
72629-94-8	Perfluorotridecanoic acid	ND	0.017	ug/l
376-06-7	Perfluorotetradecanoic acid	ND	0.017	ug/I
375-73-5	Perfluorobutanesulfonic acid	ND	0.017	ug/l
355-46-4	Perfluorohexanesulfonic acid	ND	0.017	ug/I
1763-23-1	Perfluorooctanesulfonic acid	ND	0.017	ug/I
2355-31-9	MeFOSAA	ND	0.042	ug/I
2991-50-6	EtFOSAA	ND	0.042	ug/l
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
	13C2-PFHxA	122%		61-134%
	13C2-PFDA	96%		62-128%
	d5-EtFOSAA	104%		57-135%

⁽a) Analysis performed at SGS Accutest, Orlando FL.

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



New England

Section 5

Misc. Forn			<u> </u>
ustody Do	cuments and Othe	r Forms	
	•		
			·····

- Chain of CustodyMCP Form

- Sample Tracking ChronicleQC Evaluation: MA MCP Limits

SGS

ACCUTEST

SGS Accutest Chain of Custody

CHAIR OF CUSTODY

405 Vineland Road, Suite C-15 Orlando, Fl 32811

PI	REN	/
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CHV/VL?	ST SAMMARITY	MA Zin	P: 0108	79	CITY MY		761	d			Otati	'n	A	- 1	~!	4									WW - Water SW - Surface
Project Co.	min Rob.	Email:	ATC AS	ccius	Project#	183	3E	MO	01	70	}		,		53	3						ŀ			Water SO - Soil
Phone #:	413 <i>– 781- 0</i> 0	70	•		Fax#										엨	Ž									SL-Sludge Oi - Oil
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MC50278: Chain of Custody

Page 1 of 2

SGS Accutest NE Sample Receipt Summary

Job Number: MC5027	78	Client:	ATC			Project: 2050 EAST MO	UNTAIN RD		
Date / Time Received: 5/1/201	7 5:35:00	РМ	Delivery Me	thod:	SGS COURIER	Airbill #'s:			
Cooler Temps (initial/Adjusted):	#1; (3.8	/3.3); #2;	3.9/3.4);						
Cooler Security Y or	<u>r_N_</u>		_	Y or N	Sample Integri	ity - Documentation	<u>Y</u> _0	or N	
Custody Seals Present:	✓	3. COC Pr			1. Sample labels	s present on bottles:	\checkmark		
2. Custody Seals Intact:	✓ 4	. Smpl Date	s/Time OK		2. Container lab	eling complete:	₽		
Cooler Temperature	Y or N	L.	,		Sample conta	iner label / COC agree:	V		
1. Temp criteria achieved:	2]			Sample Integr	rity - Condition	<u>Y</u> 0	r N	
2. Thermometer ID:	IRGUN1	<u>i; </u>			1. Sample recyd	Lwithin HT:	\checkmark		
3. Cooler media:	Ice (Ba	g)			2. All containers		✓		
4. No. Coolers:	2				3. Condition of s	ample:	In	tact	
Quality Control Preservation	Y or	N N/A			Sample Integr	rity - Instructions	Υ	r N	N/A
1. Trip Blank present / cooler:					1. Analysis requ		<u> </u>		-
2. Trip Blank listed on COC:						ved for unspecified tests		\mathbf{Z}	
3. Samples preserved properly:	☑ []			3. Sufficient vol	ume recvd for analysis:	V		
4. VOCs headspace free:	2 (4. Compositing	instructions clear;			✓
					5. Filtering instr	uctions clear:			2
Comments			*						
•									

MC50278: Chain of Custody

Page 2 of 2





Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup

WSC-CAM	Exhibit VII A
July 1, 2010	Revision No. 1
Final	

Exhibit VII A-2: MassDEP Analytical Protocol Certification Form

	Ma	ssDEP Analytical F	Protocol Certificatio	n Form				
Laboratory Name:	SGS Accutest- Marl	<u>borough</u>		Project #:	MC50	278		
Project Location:	2050 East Mountain	Road, Westfield, MA	\	MADEP RTN	None			
This form provides ce MC50278-2	rtifications for the following	gdata set: list Labora	atory Sample ID Num	bers(s)				-
Matrices: Gre CAM Protocol (check a	oundwater/Surface Water (X)	Soil/Sediment ()	Drinking Water ()	Air ()	·		Other	()
		li pentett ()	lacar positive ra	7400 11 0	<i>/</i>)		I	
8260 VOC ()	, · · ·		8081 Pesticides ()		()		Mass DEP APH	()
CAM IIA	CAM III B	CAM IV A	CAM V B	CAM VI B	<i>(</i>)		CAM IX A	
8270 SVOC () CAM II B	7010 Metals ()	MassDEP EPH ()	8151 Herbicides () CAM V C	CAM VIII A	()		TO-15 VOC CAM IX B	()
6010 Metals () CAM III A	6020 Metals () CAM III D	8082 PCB () CAM V A	9014 Total () Cyanide/PAC CAM VI A	6860 Perchlorate CAM VIII B	()			
Affirmative Re	sponses to Questions A	Through F are requi	ired for "Presumptiv	ve Certainty status	5			
A properly presen) in the field or labora	tory, and prepared/a	nalyzed within	V	Yes	□ No	
Were the analy	tical method(s) and all asso	ociated QC requireme	ents specified in the	selected CAM	v	Yes	□ No	
	ed corrective actions and a	nalytical response ac	tions specified in the	selected CAM		103		
	emented for all identified p				Ø	Yes	□ No	
	itory report comply with all nce and Quality Control Gualytical Data"?			AM VII A,	V	Yes	□No	:
E a. VPH, EPH, a	ੀ, and TO-15 only: nd APH Methods only: Wa ੇ (Refer to the individual m					Yes	□No	
b. APH and TO	-15 Methods only: Was the	e complete analyte lis	it reported for each n	nethod?		Yes	□ No	
	able CAM protocol QC and na laboratory narrative (in-				<u> </u>	Yes	No	
Responses to	questions G, H, and I bel	ow is required for "I	Presumptive Certair	nty" status				
selected CAM p					V	Yes		ſ
	 Data that achieve "Preativeness requirements d 				data u	seab	ility	
	rformance standards spec			***************************************	V	Yes	□ No	1
I Were results re	ported for the complete an	alyte list specified in t	the selected CAM pro	otocol(s)?	V	Yes	∐ No	
` All Negative re	sponses must be addres	sed in an attached l	Environmental Labo	oratory case narra	tive.			
inquiry of those resp	ttest under the pains and consible for obtaining the to the best of my knowle	e information, the m	aterial contained in					
Signature: 1450	e shelve-		Position: La	boratory Director				
Printed Name:	H. (Brad) Madadiar	1	Date:	12-May-17				

Internal Sample Tracking Chronicle

ATC Group Services LLC.

Job No:

MC50278

2050 East Mountain Road, Westfield, MA Project No: 183EM00170

Sample Number Method Analyzed Ву Prepped

Test Codes

MC50278-2 Collected; 28-APR-17 10:55 By: JB 2050 EAST MT-1

Received: 01-MAY-17 By: TF

MC50278-2 EPA 537 MOD

08-MAY-17 20:54 AFL 05-MAY-17 AFL LC537LIST

QC Evaluation: MA MCP Limits

Page 1 of 1

Job Number: Account:

MC50278

ATC Group Services LLC.

Project:

2050 East Mountain Road, Westfield, MA

Collected:

04/28/17

QC Sample ID

CAS#

Analyte

Sample Result Result

Units Limits

Type Type

No Exceptions found.



^{*} Sample used for QC is not from job MC50278



ACCUTEST New England

Section 6

Custody Documents and Other Forms
(SGS Accutest Southeast)

- Chain of Custody Sample Tracking Chronicle

Client Separating Information Project	DUD AC	CUTEST	50 D'Angelo E	Drive, 495 Techno	ology Cen	nter West,	Bldg One,	Mari	borous	n, M	A 017	52			Tracking #					arder Con					
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Allertonic Proper Proper Michael Mic		ax # Chini Purchase	Order #		City			٤	inte			Ζp		į							l				
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Side, 10 Business Bays	Turnaround Time (Business days)				[<u> </u>					Infor	malio	ń	_					C	omment	/ Speci	al Instru	ections			
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Commercial "C" \(\) \(\		*						٠,		•															
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Emergency & Routh T/A data available VA Lablink NJ Reduced :: Renkin + QC Summary + Parigal Raw data Sample Custody must be documented below each time samples change possession, including courier delivery. Reducated by Sampler: Reconstruction: Reconstructi	1 Day EMERGENCY				-			i≥ 'A'	= Reu			_				1									
Sample Custody must be documented below each time samples change possession, including courier delivery. Referented by: Referented By: 2																ļ									
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MC50278: Chain of Custody Page 1 of 3 SGS Accutest Southeast

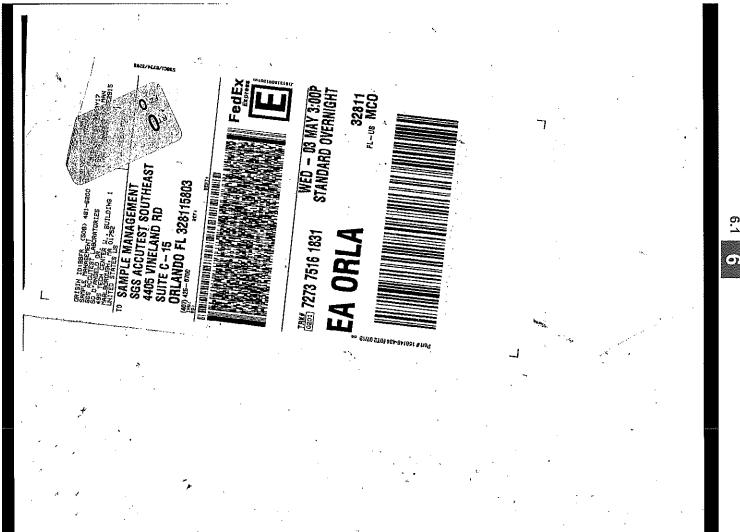
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SGS ACCUTEST - ORLANDO SAMPLE RECEIPT CONFIRMATION
SGS ACCUTEST'S JOB NUMBER: MC50278 CLIENT: ALNE PROJECT: 2050 East Mountain Ld.
DATE/TIME RECEIVED: 05/03/17 930 (MM/DD/YY 24:00) NUMBER OF COOLERS RECEIVED: 1
METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER DELIVERY OTHER:
AIRBILL NUMBERS: 7273 75/16 1831
CUSTODY SEAL NOT PRESENT OR NOT INTACT CHAIN OF CUSTODY NOT RECEIVED (COC) IR THERM ID OBSERVED TEMPS: 2. 4
ANALYSIS REQUESTED IS UNCLEAR OR MISSING CORRECTED TEMPS: 3-0 (USED FOR LIMS)
SAMPLE DATES OR TIMES UNCLEAR OR MISSING SAMPLE INFORMATION
TEMPERATURE CRITERIA NOT MET INCORRECT NUMBER OF CONTAINERS USED
SAMPLE RECEIVED IMPROPERLY PRESERVED
TRIP BLANK INFORMATION INSUFFICIENT VOLUME FOR ANALYSIS DATES/TIMES ON COC DO NOT MATCH SAMPLE LABET
DATE THE ON COLON HAZOR SAME DE DADE
TRIP BLANK NOT PROVIDED ID'S ON COC DO NOT MATCH LABEL VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
TRIP BLANK INTACT BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
TRIP BLANK NOT INTACT NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
RECEIVED WATER TRIP BLANK UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
RECEIVED SOIL TRIP BLANK SAMPLE CONTAINER(S) RECEIVED BROKEN
5035 FIELD KITS NOT RECEIVED WITHIN 48 HOURS
MISC. INFORMATION BULK VOA SOIL JARS NOT RECEIVED WITHIN 48 HOURS
NUMBER OF ENCORES ? 25-GRAM 5-GRAM % SOLIDS JAR NOT RECEIVED NUMBER OF 5035 FIELD KITS ? RESIDIAL CHI ORINE PRESENT LOTA
NYTHER DEVICE OF THE PROPERTY
NUMBER OF LAB FILTERED METALS? [APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS]
TEST STRIP LOT#s pH 0-3 230315 pH 10-12 219813A OTHER (specify)
SUMMARY OF COMMENTS:
TECHNICIAN SIGNATURE/DATE 15 05/03/17 REVIEWER SIGNATURE/DATE 65-03-17
NF 02/16 receipt confirmation 020116.xls
receipt confirmation 020116.xts

MC50278: Chain of Custody

Page 2 of 3



MC50278: Chain of Custody Page 3 of 3

Internal Sample Tracking Chronicle

SGS Accutest New England

Job No:

MC50278

ATCMAS: 2050 East Mountain Road, Westfield, MA Project No: 183EM00170

Sample

Number Method Analyzed

Ву Prepped

Ву

Received: 01-MAY-17 By: JC

Test Codes

MC50278-2 Collected: 28-APR-17 10:55 By: JB

2050 EAST MT-1

MC50278-2 EPA 537 MOD

08-MAY-17 20:54 NAF 05-MAY-17 MB

LC537LIST



ACCUTEST New England

Section 7

QC Data Sui	nmaries	
(SGS Accutest	Southeast)	

- Method Blank Summaries • Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
 Internal Standard Area Summaries
- Surrogate Recovery Summaries

Method Blank Summary Job Number: MC50278

Account:

Project:

ALNE SGS Accutest New England ATCMAS: 2050 East Mountain Road, Westfield, MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP64922-MB	2Q1105.D	1	05/08/17	NAF	05/05/17	OP64922	S2Q31
						• .	

