

DATA PACKAGE

SUB - DATA

PROJECT NAME : NORTH POINT

ENTACT

606 E. Baltimore Pike

Floor 3

Media, PA - 19063

Phone No: 4844440702

ORDER ID : P4842

ATTENTION : Wyatt Seel



Cover Page

Order ID : P4842

Project ID : North Point

Client : ENTACT

Lab Sample Number

P4842-01

Client Sample Number

WC-22

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature :

N. N. Pandya

APPROVED

Date: 11/24/2024
By Nimisha Pandya, QA/QC Supervisor at 12:17 pm, Nov 25, 2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



Summit Environmental Technologies, Inc.
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

November 21, 2024

PM
AAS-NEW
284 Sheffield Street
Mountainside, NJ 07092
TEL:
FAX:
RE: P4842

Order No.: 24111197

Dear PM:

Summit Environmental Technologies, Inc. received 1 sample(s) on 11/15/2024 for the analyses presented in the following report.

There were no problems with the analytical events associated with this report unless noted in the Case Narrative.

Quality control data is within laboratory defined or method specified acceptance limits except where noted.

If you have any questions regarding these tests results, please feel free to call the laboratory.

Sincerely,

Salwa Najjar

Project Manager

3310 Win St.
Cuyahoga Falls, Ohio 44223

Arkansas 88-0735, California 2943, Colorado, Connecticut PH-0108, Florida NELAC E87688, Idaho OH00923, Illinois 200061, Indiana C-OH-13, ISO/IEC 17025:2017 119125 L22-544, Kansas E-10347, Kentucky (Underground Storage Tank) 3, Kentucky 90146, Maryland 339, Michigan 9988, Minnesota 1780279, Nevada OH009232020-1, New Hampshire 2996, New Jersey OH006, New York 11777, North Carolina 39705 and 631, North Dakota R-201, Ohio DW, Ohio VAP CL0052, Oklahoma 2019-155, Oregon OH200001, Pennsylvania 68-01335, Rhode Island LA000317, South Carolina 92016001, Texas T104704466-19-16, Utah OH009232020-12, Virginia VELAP 10381, West Virginia 9957C



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Case Narrative

WO#: 24111197
Date: 11/21/2024

CLIENT: AAS-NEW

Project: P4842

WorkOrder Narrative:

24111197: This report in its entirety consists of the following documents: Cover Letter, Case Narrative, Analytical Results, QC Summary Report, Applicable Accreditation Information, Chain-of-Custody, Cooler Receipt Form, and other applicable forms as necessary. All documents contain the Summit Environmental Technologies, Inc., Work Order Number assigned to this report.

Summit Environmental Technologies, Inc., holds the accreditations/certifications listed at the bottom of the cover letter that may or may not pertain to this report. Please refer to the "Accreditation Program Analytes Report" for accredited analytes list.

The information contained in this analytical report is the sole property of Summit Environmental Technologies, Inc. and that of the customer. It cannot be reproduced in any form without the consent of Summit Environmental Technologies, Inc. or the customer for which this report was issued. The results contained in this report are only representative of the samples received. Conditions can vary at different times and at different sampling conditions. Summit Environmental Technologies, Inc. is not responsible for use or interpretation of the data included herein.

All results for Solid Samples are reported on an "as received" or "wet weight" basis unless indicated as "dry weight" using the "-dry" designation on the reporting units.

This report is believed to meet all of the requirements of the accrediting agency, where applicable. Any comments or problems with the analytical events associated with this report are noted below.

Original

These commonly used Qualifiers and Acronyms may or may not be present in this report.

Qualifiers

U	The compound was analyzed for but was not detected above the MDL.
J	The reported value is greater than the Method Detection Limit but less than the Reporting Limit.
H	The hold time for sample preparation and/or analysis was exceeded. Not Clean Water Act compliant.
D	The result is reported from a dilution.
E	The result exceeded the linear range of the calibration or is estimated due to interference.
MC	The result is below the Minimum Compound Limit.
*	The result exceeds the Regulatory Limit or Maximum Contamination Limit.
m	Manual integration was used to determine the area response.
d	Manual integration in which peak was deleted
N	The result is presumptive based on a Mass Spectral library search assuming a 1:1 response.
P	The second column confirmation exceeded 25% difference.
C	The result has been confirmed by GC/MS.
X	The result was not confirmed when GC/MS Analysis was performed.
B	The analyte was detected in the Method Blank at a concentration greater than the RL.
MB+	The analyte was detected in the Method Blank at a concentration greater than the MDL.
G	The ICB or CCB contained reportable amounts of analyte.
QC-/+	The CCV recovery failed low (-) or high (+).
R/QDR	The RPD was outside of accepted recovery limits.
QL-/+	The LCS or LCSD recovery failed low (-) or high (+).
QLR	The LCS/LCSD RPD was outside of accepted recovery limits.
QM-/+	The MS or MSD recovery failed low (-) or high (+).
QMR	The MS/MSD RPD was outside of accepted recovery limits.
QV-/+	The ICV recovery failed low (-) or high (+).
S	The spike result was outside of accepted recovery limits.
W	Samples were received outside temperature limits (0° – 6° C). Not Clean Water Act compliant.
Z	Deviation; A deviation from the method was performed; Please refer to the Case Narrative for additional information

Acronyms

ND	Not Detected	RL	Reporting Limit
QC	Quality Control	MDL	Method Detection Limit
MB	Method Blank	LOD	Level of Detection
LCS	Laboratory Control Sample	LOQ	Level of Quantitation
LCSD	Laboratory Control Sample Duplicate	PQL	Practical Quantitation Limit
QCS	Quality Control Sample	CRQL	Contract Required Quantitation Limit
DUP	Duplicate	PL	Permit Limit
MS	Matrix Spike	RegLvl	Regulatory Limit
MSD	Matrix Spike Duplicate	MCL	Maximum Contamination Limit
RPD	Relative Percent Different	MinCL	Minimum Compound Limit
ICV	Initial Calibration Verification	RA	Reanalysis
ICB	Initial Calibration Blank	RE	Reextraction
CCV	Continuing Calibration Verification	TIC	Tentatively Identified Compound
CCB	Continuing Calibration Blank	RT	Retention Time
RLC	Reporting Limit Check	CF	Calibration Factor

This list of Qualifiers and Acronyms reflects the most commonly utilized Qualifiers and Acronyms for reporting. Please refer to the Analytical Notes in the Case Narrative for any Qualifiers or Acronyms that do not appear in this list or for additional information regarding the use of these Qualifiers on reported data.

Original



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Workorder Sample Summary

WO#: 24111197
21-Nov-24

CLIENT: AAS-NEW
Project: P4842

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
24111197-001	WC-22		11/13/2024 11:00:00 AM	11/15/2024 9:20:00 AM	Solid



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DATES REPORT

WO#: 24111197

21-Nov-24

Client: AAS-NEW

Project: P4842

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
24111197-001A	WC-22	11/13/2024 11:00:00 AM	Solid	Percent Moisture by SM2540Mod			11/20/2024 7:54:00 PM
				PFAS in Solid Samples (EPA Method :		11/19/2024 8:21:51 AM	11/20/2024 7:00:00 AM

Original



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WO#: 24111197
Date Reported: 11/21/2024
Company: AAS-NEW
Address: 284 Sheffield Street
Mountainside NJ 07092
Received: 11/15/2024
Project#: P4842