The QC reported here applies to the following samples:

Method: EPA 537 MOD

MC50278-2

CAS No.	Compound	Result	RL	Units	Q
307-24-4	Perfluorohexanoic acid	ND	0.015	ug/I	
375-85-9	Perfluoroheptanoic acid	ND	0.015	ug/l	
335-67-1	Perfluorooctanoic acid	ND	0.015	ug/l	
375-95-1	Perfluorononanoic acid	ND	0.015	ug/l	
335-76-2	Perfluorodecanoic acid	ND	0.015	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	0.015	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.015	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.015	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.015	ug/l	
375-73-5	Perfluorobutanesulfonic acid	ND	0.015	ug/l	
355-46-4	Perfluorohexanesulfonic acid	ND	0.015	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.015	ug/l	
2355-31-9	MeFOSAA	0.0199	0.038	ug/l	J
2991-50-6	EtFOSAA	0.0231	0.038	ug/l	Ĵ
CAS No.	Surrogate Recoveries		Limits		
	13C2-PFHxA	122%	61-134	%	
	13C2-PFDA	122%	62-128		
	d5-EtFOSAA	110%	57-135		

Blank Spike Summary Job Number: MC50278

Account:

ALNE SGS Accutest New England

Project:

ATCMAS: 2050 East Mountain Road, Westfield, MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP64922-BS	2Q1104.D	1	05/08/17	NAF	05/05/17	OP64922	S2Q31

The QC reported here applies to the following samples:

Method: EPA 537 MOD

MC50278-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
307-24-4	Perfluorohexanoic acid	0.154	0.165	107	63-146
375-85-9	Perfluoroheptanoic acid	0.154	0.166	108	71-138
335-67-1	Perfluorooctanoic acid	0.154	0.160	104	74-137
375-95-1	Perfluorononanoic acid	0.154	0.161	105	76-140
335-76-2	Perfluorodecanoic acid	0.154	0.148	96	65-148
2058-94-8	Perfluoroundecanoic acid	0.154	0.124	81	57-138
307-55-1	Perfluorododecanoic acid	0.154	0.104	68	58-118
72629-94-8	Perfluorotridecanoic acid	0.154	0.0984	64	52-120
376-06-7	Perfluorotetradecanoic acid	0.154	0.105	68	49-122
375-73-5	Perfluorobutanesulfonic acid	0.154	0.164	107	73-148
355-46-4	Perfluorohexanesulfonic acid	0.154	0.173	112	74-142
1763-23-1	Perfluorooctanesulfonic acid	0.154	0.147	96	70-134
2355-31-9	MeFOSAA	0.154	0.154	100	57-128
2991-50-6	EtFOSAA	0.154	0.138	90	55-135
CAS No.	Surrogate Recoveries	BSP	Lim	iits	
	13C2-PFHxA	125%	61-1	134%	
	13C2-PFDA	120%	62-1	l 28 %	
	d5-EtFOSAA	103%	57-1	135%	

^{* =} Outside of Control Limits.

Semivolatile Internal Standard Area Summary

Job Number:

MC50278

Account:

ALNE SGS Accutest New England

Project:

ATCMAS: 2050 East Mountain Road, Westfield, MA

Check Std:
Lab File ID:

S2Q31-CC29

Injection Date: 05/08/17

201102.D Instrument ID: GCMS2Q

Injection Time: 15:38

Method:

EPA 537 MOD

	IS 1	IS 2	IS 3	IS 4	IS 5	IS 6
	AREA RT	AREA RT	AREA RT	AREA RT	AREA RT	AREA RT
Initial Cal a	69309 4.25	144240 6.71	81852 6.70	51619 7.28	28993 7.46	105323 10.91
Check Std ^b	72826 4.29	170039 6.75	86719 6.74	56653 7.33	32654 7.47	110223 11.26
Upper Limit ^c	103964 5.29	216360 7.75	122778 7.74	77429 8.33	43490 8.47	157985 12.26
Lower Limit ^d	34655 3.29	72120 5.75	40926 5.74	25810 6.33	14497 6.47	52662 10.26
Lab	IS 1	IS 2	IS 3	IS 4	IS 5	IS 6
Sample ID	AREA RT	AREA RT	AREA RT	AREA RT	AREA RT	AREA RT
OP64922-BS OP64922-MB MC50256-1 OP64922-MS OP64922-MSD ZZZZZZ ZZZZZZ	77527 4.29 73207 4.27 66584 4.27 69913 4.27 71909 4.29 68298 4.27 73808 4.29 71610 4.29	180626 6.75 159475 6.75 148591 6.75 162764 6.75 168189 6.75 168654 6.75 163869 6.75 158644 6.75	91540 6.74 85988 6.73 78624 6.74 82741 6.73 83660 6.74 85597 6.73 88092 6.74 83744 6.74	59846 7.31 56107 7.31 53175 7.33 54342 7.31 56148 7.33 59106 7.31 58014 7.31 56046 7.31	34361 7.47 33113 7.47 30291 7.47 30261 7.47 31992 7.47 30868 7.47 33066 7.47 32043 7.47	115073 11.20 100042 11.25 99264 11.25 102759 11.18 108082 11.25 109720 11.16 107232 11.19 105410 11.18

- = 13C3-PFPeAIS 1
- = 13C2-6:2FTSIS 2
- = 13C2-PFOAIS 3
- = 13C4-PFOSIS 4
- IS 5 = d3-MeFOSAA
- IS 6 = 13C2-PFDoDA
- (a) Initial Cal is: S2Q29-ICC29 2Q1024.D 05/04/17 14:12. Area is AVERAGE of initial cal points.
- (b) Check Std Limit = -50 to +50% of initial cal area.
- (c) Upper Limit = +50% of initial standard area; Retention time +1 minutes of check standard.
- (d) Lower Limit = -50% of initial standard area; Retention time -1 minutes of check standard.

Semivolatile Internal Standard Area Summary

Job Number:

MC50278 Account:

ALNE SGS Accutest New England

Project: ATCMAS: 2050 East Mountain Road, Westfield, MA

	Check Std:	S2Q31-CC29	Injection Date:	05/08/17
I	Check Std: Lab File ID:	2Q1112.D	Injection Time:	18:56
I	nstrument ID:	GCMS2Q	Method:	EPA 537 MOD

	IS 1 AREA RT	IS 2 AREA RT	IS 3 AREA RT	IS 4 AREA RT	IS 5 AREA RT	IS 6 AREA RT
Initial Cal a	69309 4.25	144240 6.71	81852 6.70	51619 7.28	28993 7.46	105323 10.91
Check Std b	75552 4.29	176953 6.75	90197 6.73	59252 7.31	34095 7.47	114518 11.21
Upper Limit ^c	103964 5.29	216360 7.75	122778 7.73	77429 8.31	43490 8.47	157985 12.21
Lower Limit d	34655 3.29	72120 5.75	40926 5.73	25810 6.31	14497 6.47	52662 10.21
Lab	IS 1	IS 2	IS 3	IS 4	IS 5	IS 6
Sample ID	AREA RT	AREA RT	AREA RT	AREA RT	AREA RT	AREA RT
ZZZZZZ	74741 4.29	164512 6.75	87661 6.74	58459 7.33	33742 7.47	111061 11.21
ZZZZZZ	74186 4.27	167160 6.75	88695 6.73	58044 7.31	33482 7.47	110164 11.18
ZZZZZZ	76999 4.29	172620 6.75	92133 6.74	61181 7.33	34440 7.47	117175 11.24
ZZZZZZ	77228 4.27	169761 6.75	91424 6.73	60463 7.31	34797 7.47	115291 11.24
MC50278-2	79518 4.29	177132 6.75	94052 6.74	62859 7.33	35604 7.47	118294 11.25
S2O31-ECC29	81590 4.29	188524 6.75	94461 6.74	63505 7.33	35393 7.49	121875 11.25

IS 1 = 13C3-PFPeA

IS 2 = 13C2-6:2FTS

IS 3 = 13C2-PFOA

IS 4 = 13C4-PFOS

IS 5 = d3-MeFOSAA

^{= 13}C2-PFDoDAIS 6

⁽a) Initial Cal is: S2Q29-ICC29 2Q1024.D 05/04/17 14:12. Area is AVERAGE of initial cal points.

⁽b) Check Std Limit = -50 to +50% of initial cal area.

⁽c) Upper Limit = +50% of initial standard area; Retention time +1 minutes of check standard.

⁽d) Lower Limit = -50% of initial standard area; Retention time -1 minutes of check standard.

Semivolatile Surrogate Recovery Summary

Page 1 of 1

Job Number: MC50278

Account:

ALNE SGS Accutest New England

Project:

ATCMAS: 2050 East Mountain Road, Westfield, MA

Method: EPA 537 MOD

Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC50278-2	2Q1118.D	122	96	104
OP64922-BS	2Q1104.D	125	120	103
OP64922-MB	2Q1105.D	122	122	110

Surrogate Compounds Recovery Limits

S1 = 13C2-PFHxA61-134% 62-128% S2 = 13C2-PFDAS3 = d5-EtFOSAA57-135%



Commonwealth of Massachusetts Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

Western Regional Office • 436 Dwight Street, Springfield MA 01103 • 413-784-1100

Charles D. Baker Governor

Karyn E. Polito Lieutenant Governor Matthew A. Beaton Secretary

> Martin Suuberg Commissioner

May 23, 2017

Peter & Nadezhda Babinov 95 Old Holyoke Road Westfield, MA 01085

Re:

Notice of Environmental Sampling Westfield Private Well Sampling Barnes Air National Guard Base Westfield, RTN 1-20093

Dear Mr. & Mrs. Babinov:

The Department of Environmental Protection collected a drinking water sample from your private well on April 28, 2017. The purpose of the sampling was to investigate whether your well has been affected by a release of perfluorinated compounds (PFCs) to local groundwater. The sample was sent to a certified laboratory and analyzed for PFC compounds by modified United States Protection Agency (EPA) Method 317.1. **The sampling results indicate PFC compounds were not detected above the laboratory reporting level (RL) of 16 parts per trillion (ppt).** The EPA Health Advisory Level is 70 ppt. This health advisory level offers a margin of protection for all Americans throughout their life from adverse health effects resulting from exposure to PFCs in drinking water. Based on the absence of detectable PFC compounds in the sample collected from your well, no further action, including additional sampling and/or mitigation measures (i.e. bottled water) are required at this time. The Department thanks you for granting access to your property.

If you have any questions pertaining to this Notice of Environmental Sampling or with the information contained within, please feel free to contact David Bachand at (413) 755-2221 or Cynthia Pawloski at (413) 755-2247.