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Qual	Matrix	Method	DF	MDL	PQL	Run	Analyst
WC-22	001	11/13/2024	11CI-PF3OUdS	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	0.169	0.787	11/20/2024	AEH
WC-22	001	11/13/2024	3:3 FTCA	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	0.191	1.04	11/20/2024	AEH
WC-22	001	11/13/2024	4:2 FTS	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	0.311	0.782	11/20/2024	AEH
WC-22	001	11/13/2024	5:3 FTCA	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	0.534	5.22	11/20/2024	AEH
WC-22	001	11/13/2024	6:2 FTS	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	0.249	0.794	11/20/2024	AEH
WC-22	001	11/13/2024	7:3 FTCA	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	1.17	5.22	11/20/2024	AEH
WC-22	001	11/13/2024	8:2 FTS	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	0.307	0.801	11/20/2024	AEH
WC-22	001	11/13/2024	9CL-PF3ONS	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	0.153	0.779	11/20/2024	AEH
WC-22	001	11/13/2024	ADONA	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	0.178	0.789	11/20/2024	AEH
WC-22	001	11/13/2024	HFPO-DA	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	0.234	0.835	11/20/2024	AEH
WC-22	001	11/13/2024	NEtFOSA	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	0.120	0.209	11/20/2024	AEH
WC-22	001	11/13/2024	NEtFOSAA	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	0.0604	0.209	11/20/2024	AEH
WC-22	001	11/13/2024	NEtFOSE	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	1.04	2.09	11/20/2024	AEH
WC-22	001	11/13/2024	NFDHA	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	0.0555	0.417	11/20/2024	AEH



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WO#: 24111197
Date Reported: 11/21/2024
Company: AAS-NEW
Address: 284 Sheffield Street
Mountainside NJ 07092
Received: 11/15/2024
Project#: P4842

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Qual	Matrix	Method	DF	MDL	PQL	Run	Analyst
WC-22	001	11/13/2024	NMeFOSA	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	0.0894	0.209	11/20/2024	AEH
WC-22	001	11/13/2024	NMeFOSAA	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	0.0517	0.209	11/20/2024	AEH
WC-22	001	11/13/2024	NMeFOSE	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	0.935	2.09	11/20/2024	AEH
WC-22	001	11/13/2024	PFBA	0.217	ng/g-dry	J	Solid	EPA 1633 Draft - Rev. 4	1	0.0778	0.835	11/20/2024	AEH
WC-22	001	11/13/2024	PFBS	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	0.0279	0.185	11/20/2024	AEH
WC-22	001	11/13/2024	PFDA	0.417	ng/g-dry		Solid	EPA 1633 Draft - Rev. 4	1	0.0733	0.209	11/20/2024	AEH
WC-22	001	11/13/2024	PFDaA	0.642	ng/g-dry		Solid	EPA 1633 Draft - Rev. 4	1	0.0411	0.209	11/20/2024	AEH
WC-22	001	11/13/2024	PFDoS	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	0.0391	0.202	11/20/2024	AEH
WC-22	001	11/13/2024	PFDS	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	0.0459	0.201	11/20/2024	AEH
WC-22	001	11/13/2024	PFEESA	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	0.0634	0.372	11/20/2024	AEH
WC-22	001	11/13/2024	PFHpA	0.453	ng/g-dry		Solid	EPA 1633 Draft - Rev. 4	1	0.0685	0.209	11/20/2024	AEH
WC-22	001	11/13/2024	PFHpS	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	0.0314	0.199	11/20/2024	AEH
WC-22	001	11/13/2024	PFHxA	0.342	ng/g-dry		Solid	EPA 1633 Draft - Rev. 4	1	0.0425	0.209	11/20/2024	AEH
WC-22	001	11/13/2024	PFHxS	0.0668	ng/g-dry	J	Solid	EPA 1633 Draft - Rev. 4	1	0.0539	0.190	11/20/2024	AEH



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Date Reported: 11/21/2024
Company: AAS-NEW
Address: 284 Sheffield Street
Mountainside NJ 07092
Received: 11/15/2024
Project#: P4842