Sincerely,

Eva Tor

Deputy Regional Director Bureau of Waste Site Cleanup

¹ Fact Sheet PFOA & PFOS Drinking Water Health Advisories. EPA, EPA 800 F-16-003, June 2016

Notice of Environmental Sampling 95 Old Holyoke Road Westfield, RTN 1-20093 May 23, 2017 Page 2 of 2

Attachments: Notice of Environmental Sampling (BWSC-123)

Laboratory Report

ec: w/all NOES Letters and Lab Reports:

Mayor, City of Westfield Barnes ANG-John Richardson

Barnes Aquifer Protection Committee

Westfield DPW – David Billips Westfield Health Department

Dr. Marc A. Nascarella, Ph.D/DPH

cc: Denise Andler, DEP WERO

Data Entry: FOLOFF,

Massachusetts Department of Environmental Protection *Bureau of Waste Site Cleanup*

BWSC123

This Notice is Related to: Release Tracking Number

1	-	20093

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):			
Street Address: 175 Falcon Drive			
City/Town: Westfield	Zip Code:	01085	
B. This notice is being provided to the follow	ving party:		
Name: Peter & Nadezhda Babinov			
2. Street Address: 95 Old Holyoke Road			
City/Town: Westfield	Zip Code:	01085	
C. This notice is being given to inform its re	cipient (the	party listed in Section B):	
1. That environmental sampling will be/h	nas been con	ducted at property owned by the recipient of this notice.	
✓ 2. Of the results of environmental samp	ling conducte	ed at property owned by the recipient of this notice.	
 3. Check to indicate if the analytical rest the environmental sampling must be att 		ched. (If item 2. above is checked, the analytical results from notice.)	
D. Location of the property where the enviro	nmental sar	npling will be/has been conducted:	
Street Address: 95 Old Holyoke Road		·	
City/Town: Westfield	Zip Code:	01085	
2. MCP phase of work during which the sampling	ng will be/has	been conducted:	
Immediate Response Action		e III Feasibility Evaluation e IV Remedy Implementation Plan	
☐ Release Abatement Measure☐ Utility-related Abatement Measure		e V/Remedy Implementation Flatt e V/Remedy Operation Status	
Phase I Initial Site Investigation		Temporary Solution Operation, Maintenance and Monitoring	
☐ Phase II Comprehensive Site Assessmen		(specify)	
3. Description of property where sampling will be			
	industrial	school/playground Other (specify)	
4 Description of the sampling locations and tyr	nes (e.a. soil	, groundwater, indoor air, soil gas) to the extent known at the	
time of this notice.		, 92	
		vate well located on the above-referenced	
property and analyzed for PFAS compo	unds via E	PA Method 537.1.	
E. Contact information related to the party pr	=	notice:	
Contact Name: Department of Environmments 436 Dwight Street	ai Frotection		
Street Address: 436 Dwight Street City/Town: Springfield	Zip Code:	01103	
Telephone: (413) 755-2221	•	avid.bachand.jr@state.ma.us	



Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to: Release Tracking Number

20093

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in Section E on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the Release Tracking Number listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Revised: 5/30/2014 Page 2 of 2



ACCUTEST New England

05/15/17

SGS ACCUTEST IS PART OF SGS, THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY.

SGS

e-Hardcopy 2.0
Automated Report





Technical Report for

ATC Group Services LLC.

95 Old Holyoke Road, Westfield, MA

183EM00170

SGS Accutest Job Number: MC50273

Sampling Date: 04/28/17

Report to:

ATC Group Services LLC. 73 Williams Franks Drive West Springfield, MA 01089 rob.smith@atcassociates.com

ATTN: Rob Smith

Total number of pages in report: 25



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

H. (Brad) Madadian Lab Director

Client Service contact: Jeremy Vienneau 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) FL (E87579) NJ (MA926) PA (6801121) LA (A1171119) ND (R-188) NC (653) IL (002337) WI (399080220) DoD ELAP (L-A-B L2235)

This report shall not be reproduced, except in its entirety, without the written approval of SGS Accutest. Test results relate only to samples analyzed.

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-1-

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Section 3: Summary of Hits	
Section 4: Sample Results	
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Section 5: Misc. Forms	
5.1: Chain of Custody	
5.2: MCP Form	
5.3: Sample Tracking Chronicle	
5.4: QC Evaluation: MA MCP Limits	
Section 6: Misc. Forms (SGS Accutest Southeast)	
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Sample Summary

ATC Group Services LLC.

Job No:

MC50273

95 Old Holyoke Road, Westfield, MA Project No: 183EM00170

Sample Number	Collected Date	Time By	Received	Matri Code		Client Sample ID
MC50273-2	2 04/28/17	09:00 JB	05/01/17	AQ	Ground Water	95 OLD HOLYOKE-1

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: ATC Group Services LLC. Job No

MC50273

Site:

95 Old Holyoke Road, Westfield, MA

Report Date

5/12/2017 2:35:17 PM

1 Sample was collected on 04/28/2017 and were received at SGS Accutest New England on 05/01/2017 properly preserved, at 3.4 Deg. C and intact. These Samples received a job number of MC50273. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Extractables by GCMS By Method EPA 537 MOD

Matrix: AQ

Batch ID: F:OP64922

MC50273-2: Analysis performed at SGS Accutest, Orlando FL.

SGS Accutest New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety. The Laboratory Director for SGS Accutest New England or assignee as verified by the signature on the cover page has authorized the release of this report(MC50273).

2.1

2

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:

SGS Accutest New England

Job No:

MC50273

Site:

ATCMAS: 95 Old Holyoke Road, Westfield, MA

Report Date

5/12/2017 1:10:58 PM

1 Sample(s) were collected on 04/28/2017 and were received at SGS Accutest Southeast (SASE) on 05/03/2017 properly preserved, at 3 Deg. C and intact. These Samples received an SASE job number of MC50273. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Extractables by GCMS By Method EPA 537 MOD

Matrix: AQ

Batch ID: OP64922

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

SGS Accutest (SASE) certifies that this report meets the project requirements for analytical data produced for the samples as received at SASE and as stated on the COC. SASE certifies that the data meets the Data Quality Objectives for precision, accuracy and completeness as specified in the SASE Quality Manual except as noted above. This report is to be used in its entirety. SASE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:			
Kim Benham, Client Services (signature on file)			

Date May 12, 2017

Page 1 of 1

Summary of Hits
Job Number: MC50273

Page 1 of 1

Account:

Project:

ATC Group Services LLC. 95 Old Holyoke Road, Westfield, MA

Collected:

04/28/17

Lab Sample ID	Client Sample ID	Result/				
Analyte		Qual	RL	MDL	Units	Method

MC50273-2

95 OLD HOLYOKE-1

No hits reported in this sample.



ACCUTEST

Section 4

14,
Œ

Sample Results	
Depart of Analysis	
Report of Analysis	

Report of Analysis

Client Sample ID: 95 OLD HOLYOKE-1

MC50273-2

Lab Sample ID: Matrix:

Method:

Project:

AQ - Ground Water

EPA 537 MOD EPA 537 MOD 95 Old Holyoke Road, Westfield, MA

Date Sampled: 04/28/17 Date Received: 05/01/17

Percent Solids: n/a

File ID DF Analyzed Prep Date **Analytical Batch** By Prep Batch Run #1 a 2Q1117.D 05/08/17 1 AFL 05/05/17 F:OP64922 F:S2Q31 Run #2

Final Volume Initial Volume

Run #1 Run #2 1.0 ml

Perfluorinated Alkyl Acids

125 ml

CAS No.	Compound	Result	RL	Units Q
307-24-4	Perfluorohexanoic acid	ND	0.016	ug/l
375-85-9	Perfluoroheptanoic acid	ND	0.016	ug/l
335-67-1	Perfluorooctanoic acid	ND	0.016	ug/I
375-95-1	Perfluorononanoic acid	ND	0.016	ug/I
335-76-2	Perfluorodecanoic acid	ND	0.016	ug/I
2058-94-8	Perfluoroundecanoic acid	ND	0.016	ug/l
307-55-1	Perfluorododecanoic acid	ND	0.016	ug/l
72629-94-8	Perfluorotridecanoic acid	ND	0.016	ug/l
376-06-7	Perfluorotetradecanoic acid	ND	0.016	ug/l
375-73-5	Perfluorobutanesulfonic acid	ND	0.016	ug/l
355-46-4	Perfluorohexanesulfonic acid	ND	0.016	ug/l
1763-23-1	Perfluorooctanesulfonic acid	ND	0.016	ug/l
2355-31-9	MeFOSAA	ND	0.040	ug/l
2991-50-6	EtFOSAA	ND	0.040	ug/l
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
	13C2-PFHxA	119%		61-134%
	13C2-PFDA	105%		62-128%
	d5-EtFOSAA	100%		57-135%

(a) Analysis performed at SGS Accutest, Orlando FL.

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



New England

Section 5

Misc. Forms	U
Custody Documents and Other Forms	

Includes the following where applicable:

- Chain of CustodyMCP Form

- Sample Tracking ChronicleQC Evaluation: MA MCP Limits

Lab Use Only: Cooler Temperature (s) Celsius:

ACCUTEST

SGS Accutest Chain of Custody

SGS ACCUTEST JOB # : PAGE 4405 Vizeland Road, Suite C-15 Ortando, Ff 32811 THL 407-425-6700 FAX: 497-425-0707 www.6ccutest.com SKIFF# SGS Accutest Quote # Client / Reporting Information Project Information Matrix Codes iompany Name: ATC Group Services Project Name: 95 old Holyoke Road DW - Drinking Water ノアが形 16TEX ASTERN, Hardwess, 16C HOLYOKE RO Address: 73 William Franks GW - Ground Water WW - Water SW - Surface Project# 10 - city: Nest Stringtevictor MA- zip: 01089 Project Contact: ROB SINTING ATCASSOLAT Water SO - Soil SL- Sludge 183EM00170 53, thone#: 413-781-0070 exT-101 Sampler(s) Nama(s) (Printed)
Sampler 1: TOJCA S (M. Sampler 2: Method Of - Oil LIQ - Other Liquid Client Purchase Order # OLLECTION SGS 密 Sample # Field ID / Point of Collection 95 old Hulyoke Fleud Blank 4-260 655 JB 6-10 old Hulyoke - 1 4-2817 900 JB 6-10 old Hulyoke - 2 4-2817 901 JB GW LAB USE ONLY 950W Holyoke-1 2 χ 95 old Hulyoke-2 INTIAL ASESSMENT BEL VERIFIC Turnaround Time (Business days) Data Deliverable Information STANdard TAT 10 Day (Business) COMMERCIAL "A" (RESULTS ONLY) Hold Field blank and Sample - 2 7 Day COMMERCIAL "B" (RESULTS PLUS QC) 5 Day REDT1 (EPA LEVEL 3) 3 Day RUSH FULLT1 (EPA LEVEL 4) 2 Day RUSH EDD'S 1 Day RUSH Other Rush T/A Data Available VIA Email or Labilink

Sample Custody must be documented below each time samples change possession, including course Reinquished by Sampler/Affillation Received By/Affillation

2 San Le Cert 12-12-12-10 Relinquished By/Affiliation
3 47 C Received By/Attiliation Date Time: 28-17 1600 1-17 1035 4

MC50273: Chain of Custody

3.9 = 3 8

Page 1 of 2

SGS Accutest NE Sample Receipt Summary

Job Number: MC50	273		Client: ATC			Project: 95 OLD HOL	YOKE RD		
Date / Time Received: 5/1/2	017 5:3	35:00 PM	Deliver	y Method:	s	GS COURIER Airbill #'s:			
Cooler Temps (Initial/Adjusted	i): #1	: (3,9/3.4); #2: (3.8/3.3);	·····					
Cooler Security 1. Custody Seals Present: 2. Custody Seals Intact: Cooler Temperature 1. Temp criteria achieved: 2. Thermometer ID: 3. Cooler media: 4. No. Coolers:	☑ IR	3, (COC Present: pt Dates/Time Of	<u>Y or</u>	<u>N</u>	Sample Integrity - Documentation 1. Sample labels present on bottles: 2. Container labeling complete: 3. Sample container label / COC agree: Sample Integrity - Condition 1. Sample recyd within HT: 2. All containers accounted for: 3. Condition of sample:	Y Ø Ø Y	or N. or N.	
Quality Control Preservation 1. Trip Blank present / cooler: 2. Trip Blank listed on COC: 3. Samples preserved properly: 4. VOCs headspace free:	<u>Y</u>	or N	N/A			Sample Integrity - Instructions 1. Analysis requested is clear: 2. Bottles received for unspecified tests 3. Sufficient volume recyd for analysis: 4. Compositing instructions clear: 5. Filtering instructions clear:	<u>Y</u>	or N	N/A ☑
Comments							Lace		