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Qual	Matrix	Method	DF	MDL	PQL	Run	Analyst
WC-22	001	11/13/2024	PFMBA	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	0.0619	0.417	11/20/2024	AEH
WC-22	001	11/13/2024	PFMPA	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	0.0423	0.417	11/20/2024	AEH
WC-22	001	11/13/2024	PFNA	1.03	ng/g-dry		Solid	EPA 1633 Draft - Rev. 4	1	0.0566	0.209	11/20/2024	AEH
WC-22	001	11/13/2024	PFNS	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	0.0440	0.200	11/20/2024	AEH
WC-22	001	11/13/2024	PFOA	0.412	ng/g-dry		Solid	EPA 1633 Draft - Rev. 4	1	0.0817	0.209	11/20/2024	AEH
WC-22	001	11/13/2024	PFOS	0.179	ng/g-dry	J	Solid	EPA 1633 Draft - Rev. 4	1	0.0394	0.194	11/20/2024	AEH
WC-22	001	11/13/2024	PFOSA	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	0.0228	0.209	11/20/2024	AEH
WC-22	001	11/13/2024	PFPeA	0.442	ng/g-dry		Solid	EPA 1633 Draft - Rev. 4	1	0.0476	0.417	11/20/2024	AEH
WC-22	001	11/13/2024	PFPeS	ND	ng/g-dry	U	Solid	EPA 1633 Draft - Rev. 4	1	0.0238	0.196	11/20/2024	AEH
WC-22	001	11/13/2024	PFTeDA	0.270	ng/g-dry		Solid	EPA 1633 Draft - Rev. 4	1	0.0297	0.209	11/20/2024	AEH
WC-22	001	11/13/2024	PFTTrDA	10.1	ng/g-dry		Solid	EPA 1633 Draft - Rev. 4	1	0.0278	0.209	11/20/2024	AEH
WC-22	001	11/13/2024	PFUnA	5.22	ng/g-dry		Solid	EPA 1633 Draft - Rev. 4	1	0.0428	0.209	11/20/2024	AEH
WC-22	001	11/13/2024	Surr: 13C2-PFDA	85.8	%Rec		Solid	EPA 1633 Draft - Rev. 4	1		50-200	11/20/2024	AEH
WC-22	001	11/13/2024	Surr: 13C2-PFHxA	80.0	%Rec		Solid	EPA 1633 Draft - Rev. 4	1		50-200	11/20/2024	AEH

WO#: 24111197
Date Reported: 11/21/2024
Company: AAS-NEW
Address: 284 Sheffield Street
Mountainside NJ 07092
Received: 11/15/2024
Project#: P4842

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Qual	Matrix	Method	DF	MDL	PQL	Run	Analyst
WC-22	001	11/13/2024	Surr: 13C3-PFBA	71.5	%Rec		Solid	EPA 1633 Draft - Rev. 4	1		50-200	11/20/2024	AEH
WC-22	001	11/13/2024	Surr: 13C4-PFOA	78.4	%Rec		Solid	EPA 1633 Draft - Rev. 4	1		50-200	11/20/2024	AEH
WC-22	001	11/13/2024	Surr: 13C4-PFOS	100	%Rec		Solid	EPA 1633 Draft - Rev. 4	1		50-200	11/20/2024	AEH
WC-22	001	11/13/2024	Surr: 13C5-PFNA	78.1	%Rec		Solid	EPA 1633 Draft - Rev. 4	1		50-200	11/20/2024	AEH
WC-22	001	11/13/2024	Surr: 18O2-PFHxS	95.0	%Rec		Solid	EPA 1633 Draft - Rev. 4	1		50-200	11/20/2024	AEH
WC-22	001	11/13/2024	Percent Moisture	5.48	%		Solid	SM 2540	1	0.00100	0.100	11/20/2024	AAA



SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC
Analytical Laboratories

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Accreditation Program Analytes Report

WO#: 24111197
21-Nov-24

Client: AAS-NEW

State: NJ

Project: P4842

Program Name: NPW_SCM_NI

Sample ID	Matrix	Test Name	Analyte	Status
24111197-001A	Solid	Percent Moisture by SM2540Mod	Percent Moisture	N
	Solid	PFAS in Solid Samples (EPA Method 1633)	11Cl-PF3OUdS	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	4:2 FTS	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	5:3 FTCA	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	6:2 FTS	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	8:2 FTS	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	9CL-PF3ONS	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	ADONA	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	HFPO-DA	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	NEtFOSA	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	NEtFOSAA	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	NEtFOSE	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	NFDHA	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	NMeFOSA	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	NMeFOSAA	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	NMeFOSE	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	PFBA	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	PFBS	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	PFDA	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	PFDoA	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	PFDS	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	PFEESA	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	PFHpA	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	PFHxA	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	PFHxS	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	PFMBA	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	PFNA	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	PFOA	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	PFOS	A
	Solid	PFAS in Solid Samples (EPA Method 1633)	PFPeS	A

AL	U	Unavailable	AR	N	Not Accredited	LA-NELA	N	Not Accredited
CO	U	Unavailable	CT	N	Not Accredited	L-NELAI	A	Accredited
L-NELAI	N	Not Accredited	HI-DW	U	Unavailable	IA	A	Accredited
IA	N	Not Accredited	L-NELAF	N	Not Accredited	IN_DW	U	Unavailable
S - NELA	A	Accredited	S - NELA	N	Not Accredited	KY_UST	N	Not Accredited

Original #1



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QC SUMMARY REPORT

WO#: 24111197

21-Nov-24

Client: AAS-NEW

Project: P4842

BatchID: 80311

Sample ID: MB-80311	SampType: MBLK	TestCode: SVOC-EPA16	Units: ng/g	Prep Date: 11/19/2024	RunNo: 197331						
Client ID: PBS	Batch ID: 80311	TestNo: E1633	E1633	Analysis Date: 11/20/2024	SeqNo: 5337163						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
11Cl-PF3OUdS	ND	0.794									U
3:3 FTCA	ND	0.992									U
4:2 FTS	ND	0.794									U
5:3 FTCA	ND	4.96									U
6:2 FTS	ND	0.794									U
7:3 FTCA	ND	4.96									U
8:2 FTS	ND	0.794									U
9Cl-PF3ONS	ND	0.794									U
ADONA	ND	0.794									U
HFPO-DA	ND	0.794									U
NEtFOSA	ND	0.198									U
NEtFOSAA	ND	0.198									U
NEtFOSE	ND	1.98									U
NFDHA	ND	0.397									U
NMeFOSA	ND	0.198									U
NMeFOSAA	ND	0.198									U
NMeFOSE	ND	1.98									U
PFBA	ND	0.794									U
PFBS	ND	0.198									U
PFDA	ND	0.198									U
PFDaA	ND	0.198									U
PFDoS	ND	0.198									U
PFDS	ND	0.198									U

Qualifiers:
H Holding times for preparation or analysis exceeded
ND Not Detected
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified at testcode

J Analyte detected below quantitation limits
PL Permit Limit
S Spike Recovery outside accepted recovery limits

M Manual Integration used to determine area response
R RPD outside accepted recovery limits
U Samples with CalcVal < MDL

Original



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QC SUMMARY REPORT

WO#: 24111197

21-Nov-24

Client: AAS-NEW

Project: P4842

BatchID: 80311

Sample ID: MB-80311	SampType: MBLK	TestCode: SVOC-EPA16	Units: ng/g	Prep Date: 11/19/2024	RunNo: 197331						
Client ID: PBS	Batch ID: 80311	TestNo: E1633	E1633	Analysis Date: 11/20/2024	SeqNo: 5337163						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
PFEESA	ND	0.397									U
PFHpA	ND	0.198									U
PFHpS	ND	0.198									U
PFHxA	ND	0.198									U
PFHxS	ND	0.198									U
PFMBA	ND	0.397									U
PFMPA	ND	0.397									U
PFNA	ND	0.198									U
PFNS	ND	0.198									U
PFOA	ND	0.198									U
PFOS	0.0655	0.198									J
PFOSA	ND	0.198									U
PFPeA	ND	0.397									U
PFPeS	ND	0.198									U
PFTeDA	ND	0.198									U
PFTrDA	0.0268	0.198									J
PFUnA	ND	0.198									U
Surr: 13C2-PFDA	2.06		2.480		83.0	50	200				
Surr: 13C2-PFHxA	3.88		4.960		78.3	50	200				
Surr: 13C3-PFBA	7.22		9.921		72.8	50	200				
Surr: 13C4-PFOA	4.09		4.960		82.4	50	200				
Surr: 13C4-PFOS	3.77		4.752		79.4	50	200				
Surr: 13C5-PFNA	1.83		2.480		73.9	50	200				

Qualifiers:
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PL Permit Limit
S Spike Recovery outside accepted recovery limits

M Manual Integration used to determine area response
R RPD outside accepted recovery limits
U Samples with CalcVal < MDL

Original



Summit Environmental Technologies, Inc.
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Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