MC50273: Chain of Custody Page 2 of 2



Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup

WSC-CAM	Exhibit VII A
July 1, 2010	Revision No. 1
Final	

Exhibit VII A-2: MassDEP Analytical Protocol Certification Form

	Ma	ssDEP Analytical F	rotocol Certificatio	n Form								
Laboratory Name:	SGS Accutest- Marl	borough	_	Project #:	MC502	273						
Project Location:	95 Old Holyoke Roa	id, Westfield, MA		MADEP RTN	None							
This form provides certifications for the following data set: list Laboratory Sample ID Numbers(s) MC50273-2												
Matrices: Groundwater/Surface Water (X) Soil/Sediment () Drinking Water () Air () Other () CAM Protocol (check all that apply below):												
			I	1								
8260 VOC ()	1 ''	1 ''	8081 Pesticides ()		()		Mass DEP APH	()				
CAM IIA	CAM III B	CAM IV A	CAMVB	CAM VI B			CAM IX A					
8270 SVOC () CAM II B	CAM III C	CAM IV B	8151 Herbicides () CAM V C	CAM VIII A	()		TO-15 VOC CAM IX B	()				
6010 Metals () CAM III A	6020 Metals () CAM III D	8082 PCB () CAM V A	9014 Total () Cyanide/PAC CAM VI A	6860 Perchlorate CAM VIII B	()							
Affirmative Resp	Affirmative Responses to Questions A Through F are required for "Presumptive Certainty status											
A properly preserve method holding ti) in the field or labora	tory, and prepared/a	nalyzed within	∀	Yes	□ No					
· -	al method(s) and all asso	ociated QC requireme	ents specified in the s	selected CAM		V	["] Ni-					
	corrective actions and a	nalytical response ac	tions specified in the	selected CAM	<u> </u>	Yes	☐ No					
C protocol(s) impler	nented for all identified pory report comply with all	erformance standard	non-conformances?		7	Yes	□No					
D "Quality Assurance Reporting of Anal	ce and Quality Control Gu ytical Data"?			AIVI VII A,	V	Yes	□ No					
	and TO-15 only: I APH Methods only: Wa (Refer to the individual m					Yes	□ No					
	5 Methods only: Was the					Yes						
	le CAM protocol QC and a laboratory narrative (inc				V	Yes	∐ No					
Responses to qu	uestions G, H, and I belo	ow is required for "I	Presumptive Certair	nty" status								
G Were the reporting selected CAM pro	g limits at or below all CA	AM reporting limits sp	ecified in the		7	Yes	☐ No	1				
Data User Note:	Data that achieve "Preveness requirements d				data us	seab	ility					
	ormance standards speci			¥¥3C*07*330.	v	Yes	□ No	1				
	orted for the complete and			otocol(s)?	V	Yes						
¹ All Negative resp	oonses must be addres	sed in an attached l	Environmental Labo	oratory case narra	tive.							
inquiry of those respo	est under the pains and insible for obtaining the the best of my knowled	information, the m	aterial contained in									
Signature: /fx/h/m	<u> </u>		 	boratory Director								
Printed Name:	H. (Brad) Madadian		Date:	12-May-17								

Internal Sample Tracking Chronicle

ATC Group Services LLC.

Job No:

MC50273

95 Old Holyoke Road, Westfield, MA Project No: 183EM00170

Sample

Number Method Analyzed

Ву Prepped Ву

Received: 01-MAY-17 By: TF

Test Codes

MC50273-2 Collected: 28-APR-17 09:00 By: JB

95 OLD HOLYOKE-1

MC50273-2 EPA 537 MOD

08-MAY-17 20:34 AFL 05-MAY-17 AFL LC537LIST

QC Evaluation: MA MCP Limits Job Number:

MC50273

Account:

ATC Group Services LLC.

Project:

95 Old Holyoke Road, Westfield, MA

Collected:

04/28/17

QC Sample ID

CAS#

Analyte

Sample Result Result

Units Limits

Page 1 of 1

Type Type

No Exceptions found.

^{*} Sample used for QC is not from job MC50273



ACCUTEST New England

Section 6

Misc. Forms	
Custody Docu	ments and Other Forms
(SGS Accutest S	Southeast)

- Chain of Custody Sample Tracking Chronicle

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	Client / Reporting Information		- :			* *8*.***							+		Zemie	Kran br	invaria	Feen	TEST	CODE	e haaf			Malrix Codes
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	Angelo Drive,	Street				_			_			_	=		[`	·	-	:::-: ·			1		-	WW - Water SW - Surface Water
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SGS Josephi Derphi F						Ì		Π,	. _	* L	ä	표		5	86		Ì	- 1			1	1		
Comple F	Field ID / Point of Collection	MECHIDI VALI	Date	Time	by Banykii	Maria	# of bottle	皇	1	8 3	Įš,		:	3	题丨		- 1	- 1	ı		ı	- 1	- }	LAB USE ONLY
1	95 OLD HOLYOKE FIELD BLAN	iK .	4/28/17	8:55:00 AM	1B	PA	1	П	T	×	П		\top	\top	x									
2	95 OLD HOLYOKE-1		4/28/17	9:00:00 AM	JB	AQ	1	\top	T	l t	П		+	x			-	-			_	-		
3	95 OLD HOLYOKE-2		4/28/17	9:01:00 AM	JB	AQ	1	†	╁	H.	↤	+1	+		x T						-	-+		
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	Turnaround Time (Business days)						Data	Delive	rable	Inform	alion			1					Comn	nenta/S	pedal	instructi	ons	
	Sid. 10 Business Days	Approved By (SQS	Accusest PM): / Date	ı:	_		ini "A" (L			_	-	ASP Cal			s	hip to A	LSE	10 Da	y TAT					
	3 Day RUSH						ia3°6° (L Level 3+4				-	ASP Cal		В	- 1									
	3 Day EMERGENCY					4J Redue		• •		-	-	O Farm												
	2 Day EMERGENCY				,	Commerç				******	-	ne MA			- 1									
	1 Day ENERGENCY						Commerc	ial 'A'	r Resi	iks Only	í				\neg									
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MC50273: Chain of Custody Page 1 of 3 SGS Accutest Southeast

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SGS ACCUTEST - ORLANDO SA SGS ACCUTEST'S JOB NUMBER: MC50273 CLIENT: A DATE/TIME RECEIVED: 05/03/17 930 (MM/DD/YY 24:00) METHOD OF DELIVERY: FEDEX UPS ACCUTEST CO AIRBILL NUMBERS: 7273 75/16 1831	PROJECT: 95 Old Holyoke Rd. NUMBER OF COOLERS RECEIVED: 1
CHAIN OF CUSTODY NOT RECEIVED (COC) ANALYSIS REQUESTED IS UNCLEAR OR MISSING SAMPLE DATES OR TIMES UNCLEAR OR MISSING TEMPERATURE CRITERIA NOT MET	TEMPERATURE INFORMATION IR THERM ID
TRIP BLANK PROVIDED X TRIP BLANK NOT PROVIDED X TRIP BLANK NOT ON COC TRIP BLANK INTACT TRIP BLANK NOT INTACT RECEIVED WATER TRIP BLANK RECEIVED SOIL TRIP BLANK	NSUFFICIENT VOLUME FOR ANALYSIS DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL D'S ON COC DO NOT MATCH LABEL /OC VIALS HAVE HEADSPACE (MACRO BUBBLES) BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED BOTTLES RECEIVED FOR ANALYSIS REQUESTED BNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS AMPLE CONTAINER(S) RECEIVED BROKEN 035 FIELD KITS NOT RECEIVED WITHIN 48 HOURS
MISC. INFORMATION NUMBER OF ENCORES ? 25-GRAM 5-GRAM 7 NUMBER OF 5035 FIELD KITS ? NUMBER OF LAB FILTERED METALS ?	ULK VOA SOIL JARS NOT RECEIVED WITHIN 48 HOURS 6 SOLIDS JAR NOT RECEIVED ESIDUAL CHLORINE PRESENT LOT# {APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS} 19813A OTHER (specify)
TECHNICIAN SIGNATURE/DATE 15/03/17 REVIEW NF 02/16 receipt confirma	ER SIGNATURE/DATE COS-03-17 ion 020116.xls

MC50273: Chain of Custody Page 2 of 3



MC50273: Chain of Custody Page 3 of 3

Internal Sample Tracking Chronicle

SGS Accutest New England

Job No:

MC50273

ATCMAS: 95 Old Holyoke Road, Westfield, MA Project No: 183EM00170

Sample

Method Number

Analyzed

Prepped

By

Received: 01-MAY-17 By: JC

Test Codes

MC50273-2 Collected: 28-APR-17 09:00 By: JB

95 OLD HOLYOKE-1

MC50273-2 EPA 537 MOD

08-MAY-17 20:34 NAF 05-MAY-17 MB

LC537LIST



ACCUTEST New England

Section 7

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	the state of the s	医乳腺性性切除性肠炎 化二氢基磺胺酚				
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QC Data Summaries

(SGS Accutest Southeast)

Includes the following where applicable:

- · Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Internal Standard Area Summaries
- Surrogate Recovery Summaries



Method Blank Summary Job Number: MC50273

Account:

Project:

ALNE SGS Accutest New England ATCMAS: 95 Old Holyoke Road, Westfield, MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP64922-MB	2Q1105.D	1	05/08/17	NAF	05/05/17	OP64922	S2Q31

The QC reported here applies to the following samples:

Method: EPA 537 MOD

MC50273-2

CAS No.	Compound	Result	RL	Units	Q	
307-24-4	Perfluorohexanoic acid	ND	0.015	ug/l		
375-85-9	Perfluoroheptanoic acid	ND	0.015	ug/l		
335-67-1	Perfluorooctanoic acid	ND	0.015	ug/l		
375-95-1	Perfluorononanoic acid	ND	0.015	ug/l		
335-76-2	Perfluorodecanoic acid	ND	0.015	ug/l		
2058-94-8	Perfluoroundecanoic acid	ND	0.015	ug/l		
307-55-1	Perfluorododecanoic acid	ND	0.015	ug/I		
72629-94-8	Perfluorotridecanoic acid	ND	0.015	ug/l		
376-06-7	Perfluorotetradecanoic acid	ND	0.015	ug/l		
375-73-5	Perfluorobutanesulfonic acid	ND	0.015	ug/l		
355-46-4	Perfluorohexanesulfonic acid	ND .	0.015	ug/l		
1763-23-1	Perfluorooctanesulfonic acid	ND	0.015	ug/l		
2355-31-9	MeFOSAA	0.0199	0.038	ug/l	J	
2991-50-6	EtFOSAA	0.0231	0.038	ug/l	J	
						
CAS No.	Surrogate Recoveries	Limits				
	13C2-PFHxA	122%	61-134			
	13C2-PFDA	122% 62-128%				
	d5-EtFOSAA	110%	%			

Account:

ALNE SGS Accutest New England

Project: ATCMAS: 95 Old Holyoke Road, Westfield, MA

Sample File ID DF Prep Batch Analytical Batch Analyzed Ву Prep Date OP64922-BS 05/08/17 OP64922 S2Q31 2Q1104.D 1 NAF 05/05/17

The QC reported here applies to the following samples:

Method: EPA 537 MOD

MC50273-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
307-24-4	Perfluorohexanoic acid	0.154	0.165	107	63-146
375-85-9	Perfluoroheptanoic acid	0.154	0.166	108	71-138
335-67-1	Perfluorooctanoic acid	0.154	0.160	104	74-137
375-95-1	Perfluorononanoic acid	0.154	0.161	105	76-140
335-76-2	Perfluorodecanoic acid	0.154	0.148	96	65-148
2058-94-8	Perfluoroundecanoic acid	0.154	0.124	81	57-138
307-55-1	Perfluorododecanoic acid	0.154	0.104	68	58-118
72629-94-8	Perfluorotridecanoic acid	0.154	0.0984	64	52-120
376-06-7	Perfluorotetradecanoic acid	0.154	0.105	68	49-122
375-73-5	Perfluorobutanesulfonic acid	0.154	0.164	107	73-148
355-46-4	Perfluorohexanesulfonic acid	0.154	0.173	112	74-142
1763-23-1	Perfluorooctanesulfonic acid	0.154	0.147	96	70-134
2355-31-9	MeFOSAA	0.154	0.154	100	57-128
2991-50-6	EtFOSAA	0.154	0.138	90	55-135
CAS No.	Surrogate Recoveries	BSP	Lim	ıits	

 pari again repea, erres	201 211110
13C2-PFHxA	125% 61-134%
13C2-PFDA	120% 62-128%
d5-EtFOSAA	103% 57-135%

^{* =} Outside of Control Limits.

Semivolatile Internal Standard Area Summary

Job Number:

MC50273

Account:

ALNE SGS Accutest New England

Project:

ATCMAS: 95 Old Holyoke Road, Westfield, MA

S2Q31-CC29

Injection Date: 05/08/17 Injection Time: 15:38

2Q1102.D Lab File ID: Instrument ID: GCMS2Q

Method:

EPA 537 MOD

	IS 1	IS 2	IS 3	IS 4	IS 5	IS 6
	AREA RT	AREA RT	AREA RT	AREA RT	AREA RT	AREA RT
Initial Cal a	69309 4.25	144240 6.71	81852 6.70	51619 7.28	28993 7.46	105323 10.91
Check Std ^b	72826 4.29	170039 6.75	86719 6.74	56653 7.33	32654 7.47	110223 11.26
Upper Limit ^c	103964 5.29	216360 7.75	122778 7.74	77429 8.33	43490 8.47	157985 12.26
Lower Limit ^d	34655 3.29	72120 5.75	40926 5.74	25810 6.33	14497 6.47	52662 10.26
Lab	IS 1	IS 2	IS 3	IS 4	IS 5	IS 6
Sample ID	AREA RT	AREA RT	AREA RT	AREA RT	AREA RT	AREA RT
OP64922-BS	77527 4.29	180626 6.75	91540 6.74	59846 7.31	34361 7.47	115073 11.20
	73207 4.27	159475 6.75	85988 6.73	56107 7.31	33113 7.47	100042 11.25
OP64922-MB MC50256-1	66584 4.27	148591 6.75	78624 6.74	53175 7.33	30291 7.47	99264 11.25
OP64922-MS	69913 4.27	162764 6.75	82741 6.73	54342 7.31	30261 7.47	102759 11.18
OP64922-MSD	71909 4.29	168189 6.75	83660 6.74	56148 7.33	31992 7.47	108082 11.25
ZZZZZZ	68298 4.27	168654 6.75	85597 6.73	59106 7.31	30868 7.47	109720 11.16
ZZZZZZ	73808 4.29	163869 6.75	88092 6.74	58014 7.31	33066 7.47	107232 11.19
ZZZZZZ	71610 4.29	158644 6.75	83744 6.74	56046 7.31	32043 7.47	105410 11.18

- = 13C3-PFPeAIS 1
- = 13C2-6:2FTSIS 2
- = 13C2-PFOAIS 3
- = 13C4-PFOSIS 4
- IS 5 = d3-MeFOSAA
- = 13C2-PFDoDAIS 6
- (a) Initial Cal is: S2Q29-ICC29 2Q1024.D 05/04/17 14:12. Area is AVERAGE of initial cal points.
- (b) Check Std Limit = -50 to +50% of initial cal area.
- (c) Upper Limit = +50% of initial standard area; Retention time +1 minutes of check standard.
- (d) Lower Limit = -50% of initial standard area; Retention time -1 minutes of check standard.

Semivolatile Internal Standard Area Summary

Job Number: MC50273

Account: ALN

ALNE SGS Accutest New England

Project: ATCMAS: 95 Old Holyoke Road, Westfield, MA

Check Std: S2Q31-CC29 Injection Date: 05/08/17
Lab File ID: 2Q1112.D Injection Time: 18:56
Instrument ID: GCMS2Q Method: EPA 537 MOD

	IS 1 AREA RT	IS 2 AREA RT	IS 3 AREA RT	IS 4 AREA RT	IS 5 AREA RT	IS 6 AREA RT
Initial Cal ^a	69309 4.25	144240 6.71	81852 6.70	51619 7.28	28993 7.46	105323 10.91
Check Std ^b	75552 4.29	176953 6.75	90197 6.73	59252 7.31	34095 7.47	114518 11.21
Upper Limit ^c	103964 5.29	216360 7.75	122778 7.73	77429 8.31	43490 8.47	157985 12.21
Lower Limit ^d	34655 3.29	72120 5.75	40926 5.73	25810 6.31	14497 6.47	52662 10.21
Lah	TS 1	IS 2	TS 3	IS A	IS 5	IS 6

Lab	IS 1		IS 2		IS 3		IS 4		IS 5		IS 6	
Sample ID	AREA	RT	AREA	RT	AREA	RT	AREA	RT	AREA	RT	AREA RT	
ZZZZZZ	74741	4.29	164512	6.75	87661	6.74	58459	7.33	33742	7.47	111061 11.2	1
ZZZZZZ	74186	4.27	167160	6.75	88695	6.73	58044	7.31	33482	7.47	110164 11.18	3
ZZZZZZ	76999	4.29	172620	6.75	92133	6.74	61181	7.33	34440	7.47	117175 11.24	1
MC50273-2	77228	4.27	169761	6.75	91424	6.73	60463	7.31	34797	7.47	115291 11.24	1
ZZZZZZ	79518	4.29	177132	6.75	94052	6.74	62859	7.33	35604	7.47	118294 11.25	õ
S2Q31-ECC29	81590	4.29	188524	6.75	94461	6.74	63505	7.33	35393	7.49	121875 11.25	õ

IS 1 = 13C3-PFPeA

IS 2 = 13C2-6:2FTS

IS 3 = 13C2-PFOA

IS 4 = 13C4-PFOS

IS 5 = d3-MeFOSAA

IS 6 = 13C2-PFDoDA

- (a) Initial Cal is: S2Q29-ICC29 2Q1024.D 05/04/17 14:12. Area is AVERAGE of initial cal points.
- (b) Check Std Limit = -50 to +50% of initial cal area.
- (c) Upper Limit = +50% of initial standard area; Retention time +1 minutes of check standard.
- (d) Lower Limit = -50% of initial standard area; Retention time -1 minutes of check standard.

Semivolatile Surrogate Recovery Summary Job Number: MC50273

Account:

ALNE SGS Accutest New England

Project:

ATCMAS: 95 Old Holyoke Road, Westfield, MA

Method: EPA 537 MOD

Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S 1	S2	S3
MC50273-2	2Q1117.D	125	105	100
OP64922-BS	2Q1104.D		120	103
OP64922-MB	2Q1105.D		122	110

Surrogate Compounds

Recovery Limits

S1 = 13C2-PFHxA61-134% S2 = 13C2-PFDA62-128% S3 = d5-EtFOSAA57-135%

Page 1 of 1



Commonwealth of Massachusetts Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

Western Regional Office • 436 Dwight Street, Springfield MA 01103 • 413-784-1100

Charles D. Baker Governor

Karyn E. Polito Lieutenant Governor Matthew A. Beaton Secretary

> Martin Suuberg Commissioner

May 23, 2017

David & Gale Brown 20 Ridge Trail Road Westfield, MA 01085

Re:

Notice of Environmental Sampling Westfield Private Well Sampling Barnes Air National Guard Base Westfield, RTN 1-20093

Dear Mr. & Mrs. Brown:

The Department of Environmental Protection collected a drinking water sample from your private well on April 28, 2017. The purpose of the sampling was to investigate whether your well has been affected by a release of perfluorinated compounds (PFCs) to local groundwater. The sample was sent to a certified laboratory and analyzed for PFC compounds by modified United States Protection Agency (EPA) Method 317.1. The sampling results indicate PFC compounds were not detected above the laboratory reporting level (RL) of 16 parts per trillion (ppt). The EPA Health Advisory Level is 70 ppt. This health advisory level offers a margin of protection for all Americans throughout their life from adverse health effects resulting from exposure to PFCs in drinking water. Based on the absence of detectable PFC compounds in the sample collected from your well, no further action, including additional sampling and/or mitigation measures (i.e. bottled water) are required at this time. The Department thanks you for granting access to your property.

If you have any questions pertaining to this Notice of Environmental Sampling or with the information contained within, please feel free to contact David Bachand at (413) 755-2221 or Cynthia Pawloski at (413) 755-2247.

Sincerely,

Eva Tor

Deputy Regional Director Bureau of Waste Site Cleanup

¹ Fact Sheet PFOA & PFOS Drinking Water Health Advisories. EPA, EPA 800 F-16-003, June 2016

Notice of Environmental Sampling 20 Ridge Trail Road Westfield, RTN 1-20093 May 23, 2017 Page 2 of 2

Attachments: Notice of Environmental Sampling (BWSC-123)

Laboratory Report

ec w/all NOES Letters and Lab Reports:

Mayor, City of Westfield

Barnes ANG-John Richardson

Barnes Aquifer Protection Committee

Westfield DPW – David Billips Westfield Health Department

Dr. Marc A. Nascarella, Ph.D/DPH

cc: Denise Andler, DEP WERO

Data Entry: FOLOFF, FOLFLD

Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to: Release Tracking Number

1	-	20093	
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NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 175 Falcon Drive

| Other Content of Conten

Street Address: 175 Falcon Drive		
City/Town: Westfield	Zip Code:	01085
B. This notice is being provided to the follow	ing party:	
1. Name: David & Gale Brown		
Street Address: 20 Ridge Trail Road		
City/Town: Westfield	Zip Code:	01085
C. This notice is being given to inform its rec	ipient (the p	party listed in Section B):
1. That environmental sampling will be/h	as been con	ducted at property owned by the recipient of this notice.
2. Of the results of environmental sampli	ing conducte	d at property owned by the recipient of this notice.
3. Check to indicate if the analytical rest		hed. (If item 2. above is checked, the analytical results from notice.)
D. Location of the property where the environ	nmental san	pling will be/has been conducted:
Street Address: 20 Ridge Trail Road		
City/Town: Westfield	Zip Code:	01085
2. MCP phase of work during which the samplin	g will be/has	been conducted:
 ✓ Immediate Response Action ☐ Release Abatement Measure ☐ Utility-related Abatement Measure ☐ Phase I Initial Site Investigation ☐ Phase II Comprehensive Site Assessment 	☐ Phas ☐ Phas ☐ Post-	e III Feasibility Evaluation e IV Remedy Implementation Plan e V/Remedy Operation Status Temporary Solution Operation, Maintenance and Monitoring (specify)
3. Description of property where sampling will b	e/has been o	conducted:
✓ residential ☐commercial ☐	industrial	school/playground Other(specify)
4. Description of the sampling locations and typ time of this notice.	es (e.g., soil	groundwater, indoor air, soil gas) to the extent known at the
A drinking water sample was collected for property and analyzed for PFAS compositions.		vate well located on the above-referenced PA Method 537.1.
E. Contact information related to the party pro		notice:
Contact Name: Department of Environmmenta	l Protection	·
Street Address: 436 Dwight Street		04402
City/Town: Springfield	Zip Code:	01103
Telephone: (413) 755-2221	Email: <u>Da</u>	avid.bachand.jr@state.ma.us

Revised: 5/30/2014



Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to: Release Tracking Number

1

20093

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Revised: 5/30/2014 Page 2 of 2



ACCUTEST New England

05/49/47

SGS ACCUTEST IS PART OF SGS, THE WORLD'S LEADING INSPECTION. VERIFICATION, TESTING AND CERTIFICATION COMPANY.

e-Hardcopy 2.0 Automated Report





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ATC Group Services LLC.

20 Ridge Trail Road, Westfield, MA

183EM00170

SGS Accutest Job Number: MC50271

Sampling Date: 04/28/17

Report to:

andrea.colby@sgs.com

Total number of pages in report: 19



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

H. (Brad) Madadian Lab Director

Client Service contact: Jeremy Vienneau 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) FL (E87579) NJ (MA926) PA (6801121) LA (AI171119) ND (R-188) NC (653) IL (002337) WI (399080220) DoD ELAP (L-A-B L2235)

This report shall not be reproduced, except in its entirety, without the written approval of SGS Accutest. Test results relate only to samples analyzed.

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Sample Summary

ATC Group Services LLC.

Job No:

MC50271

20 Ridge Trail Road, Westfield, MA Project No: 183EM00170

Sample Number	Collected Date	Time By	Received	Matı Code		Client Sample ID	
MC50271-	2 04/28/17	09:52 JB	05/01/17	AQ	Ground Water	20 RIDGE TRAIL-1	47. 100

2

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:

ATC Group Services LLC.

Job No

MC50271

Site:

20 Ridge Trail Road, Westfield, MA

Report Date

5/17/2017 6:46:48 PM

1 Sample was collected on 04/28/2017 and were received at SGS Accutest New England on 05/01/2017 properly preserved, at 3.4 Deg. C and intact. These Samples received a job number of MC50271. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Extractables by GCMS By Method EPA 537 MOD

Matrix: AO

Batch ID: F:OP65024

MC50271-2: Analysis performed at SGS Accutest, Orlando FL.

Batch OP64922: MC50271-2: Confirmation run.

SGS Accutest New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety. The Laboratory Director for SGS Accutest New England or assignee as verified by the signature on the cover page has authorized the release of this report(MC50271).

Summary of Hits
Job Number: MC50271

Account:

ATC Group Services LLC.

Project:

20 Ridge Trail Road, Westfield, MA

Collected:

04/28/17



Page 1 of 1

Lab Sample ID Client Sample ID Result/ Analyte Qual RL MDL Units Method	-	
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MC50271-2

20 RIDGE TRAIL-1

No hits reported in this sample.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: SGS Accutest New England Job No:

MC50271

Site:

ATCMAS: 20 Ridge Trail Road, Westfield, MA

Report Date: 5/17/2017 6:33:15 PM

1 Sample(s) were collected on 04/28/2017 and were received at SGS Accutest Southeast (SASE) on 05/03/2017 properly preserved, at 3 Deg. C and intact. These Samples received an SASE job number of MC50271. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Extractables by GCMS By Method EPA 537 MOD

Matrix: AQ

Batch ID: OP64922

MC50271-2 for d5-NEtFOSAA: Outside control limits due to matrix interference. Confirmed by re-extraction and reanalysis.