QC SUMMARY REPORT

WO#: 24111197

21-Nov-24

Client: AAS-NEW

Project: P4842

BatchID: 80311

Sample ID: MB-80311	SampType: MBLK	TestCode: SVOC-EPA16	Units: ng/g	Prep Date: 11/19/2024	RunNo: 197331						
Client ID: PBS	Batch ID: 80311	TestNo: E1633	E1633	Analysis Date: 11/20/2024	SeqNo: 5337163						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 18O2-PEHxS	4.10		4.702		87.1	50	200				

Sample ID: LCS-80311	SampType: LCS	TestCode: SVOC-EPA16	Units: ng/g	Prep Date: 11/19/2024	RunNo: 197331						
Client ID: LCSS	Batch ID: 80311	TestNo: E1633	E1633	Analysis Date: 11/20/2024	SeqNo: 5337165						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
11Cl-PF3OUdS	39.4	0.792	37.35	0	106	45	160				
3:3 FTCA	46.7	0.990	49.50	0	94.2	45	130				
4:2 FTS	40.3	0.792	37.11	0	109	60	150				
5:3 FTCA	260	4.95	247.5	0	105	60	130				
6:2 FTS	35.2	0.792	37.66	0	93.4	55	200				
7:3 FTCA	272	4.95	247.5	0	110	60	150				
8:2 FTS	45.6	0.792	38.02	0	120	70	150				
9CL-PF3ONS	41.9	0.792	36.95	0	113	70	150				
ADONA	42.2	0.792	37.43	0	113	70	160				
HFPO-DA	42.9	0.792	39.60	0	108	70	145				
NEtFOSA	10.5	0.198	9.901	0	106	70	140				
NEtFOSAA	10.1	0.198	9.901	0	102	65	165				
NEtFOSE	104	1.98	99.01	0	105	70	135				
NFDHA	19.8	0.396	19.80	0	100	60	155				
NMeFOSA	10.6	0.198	9.901	0	107	70	155				
NMeFOSAA	10.4	0.198	9.901	0	105	65	155				

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QC SUMMARY REPORT

WO#: 24111197

21-Nov-24

Client: AAS-NEW

Project: P4842

BatchID: 80311

Sample ID: LCS-80311	SampType: LCS	TestCode: SVOC-EPA16	Units: ng/g	Prep Date: 11/19/2024	RunNo: 197331						
Client ID: LCSS	Batch ID: 80311	TestNo: E1633	E1633	Analysis Date: 11/20/2024	SeqNo: 5337165						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
NMeFOSE	103	1.98	99.01	0	104	70	140				
PFBA	42.2	0.792	39.60	0	107	70	140				
PFBS	8.67	0.198	8.792	0	98.7	65	145				
PFDA	9.59	0.198	9.901	0	96.9	70	155				
PFDaA	11.8	0.198	9.901	0	119	70	150				
PFDoS	8.40	0.198	9.584	0	87.7	25	160				
PFDS	8.35	0.198	9.545	0	87.5	40	155				
PFEESA	19.1	0.396	17.66	0	108	70	140				
PFHpA	10.7	0.198	9.901	0	108	65	145				
PFHpS	8.88	0.198	9.426	0	94.2	65	155				
PFHxA	11.9	0.198	9.901	0	120	65	140				
PFHxS	10.1	0.198	9.034	0	112	60	150				
PFMBA	20.3	0.396	19.80	0	103	60	150				
PFMPA	22.3	0.396	19.80	0	113	30	140				
PFNA	10.4	0.198	9.901	0	105	70	155				
PFNS	8.52	0.198	9.505	0	89.6	55	140				
PFOA	9.57	0.198	9.901	0	96.6	70	150				
PFOS	8.63	0.198	9.188	0	94.0	65	160				
PFOSA	10.6	0.198	9.901	0	107	70	140				
PFPeA	20.8	0.396	19.80	0	105	60	150				
PFPeS	11.4	0.198	9.307	0	122	55	160				
PFTeDA	10.3	0.198	9.901	0	104	65	150				
PFTTrDA	9.74	0.198	9.901	0	98.4	65	150				