MC50271-2 for 13C2-PFDA: Outside control limits due to matrix interference. Confirmed by re-extraction and reanalysis.

Sample(s) MC50271-2 have surrogates outside control limits.

MC50271-2: Confirmation run for surrogate recoveries.

MC50271-2: Confirmation run for surrogate recoveries.

Matrix: AQ

Batch ID: OP65024

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

All method blanks for this batch meet method specific criteria.

Sample(s) MC50271-2 have surrogates outside control limits.

OP65024-BS: Insufficient sample for MS/MSD.

MC50271-2 for d5-NEtFOSAA; Outside control limits.

MC50271-2 for 13C2-PFDA: Outside control limits.

SGS Accutest (SASE) certifies that this report meets the project requirements for analytical data produced for the samples as received at SASE and as stated on the COC. SASE certifies that the data meets the Data Quality Objectives for precision, accuracy and completeness as specified in the SASE Quality Manual except as noted above. This report is to be used in its entirety. SASE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:

Kim Benham, Client Services (signature on file)

Date May 17, 2017

Wednesday, May 17, 2017

Page 1 of 1





ACCUTEST New England

Section 4

Samj	ple Res	sults			
*		·, ·	•	•	
Repo	rt of A	nalys	is	•	
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Report of Analysis

Client Sample ID: 20 RIDGE TRAIL-1

2Q1115.D

2Q1133.D

Lab Sample ID:

MC50271-2

AQ - Ground Water

1

1

Date Sampled:

04/28/17

Matrix: Method:

Date Received:

05/01/17

Project:

Run #2 b

Run #3 b

EPA 537 MOD EPA 537 20 Ridge Trail Road, Westfield, MA Percent Solids: n/a

File ID DF Analyzed Ву Prep Date Run #1 a 2Q1259.D 1 05/15/17

05/08/17

05/09/17

Prep Batch Analytical Batch 05/12/17 F:OP65024 F:S2Q36 AFL 05/05/17 F:S2Q31 AFL F:OP64922 F:S2Q32 05/05/17 F:OP64922 AFL

	Initial Volume	Final Volume
Run #1	125 ml	1.0 ml
Run #2	130 ml	1.0 ml
Run #3	130 ml	1.0 ml

Perfluorinated Alkyl Acids

CÁS No.	Compound	Result	RL	Units	Q
307-24-4	Perfluorohexanoic acid	ND	0.016	ug/l	
375-85-9	Perfluoroheptanoic acid	ND '	0.016	ug/l	
335-67-1	Perfluorooctanoic acid	ND	0.016	ug/l	
375-95-1	Perfluorononanoic acid	ND	0.016	ug/l	
335-76-2	Perfluorodecanoic acid	ND	0.016	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	0.016	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.016	ug/l	•
72629-94-8	Perfluorotridecanoic acid	ND	0.016	ug/l	•
376-06-7	Perfluorotetradecanoic acid	ND	0.016	ug/l	
375-73-5	Perfluorobutanesulfonic acid	ND	0.016	ug/l	
355-46-4	Perfluorohexanesulfonic acid	ND	0.016	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.016	ug/l	
2355-31-9	MeFOSAA	ND	0.040	ug/l	
2991-50-6	EtFOSAA	ND	0.040	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run	#3 Limits
	13C2-PFHxA	67%	87%	92%	61-134%
	13C2-PFDA	35% c	57% c	57%	ar 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	d5-EtFOSAA	40% c	30% c	24%	75.1 (5.5) (1.3)

⁽a) Analysis performed at SGS Accutest, Orlando FL.

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

⁽b) Confirmation run for surrogate recoveries. Analysis performed at SGS Accutest, Orlando FL.

⁽c) Outside control limits due to matrix interference. Confirmed by re-extraction and reanalysis.



ACCUTEST New England

Section 5

Misc. Forms Custody Documents and Other Forms
Includes the following where applicable: • Chain of Custody

Lab Use Only: Cooler Temperature (s) Celsius

ACCUTEST

SGS Accutest Chain of Custody

SGS ACCUTEST JOB #:

PREN	/
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PAGE_ 4405 Vineland Road, Suite C-15 Orlando, FJ 32811 TEL. 407-425-6700 FAX: 407-425-0707 www.acculest.com SGS Accutest Quote # SKIFF # Client/Reporting Information

"ATC Group Services Project Information **通過** Analytical Information 日本 Matrix Codes Project Name: 20 Ridge Traic DW - Drinking Water GW - Ground Water WW - Water SW - Surface BON, AS, LON, Harbress TRO Street 20 RIDGE TTAL KO Address: 73 WILLIAM FRANKS DE CITYWEST STEMPLY State: MA ZIP: 01089 Project # 183 Em auto Email: Rob. Smith CATCHSSUCAT Water
Water
SO - Soll
SL- Sludge
OI - OR
LIQ - Other
Liquid Reb Smfth 413-781 - 0070 exT lo EARMETTER Sampler(a) Name(a) (Printed)
Sampler 1: 1550(1, 50) (Sampler 2: Client Purchase Order# AIR - Air SGS Accutest Sample A Pield 10 / Point of Collection DATE TRUE SAMPLED MATERIX

DO RIGHT Trail Field Black 4-2617 950 JB GW

20 RIGHT TRUE | 4-2617 950 JB GW LAB USE ONLY 1 × Ridge Trail-2 40817 253 JB 6W Turnaround Time (Business days) Data Deliverable Informatio 10 Day (Business) Approved By: / Date: COMMERCIAL "A" (RESULTS ONLY) COMMERCIAL "B" (RESULTS PLUS QC) Hold field blank and 7 Day Standard JAT 5 Day REDT1 (EPA LEVEL 3) 3 Day RUSH FULLT1 (EPA LEVEL 4) 2 Day RUSH EDD'S IRON, Hundress + TOC 1 Day RUSH Labiink
Sample Custody must be documented below each time samples change possession, including courier delivery.
Relinnuished By/Affiliation / Date Time: Rush Y/A Data Available VIA Email or Lablink induished by Samplog Affiliation n Date Time: Received By/Affillation
198-17 1600 2 Sawill Petrideran Received By/Affillatig 1710334 ecolved By/Affiliation

MC50271: Chain of Custody

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Page 1 of 2



ACCUTEST New England

Section 6

Misc. Forms	
Custody Documents and Other Forms	
(SGS Accutest Southeast)	
Includes the following where applicable:	

• Chain of Custody

SGS Accutest NE Sample Receipt Summary

Job Number: MC50271	Client: ATC	Project: 20 RIDGE F	RD
Date / Time Received: 5/1/2017 10	0:35:00 AM Delivery Me	ethod: SGS Courier Airbill #'s:	A DESCRIPTION OF THE PARTY OF T
Cooler Temps (initial/Adjusted): #	1; (3.9/3.4); #2; (3.8/3.3);		
1. Temp criteria achieved: 2. Thermometer ID: IF	3. COC Present:	Sample Integrity - Documentation 1. Sample labels present on bottles: 2. Container labeling complete: 3. Sample container label / COC agree: Sample Integrity - Condition 1. Sample recvd within HT: 2. All containers accounted for: 3. Condition of sample:	Y or N ✓ □ ✓ □ ✓ □ Y or N ✓ □ ✓ Intact
Quality Control Preservation Y 1. Trip Blank present / cooler: □ 2. Trip Blank listed on COC: □ 3. Samples preserved properly: ✓ 4. VOCs headspace free: ✓	or N N/A 2	Sample Integrity - Instructions 1. Analysis requested is clear; 2. Bottles received for unspecified tests 3. Sufficient volume recvd for analysis; 4. Compositing instructions clear; 5. Filtering instructions clear;	Y or N N/A V
Comments			

MC50271: Chain of Custody

Page 2 of 2

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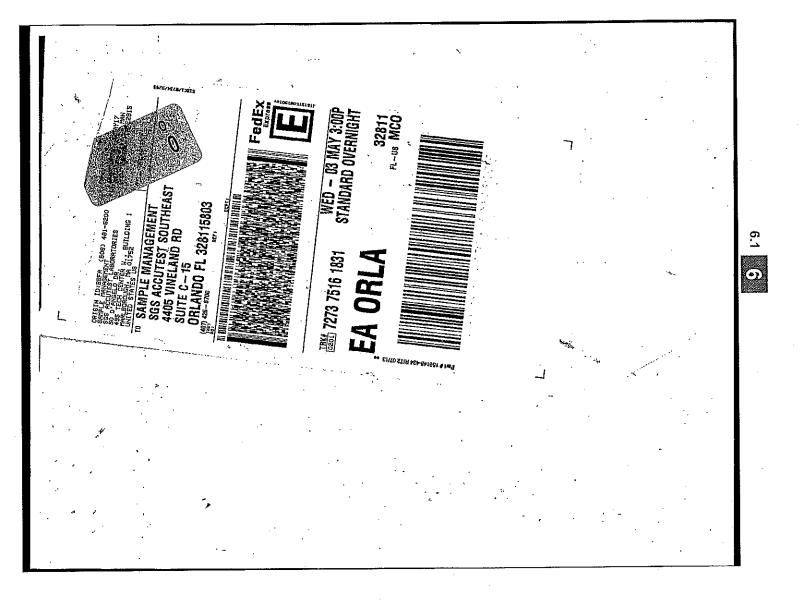
MC50271: Chain of Custody Page 1 of 3 SGS Accutest Southeast

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3		

SGS ACCUTEST'S JOB NUMBER: MC50271 CLIEN	IT: ALNE PROJECT: 20 Ridge Trail Rd.
DATE/TIME RECEIVED: 05/03/17 930 (MM/DD/Y	Y 24:00} NUMBER OF COOLERS RECEIVED:
	TEST COURIER DELIVERY OTHER:
AIRBILL NUMBERS: 7273 75/6 1831	
COOLER INFORMATION	TEMPERATURE INFORMATION
CUSTODY SEAL NOT PRESENT OR NOT INTACT	IR THERM ID / CORR. FACTOR 7-0.4
CHAIN OF CUSTODY NOT RECEIVED (COC)	OBSERVED TEMPS: 2.4
ANALYSIS REQUESTED IS UNCLEAR OR MISSING	CORRECTED TEMPS: 3-0 (USED FOR LIMS)
SAMPLE DATES OR TIMES UNCLEAR OR MISSING	SAMPLE INFORMATION
TEMPERATURE CRITERIA NOT MET	INCORRECT NUMBER OF CONTAINERS USED
THE DY LAW AND A COLUMN AND A C	SAMPLE RECEIVED IMPROPERLY PRESERVED
TRIP BLANK INFORMATION	INSUFFICIENT VOLUME FOR ANALYSIS
TRIP BLANK PROVIDED	DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL
TRIP BLANK NOT PROVIDED	ID'S ON COC DO NOT MATCH LABEL
X TRIP BLANK NOT ON COC	VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
TRIP BLANK INTACT	BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
TRIP BLANK NOT INTACT	NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
RECEIVED WATER TRIP BLANK	UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
RECEIVED SOIL TRIP BLANK	SAMPLE CONTAINER(S) RECEIVED BROKEN
MICC THEODACHETON	5035 FIELD KITS NOT RECEIVED WITHIN 48 HOURS
MISC. INFORMATION	BULK VOA SOIL JARS NOT RECEIVED WITHIN 48 HOURS
NUMBER OF ENCORES ? 25-GRAM 5-GRAM	% SOLIDS JAR NOT RECEIVED
NUMBER OF 5035 FIELD KITS ?	RESIDUAL CHLORINE PRESENT LOT#
NUMBER OF LAB FILTERED METALS ?	(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)
TEST STRIP LOT#s pH 0-3 230315 pH 1	0-12 <u>219813A</u> OTHER (specify)
SUMMARY OF COMMENTS:	
	•
	,
11/1-	
TECHNICIAN SIGNATURE/DATE	REVIEWER SIGNATURE/DATE <u>COS-03-17</u>

MC50271: Chain of Custody

Page 2 of 3



MC50271: Chain of Custody Page 3 of 3



ACCUTEST New England

Section 7

GC/MS Semi-volatiles

QC Data Summaries

(SGS Accutest Southeast)

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary Job Number: MC50271

Account:

ALNE SGS Accutest New England

Project:

ATCMAS: 20 Ridge Trail Road, Westfield, MA

						4	
Sample OP65024-MB	File ID 2Q1258.D	DF 1	Analyzed 05/15/17	By NAF	Prep Date 05/12/17	Prep Batch OP65024	Analytical Batch S2Q36
						4	
				•	•		

The QC reported here applies to the following samples:

Method: EPA 537 MOD

MC50271-2

•					
CAS No.	Compound	Result	RL	Units	Q
307-24-4	Perfluorohexanoic acid	ND	0.015	ug/l	
375-85-9	Perfluoroheptanoic acid	ND	0.015	ug/l	
335-67-1	Perfluorooctanoic acid	ND	0.015	ug/l	
375-95-1	Perfluorononanoic acid	ND	0.015	ug/l	
335-76-2	Perfluorodecanoic acid	ND	0.015	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	0.015	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.015	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.015	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.015	ug/l	
375-73-5	Perfluorobutanesulfonic acid	ND	0.015	ug/l	
355-46-4	Perfluorohexanesulfonic acid	ND	0.015	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.015	ug/l	
2355-31-9	MeFOSAA	0.0191	0.038	ug/l	J
2991-50-6	EtFOSAA	0.0222	0.038	ug/l	J
CAS No.	Surrogate Recoveries		Limits		
	13C2-PFHxA	66%	61-134		
	13C2-PFDA	92%	62-128		
	d5-EtFOSAÁ	77%	57-135	%	



Blank Spike Summary Job Number: MC50271

Account:

ALNE SGS Accutest New England

Project:

ATCMAS: 20 Ridge Trail Road, Westfield, MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP65024-BS ^a	2Q1257.D	1	05/15/17	NAF	05/12/17	OP65024	S2Q36
				·	•		

The QC reported here applies to the following samples:

Method: EPA 537 MOD

MC50271-2

		Spike	BSP	BSP	
CAS No.	Compound	ug/l	ug/l	%	Limits
307-24-4	Perfluorohexanoic acid	0.154	0.146	95	63-146
375-85-9		0.154	0.156	101	71-138
	Perfluoroheptanoic acid	•		the state of the s	397
335-67-1	Perfluorooctanoic acid	0.154	0.161	105	74-137
375-95-1	Perfluorononanoic acid	0.154	0.161	105	76-140
335-76-2	Perfluorodecanoic acid	0.154	0.157	102	65-148
2058-94-8	Perfluoroundecanoic acid	0.154	0.154	100	57-138
307-55-1	Perfluorododecanoic acid	0.154	0.119	77	58-118
72629-94-8	Perfluorotridecanoic acid	0.154	0.108	70	52-120
376-06-7	Perfluorotetradecanoic acid	0.154	0.109	71	49-122
375-73-5	Perfluorobutanesulfonic acid	0.154	0.184	120	73-148
355-46-4	Perfluorohexanesulfonic acid	0.154	0.204	133	74-142
1763-23-1	Perfluorooctanesulfonic acid	0.154	0.172	112	70-134
2355-31-9	MeFOSAA	0.154	0.160	104	57-128
2991-50-6	EtFOSAA	0.154	0.137	89	55-135
CAS No.	Surrogate Recoveries	BSP	Lir	nits	
•	13C2-PFHxA	88%	61-	134%	
	13C2-PFDA	104%	62-	128%	
	d5-EtFOSAA	95%	色老品供	135%	
		and the first of the first	1.00 667		

⁽a) Insufficient sample for MS/MSD.

^{* =} Outside of Control Limits.

Semivolatile Surrogate Recovery Summary

Page 1 of 1

Job Number:

MC50271

Account: Project:

ALNE SGS Accutest New England

ATCMAS: 20 Ridge Trail Road, Westfield, MA

Method: EPA 537 MOD Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S 1	S2	S3
MC50271-2 MC50271-2 MC50271-2 OP65024-BS OP65024-MB	2Q1133.D 2Q1115.D 2Q1259.D 2Q1257.D 2Q1258.D	92 87 67 88 66	57* a 57* a 35* a 104 92	24* a 30* a 40* a 95
Surrogate Compounds		Recovery Limits	ī	

S1 = 13C2-PFHxA61-134% 62-128% S2 = 13C2-PFDAS3 = d5-EtFOSAA 57-135%

(a) Outside control limits due to matrix interference. Confirmed by re-extraction and reanalysis.



Commonwealth of Massachusetts Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

Western Regional Office • 436 Dwight Street, Springfield MA 01103 • 413-784-1100

Charles D. Baker Governor

Karyn E. Polito Lieutenant Governor Matthew A. Beaton Secretary

> Martin Suuberg Commissioner

May 23, 2017

Michael & Lisa Pigetti 1850 East Mountain Road Westfield, MA 01085

Re:

Notice of Environmental Sampling Westfield Private Well Sampling Barnes Air National Guard Base Westfield, RTN 1-20093

Dear Mr. & Mrs. Pigetti:

The Department of Environmental Protection collected a drinking water sample from your private well on April 28, 2017. The purpose of the sampling was to investigate whether your well has been affected by a release of perfluorinated compounds (PFCs) to local groundwater. The sample was sent to a certified laboratory and analyzed for PFCs compounds by modified United States Protection Agency (EPA) Method 317.1. The sampling results indicate PFC compounds were not detected above the laboratory reporting level (RL) of 15 parts per trillion (ppt). The EPA Health Advisory Level is 70 ppt. This health advisory level offers a margin of protection for all Americans throughout their life from adverse health effects resulting from exposure to PFCs in drinking water. Based on the absence of detectable PFCs compounds in the sample collected from your well, no further action, including additional sampling and/or mitigation measures (i.e. bottled water) are required at this time. The Department thanks you for granting access to your property.

If you have any questions pertaining to this Notice of Environmental Sampling or with the information contained within, please feel free to contact David Bachand at (413) 755-2221 or Cynthia Pawloski at (413) 755-2247.

Sincerely,

Eva Tor

Deputy Regional Director Bureau of Waste Site Cleanup

¹ Fact Sheet PFOA & PFOS Drinking Water Health Advisories. EPA, EPA 800 F-16-003, June 2016

Notice of Environmental Sampling 1749 East Mountain Road Westfield, RTN 1-20093 May 23, 2017 Page 2 of 2

Attachments: Notice of Environmental Sampling (BWSC-123)

Laboratory Report

ec w/all NOES Letters and Lab Reports:

Mayor, City of Westfield

Barnes ANG-John Richardson

Barnes Aquifer Protection Committee

Westfield DPW – David Billips Westfield Health Department

Dr. Marc A. Nascarella, Ph.D/DPH

cc: Denise Andler, DEP WERO

Data Entry: FOLOFF, FOLFLD

Revised: 5/30/2014

Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to: Release Tracking Number

1 - [20093
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NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to	this Notice	and Release Tracking N	lumber (provided above):
Street Address: 175 Falcon Drive			
City/Town: Westfield	Zip Code:	01085	
B. This notice is being provided to the followi	ng party:		
Name: Michael & Lisa Pighetti			
2. Street Address: 1850 East Mountain Road	0.0.1 SERIE		
	Zip Code:	01085	-
C. This notice is being given to inform its rec	ipient (the _l	party listed in Section B	i):
1. That environmental sampling will be/ha	as been con	ducted at property owned	I by the recipient of this notice.
2. Of the results of environmental sampling	ng conducte	ed at property owned by th	ne recipient of this notice.
3. Check to indicate if the analytical result the environmental sampling must be attached.		•	checked, the analytical results from
D. Location of the property where the environ	mental san	npling will be/has been	conducted:
Street Address: 1850 East Mountain Road			
City/Town: Westfield	Zip Code:	01085	
2. MCP phase of work during which the sampling	y will be/has	been conducted:	
 ✓ Immediate Response Action ☐ Release Abatement Measure ☐ Utility-related Abatement Measure ☐ Phase I Initial Site Investigation ☐ Phase II Comprehensive Site Assessment 	☐ Phas ☐ Phas ☐ Post-	•	ition Plan
3. Description of property where sampling will be	e/has been d		
	industrial	☐school/playground	Other(specify)
4. Description of the sampling locations and type time of this notice.	es (e.g., soil	, groundwater, indoor air,	• • • • • •
A drinking water sample was collected from property and analyzed for PFAS compounds.			the above-referenced
E. Contact information related to the party pro		notice:	
Contact Name: Department of Environmmental	Protection	· .	
Street Address: 436 Dwight Street		04400	
City/Town: Springfield (413) 755 2221	Zip Code:	01103avid.bachand.jr@state.ma	2 116
Telephone: (413) 755-2221	Emaii: Da	aviu.baciiaiiu.ji@state.iiii	2.40



Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to: Release Tracking Number

1

20093

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in Section E on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the Release Tracking Number listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Revised: 5/30/2014 Page 2 of 2



ACCUTEST New England

05/17//17

SGS ACCUTEST IS PART OF SGS, THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY.

SGS

e-Hardcopy 2.0
Automated Report





Technical Report for

ATC Group Services LLC.

1850 East Mountain Road, Westfield, MA

183EM00170

SGS Accutest Job Number: MC50275

Sampling Date: 04/28/17

Report to:

ATC Group Services LLC. 73 Williams Franks Drive West Springfield, MA 01089 rob.smith@atcassociates.com

ATTN: Rob Smith

Total number of pages in report: 19



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

H. (Brad) Madadian Lab Director

Client Service contact: Jeremy Vienneau 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) FL (E87579) NJ (MA926) PA (6801121) LA (A1171119) ND (R-188) NC (653) IL (002337) WI (399080220) DoD ELAP (L-A-B L2235)

This report shall not be reproduced, except in its entirety, without the written approval of SGS Accutest. Test results relate only to samples analyzed.

Sections:

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Sample Summary

ATC Group Services LLC.

Job No:

MC50275

1850 East Mountain Road, Westfield, MA Project No: 183EM00170

Sample		a jerreji i		Matri		Client Sample ID
Number	Date	Time By	Received	Code	1 ype	Sample 1D
MC50275-	2 04/28/1	7 13:25 JB	05/01/17	DW	Drinking Water	1850 EAST MT-1

SAMPLE DELIVERY GROUP CASE NARRATIVE

2

Client: ATC Group Services LLC.

Job No

MC50275

Site:

1850 East Mountain Road, Westfield, MA

Report Date

5/17/2017 6:37:11 PM

1 Sample(s) was collected on 04/28/2017 and were received at SGS Accutest New England on 05/01/2017 properly preserved, at 3.4 Deg. C and intact. These Samples received a job number of MC50275. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Extractables by GCMS By Method EPA 537

Matrix: DW

Batch ID: F:OP65024

MC50275-2: Analysis performed at SGS Accutest, Orlando FL.

Batch OP64924: MC50275-2: Confirmation run.

SGS Accutest New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety. The Laboratory Director for SGS Accutest New England or assignee as verified by the signature on the cover page has authorized the release of this report(MC50275).

12

2

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:

SGS Accutest New England

Job No:

MC50275

Site:

ATCMAS: 1850 East Mountain Road, Westfield, MA

Report Date: 5/17/2017 5:36:35 PM

1 Sample(s) were collected on 04/28/2017 and were received at SGS Accutest Southeast (SASE) on 05/03/2017 properly preserved, at 3 Deg. C and intact. These Samples received an SASE job number of MC50275. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Extractables by GCMS By Method EPA 537

Matrix: DW

Batch ID: OP64924

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

MC50275-2 for 13C2-PFHxA: Associated BS recovery outside control limits. Outside control limits. However, sample was ND.

MC50275-2 for 13C2-PFHxA: Associated BS recovery outside control limits.

MC50275-2: Confirmation run.

MC50275-2: Confirmation run.

Matrix: DW

Batch ID: OP65024

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) MC50275-2 have surrogates outside control limits. Probable cause is due to matrix interference.

MC50275-2 for d5-NEtFOSAA: Outside control limits.

MC50275-2 for 13C2-PFHxA: Outside control limits.

MC50275-2 for 13C2-PFDA: Outside control limits.

SGS Accutest (SASE) certifies that this report meets the project requirements for analytical data produced for the samples as received at SASE and as stated on the COC. SASE certifies that the data meets the Data Quality Objectives for precision, accuracy and completeness as specified in the SASE Quality Manual except as noted above. This report is to be used in its entirety. SASE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:	
Kim Benham, Client Services (signature on file	:)

Date May 17, 2017

Summary of Hits
Job Number: MC50275

Page 1 of 1

Account:

ATC Group Services LLC. 1850 East Mountain Road, Westfield, MA

Project: Collected:

04/28/17



Lab Sample ID	Client Sample ID	Result/				
Analyte		Qual	RL	MDL	Units	Method

MC50275-2

1850 EAST MT-1

No hits reported in this sample.



ACCUTEST New England

Section 4

Sample Results		
Report of Analysis	٠	
J .		