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QC SUMMARY REPORT

WO#: 24111197

21-Nov-24

Client: AAS-NEW

Project: P4842

BatchID: 80311

Sample ID: LCS-80311	SampType: LCS	TestCode: SVOC-EPA16	Units: ng/g	Prep Date: 11/19/2024	RunNo: 197331						
Client ID: LCSS	Batch ID: 80311	TestNo: E1633	E1633	Analysis Date: 11/20/2024	SeqNo: 5337165						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
PFUnA	9.00	0.198	9.901	0	90.9	70	155				
Surr: 13C2-PFDA	1.93		2.475		78.0	50	200				
Surr: 13C2-PFHxA	3.56		4.950		71.9	50	200				
Surr: 13C3-PFBA	6.81		9.901		68.7	50	200				
Surr: 13C4-PFOA	3.97		4.950		80.2	50	200				
Surr: 13C4-PFOS	4.12		4.743		86.9	50	200				
Surr: 13C5-PFNA	1.70		2.475		68.6	50	200				
Surr: 18O2-PFHxS	4.04		4.693		86.1	50	200				

Qualifiers:
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QC SUMMARY REPORT

WO#: 24111197

21-Nov-24

Client: AAS-NEW

Project: P4842

BatchID: R197453

Sample ID: MB-R197453	SampType: MBLK	TestCode: PctMoist_S(2 Units: %				Prep Date:				RunNo: 197453		
Client ID: PBS	Batch ID: R197453	TestNo: A2540B				Analysis Date: 11/20/2024				SeqNo: 5340580		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Percent Moisture	0.0483	0.100									J	

Sample ID: 24111278-018BDUP	SampType: DUP	TestCode: PctMoist_S(2 Units: %				Prep Date:				RunNo: 197453		
Client ID: BatchQC	Batch ID: R197453	TestNo: A2540B				Analysis Date: 11/20/2024				SeqNo: 5340589		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Percent Moisture	14.8	0.100						13.78	7.36	5	R	

Sample ID: 24111270-001ADUP		SampType: DUP		TestCode: PctMoist_S(2 Units: %			Prep Date:			RunNo: 197453		
Client ID: BatchQC		Batch ID: R197453		TestNo: A2540B			Analysis Date: 11/20/2024			SeqNo: 5340599		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture		9.19	0.100						9.314	1.39	5	

Qualifiers:
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Original

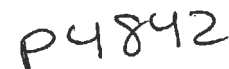


CHAIN OF CUSTODY RECORD

P4842

NO. 1 OF 2

COMPANY INFORMATION			PROJECT INFORMATION				REQUESTED ANALYSIS/METHOD										COMMENTS			
LOCATION	ENTACT LLC		PROJECT	North Point																
ATTN	Wyatt Seel		BILLING INFORMATION				NUMBER OF CONTAINERS TPH analysis (EPH Cat2, DRO & GRO) (8015)													
ADDRESS	150 Bay Street, Suite 801		BILL TO	ENTACT LLC																
	Jersey City, NJ		ADDRESS	999 Oakmont Plaza Drive Suite 300																
PHONE	419-266-4671		PHONE	630-986-2900																
FAX			FAX	PO# E9306																
SAMPLE ID	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	SAMPLE TYPE	CONTAINER TYPE											COMMENTS			
EX-9-TPH-9	TPH	11/13	11:00	Soil	G	Teracore / 8oz	2	X												
EX-9-TPH-10	TPH	11/13	11:00	Soil	G		2	X												
EX-9-TPH-11	TPH	11/13	11:00	Soil	G		2	X												
EX-9-TPH-12	TPH	11/13	11:00	Soil	G		2	X												
EX-9-TPH-13	TPH	11/13	11:00	Soil	G		2	X												
EX-9-TPH-14	TPH	11/13	11:00	Soil	G		2	X												
EX-9-TPH-15	TPH	11/13	11:00	Soil	G		2	X												
EX-9-TPH-16	TPH	11/13	11:00	Soil	G		2	X												
EX-9-TPH-17	TPH	11/13	11:00	Soil	G		2	X												
SAMPLER		A. Farmerie		SHIPMENT		courier Temp 3.6°C				AIRBILL										
REQUIRED TURNAROUND		☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☒ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER: _____																		
1. RELINQUISHED BY		DATE		2. RELINQUISHED BY				DATE		3. RELINQUISHED BY				DATE						
SIGNATURE:		11-13-24		SIGNATURE:						SIGNATURE:				11-13-24						
PRINTED NAME/COMPANY: Austin Farmerie ENTACT				PRINTED NAME/COMPANY:						PRINTED NAME/COMPANY: Jahmir Davis Alliance				1735						
1. RECEIVED BY		DATE		2. RECEIVED BY				DATE		3. RECEIVED BY				DATE						
SIGNATURE:		11-13-24		SIGNATURE:						SIGNATURE:										
PRINTED NAME/COMPANY: Jahmir Davis Alliance		1415		PRINTED NAME/COMPANY:						PRINTED NAME/COMPANY:										