Report of Analysis

Client Sample ID: 1850 EAST MT-1

Lab Sample ID: MC50275-2 Date Sampled: 04/28/17

Matrix: DW - Drinking Water Date Received: 05/01/17

Method: EPA 537 EPA 537 Percent Solids: n/a

Project: 1850 East Mountain Road, Westfield, MA

	File ID	DF	Analyzed	Ву	Prep Date	Prep Batch	Analytical Batch
Run #1 a	2Q1261.D	1	05/15/17	AFL	05/12/17	F:OP65024	F:S2Q36
Run #2 b	2Q1096.D	1	05/08/17	AFL	05/05/17	F:OP64924	F:S2Q31
Run #3 b	2Q1128.D	1	05/09/17	AFL	05/05/17	F:OP64924	F:S2Q32

	Initial Volume	Final Volume		
Run #1	130 ml	1.0 ml	•	
Run #2	130 ml	1.0 ml		
Run #3	130 ml	1.0 ml		

Perfluorinated Alkyl Acids

CAS No.	Compound	Result	MCL	RL	Units	Q
307-24-4	Perfluorohexanoic acid	ND		0.015	ug/l	
375-85-9	Perfluoroheptanoic acid	ND	:	0.015	ug/l	
335-67-1	Perfluorooctanoic acid	ND		0.015	ug/l	
375-95-1	Perfluorononanoic acid	ND		0.015	ug/I	
335-76-2	Perfluorodecanoic acid	ND	<i>}</i>	0.015	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND		0.015	ug/l	
307-55-1	Perfluorododecanoic acid	ND		0.015	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND		0.015	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND		0.015	ug/l	
375-73-5	Perfluorobutanesulfonic acid	ND		0.015	ug/l	
355-46-4	Perfluorohexanesulfonic acid	ND		0.015	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	ND		0.015	ug/l	
2355-31-9	MeFOSAA	ND		0.038	ug/l	
2991-50-6	EtFOSAA	ND		0.038	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run#	2 Ru	n# 3	Limits
	13C2-PFHxA	55% d	122%	e 132	2% c	70-130%
	13C2-PFDA	63% ^d	96%	939	%	70-130%
	d5-EtFOSAA	59% d	108%	108	5%	70-130%

- (a) Analysis performed at SGS Accutest, Orlando FL.
- (b) Confirmation run. Analysis performed at SGS Accutest, Orlando FL.
- (c) Associated BS recovery outside control limits. Outside control limits. However, sample was ND.
- (d) Outside control limits.
- (e) Associated BS recovery outside control limits.

ND = Not detected

MCL = Maximum Contamination Level (40 CFR 141)

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



Section 5

Misc. Forms Custody Documents and Other Forms	
Includes the following where applicable: • Chain of Custody	

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CHAIN OF CUSTODY

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MC50275: Chain of Custody Page 1 of 2

SGS Accutest NE Sample Receipt Summary

Job Number: MC50	275		Client: ATC				Project:	1850 EAST MO	UNTAIN R	D	
Date / Time Received: 5/1/20)17 5:	35:00 PM	Delive	ry Method:	50	S COURIER	Airbill #	r's:			
Cooler Temps (Initial/Adjusted	l): #1	: (3.9/3.4); #2; (3.8/3.3)	<u>):</u>							
Cooler Security Y	or N	_		Y or		Sample Integrit	y - Docum	entation	<u>_Y</u>		,
1. Custody Seals Present:	~		COC Present:			1. Sample labels	present on I	bottles;	\checkmark		
2. Custody Seals Intact:	V] 4. Sm	npl Dates/Time C	ok 🔽		2. Container label			V		
Cooler Temperature	Υ_	or N				Sample contain	ner label / C	OC agree:	\mathbf{V}		
1. Temp criteria achieved:	V					Sample Integri	ty - Condi	tion	<u>Y</u>	or N	
2. Thermometer ID:		RGUN1;				1. Sample recvd v			\mathbf{Z}		
3. Cooler media;	lo	ce (Bag)				2. All containers a	accounted fo	or:	✓		
4. No. Coolers:		2	***************************************			3. Condition of sa	ample:			Intact	
Quality Control Preservation	<u>Y</u>	or N	N/A			Sample Integri	ity - Instru	ctions	<u>Y</u>	or N	N/A
 Trip Blank present / cooler: 		V				1. Analysis reque	ested is clea	ar:			
2. Trip Blank listed on COC:		✓				Bottles receive	ed for unspe	ecified tests		\checkmark	
3. Samples preserved properly:	V					3. Sufficient volu	ıme recvd fo	or analysis:	V		
4. VOCs headspace free;	\mathbf{Z}					4. Compositing in	nstructions	clear:			✓
						5. Filtering instru	uctions clear	r:			V
Comments											
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MC50275: Chain of Custody Page 2 of 2



ACCUTEST

New England

Section 6

Custody D	ocuments and	l Other Forms	
SGS Accut	est Southeast)		
SGS Accut	est Southeast)		

	343 Accu	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1EL 568-	481-0200 www	TAX:	508-481-	753		,,,,,,	22.7			L	rest Own					GOLEN J	- 44				<i></i>
-	Client / Reporting Information			Project i	nfonna	tion	-							***	'Requ	ested An	alysis (s	ee TE	ST CÓI	DEsne	et) "	1		Matrix Codes	
5G5	y Name: GAccutest	Project Name.	165	50 East Mount	ain Roa	id, Wes	tfletd, M.	Α					:											DW - Drinking Weller GW - Ground Waller WW - Water	
	ddress Angelo Drive, lechnolgy Center West, BLDG One State Zip	Street		State	Dilling t		eı (≇ diffe	rent l	rom Re	port t	0)													SW - Surface Water SO - Soil St - Stotge	
Mar	bourough, MA 01751	Project #		O.Dic	Street A								٠											BED-Sodiment OI - Oil UQ - Other Uquid	
jezen Phone s	tyv режнуу@scoutsst.com	Client Purchase	Order #		City				Slale			Zη												AIR - AV SOL - Other Solid VVP - VVipe	
Sample	481-6200 (s) Name(s) Phone	Project Manager	,,		Altentor										йusт									FB-Field Blank EB-Equipment Blank RB- Rinne Blank TB-Trip Blank	
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1	1850 EAST MT-FIELD BLANK		4/28/17	1:15:00 PM	JB	שמ	1	Н	\perp	⊦+	×	╟┼	-	-	Х	 			+-	╪	+-	+-	+-		
2	1850 EAST MT-1		4/28/17	1:25:00 PM	JB JB	DW	1	Н	+		×	H	-	X	х				+	+-	+	+	+		
3	3600 EAST MT-2		4/28/17	1:26:00 PM	J5	DW	1		Ì	H	1		_		Î			\perp	T	1	#	1	1		
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	3 Day EMERGENCY 2 Day EMERGENCY				∣⊟	HJ Redu Commen	cial "C"			Ď	 X] •	DO F	ormet												
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MC50275: Chain of Custody Page 1 of 3 SGS Accutest Southeast

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SGS ACCUTEST - ORLANDO	SAMPLE RECEIPT CONFIRMATION
SGS ACCUTEST'S JOB NUMBER: MC50275 CLIENT: DATE/TIME RECEIVED: 05/03/17 930 MMM/DD/YY 24 METHOD OF DELIVERY: FEDEX UPS ACCUTEST AIRBILL NUMBERS: 7273 75/6/83/	
COOLER INFORMATION CUSTODY SEAL NOT PRESENT OR NOT INTACT CHAIN OF CUSTODY NOT RECEIVED (COC) ANALYSIS REQUESTED IS UNCLEAR OR MISSING SAMPLE DATES OR TIMES UNCLEAR OR MISSING TEMPERATURE CRITERIA NOT MET TRIP BLANK INFORMATION TRIP BLANK PROVIDED X TRIP BLANK NOT PROVIDED X TRIP BLANK NOT ON COC TRIP BLANK INTACT TRIP BLANK NOT INTACT RECEIVED WATER TRIP BLANK RECEIVED SOIL TRIP BLANK MISC. INFORMATION NUMBER OF ENCORES ? 25-GRAM NUMBER OF S035 FIELD KITS ? NUMBER OF LAB FILTERED METALS ?	TEMPERATURE INFORMATION IR THERM ID
SUMMARY OF COMMENTS:	219813A OTHER (specify)
	EWER SIGNATURE/DATE 05-03-17

MC50275: Chain of Custody

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MC50275: Chain of Custody Page 3 of 3



ACCUTEST New England

Section 7

GC/MS Semi-volatiles	5
QC Data Summaries	
(SGS Accutest Southeast)	

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate SummariesSurrogate Recovery Summaries

Method Blank Summary Job Number: MC50275 Account: ALENE SGS Accutest New England

Project:

ATCMAS: 1850 East Mountain Road, Westfield, MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP65024-MB	2Q1258.D	1	05/15/17	NAF	05/12/17	OP65024	S2Q36

The QC reported here applies to the following samples:

Method: EPA 537 MOD

MC50275-2

CAS No.	Compound	Result	RL	Units	Q	
307-24-4	Perfluorohexanoic acid	ND	0.015	ug/l		
375-85-9	Perfluoroheptanoic acid	ND	0.015	ug/l		
335-67-1	Perfluorooctanoic acid	ND	0.015	ug/l		
375-95-1	Perfluorononanoic acid	ND	0.015	ug/l		
335-76-2	Perfluorodecanoic acid	ND	0.015	ug/l		
2058-94-8	Perfluoroundecanoic acid	ND	0.015	ug/l		
307-55-1	Perfluorododecanoic acid	ND	0.015	ug/l		
72629-94-8	Perfluorotridecanoic acid	ND	0.015	ug/l		
376-06-7	Perfluorotetradecanoic acid	ND	0.015	ug/l		
375-73-5	Perfluorobutanesulfonic acid	ND	0.015	ug/l		
355-46-4	Perfluorohexanesulfonic acid	ND	0.015	ug/l		
1763-23-1	Perfluorooctanesulfonic acid	ND	0.015	ug/l		
2355-31-9	MeFOSAA	0.0191	0.038	ug/l	J	
2991-50-6	EtFOSAA	0.0222	0.038	ug/l	J	
CAS No.	Surrogate Recoveries	Limits				
	13C2-PFHxA	66% 61-134%				
	13C2-PFDA	92%	62-128	%		
	d5-EtFOSAA	77% 57-135%				

Project:

ATCMAS: 1850 East Mountain Road, Westfield, MA

Sample	File ID	DF	Analyzed	By	Prep Date 05/12/17	Prep Batch	Analytical Batch
OP65024-BS a	2Q1257.D	1	05/15/17	NAF		OP65024	S2Q36

The QC reported here applies to the following samples:

Method: EPA 537 MOD

MC50275-2

G . G . Y	~ .	Spike	BSP	BSP	
CAS No.	Compound	ug/l	ug/l	%	Limits
307-24-4	Perfluorohexanoic acid	0.154	0.146	95	63-146
375-85-9	Perfluoroheptanoic acid	0.154	0.156	101	71-138
335-67-1	Perfluorooctanoic acid	0.154	0.161	105	74-137
375-95-1	Perfluorononanoic acid	0.154	0.161	105	76-140
335-76-2	Perfluorodecanoic acid	0.154	0.157	102	65-148
2058-94-8	Perfluoroundecanoic acid	0.154	0.154	100	57-138
307-55-1	Perfluorododecanoic acid	0.154	0.119	77	58-118
72629-94-8	Perfluorotridecanoic acid	0.154	0.108	70	52-120
376-06-7	Perfluorotetradecanoic acid	0.154	0.109	71	49-122
375-73-5	Perfluorobutanesulfonic acid	0.154	0.184	120	73-148
355-46-4	Perfluorohexanesulfonic acid	0.154	0.204	133	74-142
1763-23-1	Perfluorooctanesulfonic acid	0.154	0.172	112	70-134
2355-31-9	MeFOSAA	0.154	0.160	104	57-128
2991-50-6	EtFOSAA	0.154	0.137	89	55-135
CAS No.	Surrogate Recoveries	BSP	Lin	nits	
	13C2-PFHxA	88%	61-	134%	
	13C2-PFDA	104%	62-	128%	

95% 57-135%

(a) Insufficient sample for MS/MSD.

d5-EtFOSAA

^{* =} Outside of Control Limits.

Semivolatile Surrogate Recovery Summary

Page 1 of 1

Job Number: Account:

MC50275

ALNE SGS Accutest New England

Project:

ATCMAS: 1850 East Mountain Road, Westfield, MA

Method: EPA 537

Matrix: DW

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 S2	S3
MC50275-2	2Q1128.D	132* a 93	105
MC50275-2	2Q1096.D	122 b 96	108
MC50275-2	2Q1261.D	55* c 63* c	59* ^c
Surrogate		Recovery	
A		T 1 10	

Compounds

Limits

S1 = 13C2-PFHxAS2 = 13C2-PFDA

70-130% 70-130%

S3 = d5-EtFOSAA

70-130%

- (a) Associated BS recovery outside control limits. Outside control limits. However, sample was ND.
- (b) Associated BS recovery outside control limits.
- (c) Outside control limits.