NO. 2 OF 3

P4842



NO. 3 OF 3

P4842

24111197

CHAIN OF CUSTODY RECORD

Sub Lab INFORMATION		CLIENT PROJECT INFORMATION		CLIENT BILLING INFORMATION	
COMPANY : Summit Enviromental Technologies I		ORDER ID : P4842		BILL TO: CHEMTECH PO# : P4842	
ADDRESS : 3310 Win St		PROJECT ID:North Point		ADDRESS : 284, Sheffield Street	
CITY:Cuyahoga State :Ohio ZIP :44223		PROJECT MANAGER YAZMEEN		CITY: Mountainside State : NJ ZIP : 07092	
E-mail :		E-mail : YAZMEEN@CHEMTECH.NET		ATTENTION :YAZMEE	
PHONE :330-253-8211		PHONE : (908) 789 8900	FAX: (908) 789 8922	PHONE : (908) 789 8900 FAX : (908) 789 8922	

EDD : NONE	Report : Level 1	Comment :
------------	------------------	-----------

ID	CLIENT SAMPLE IDENTIFICATION	SAMPLE MATRIX	ANALYSIS	Preservative	Method	SAMPLE COLLECTION		# OF BOTTLES	TAT DAYS
						DATE	TIME		
01	WC-22	Solid	PFAS	Cool 4 deg C	1633	11/13/2024	11:00:00	1	5

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGES POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATETIME:	RECEIVED BY:	Conditions of bottles or Coolers at receipt:	☐ Compliant	☐ Non Compliant	Cooler Temp
1.	11-14-24 1600	1.	11/15/24 4.2-0.1=4.1			
RELINQUISHED BY:	DATETIME:	RECEIVED BY:				Ice or Cooler?
2.		2.				
RELINQUISHED BY:	DATETIME:	RECEIVED BY:				
3.		3.				

Sample Log-In Check List

Client Name: CHE-NJ-07972

Work Order Number: 24111197

RcptNo: 1

Logged by: Anthony W. Britton 11/15/2024 9:20:00 AM

Anthony Britton

Completed By: Anthony W. Britton 11/15/2024 6:21:46 PM

Anthony Britton

Reviewed By: Jennifer Woolf 11/18/2024 1:41:28 PM

Jennifer Woolf

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? FedEx

Log In

3. Coolers are present? Yes ☒ No ☐ NA ☐
4. Shipping container/cooler in good condition? Yes ☒ No ☐
Custody seals intact on shipping container/cooler? Yes ☐ No ☐ Not Present ☒
No. Seal Date: Signed By:
5. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
6. Were all samples received at a temperature of >0° C to 6.0°C Yes ☒ No ☐ NA ☐
7. Sample(s) in proper container(s)? Yes ☐ No ☒
8. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
10. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes ☐ No ☐ No VOA Vials ☒
12. Were any sample containers received broken? Yes ☐ No ☒
13. Does paperwork match bottle labels? Yes ☒ No ☐
(Note discrepancies on chain of custody)
14. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
15. Is it clear what analyses were requested? Yes ☒ No ☐
16. Were all holding times able to be met? Yes ☒ No ☐
(If no, notify customer for authorization.)

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: Date:
By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:
Client Instructions:

18. Additional remarks:

Sample received in 8oz glass jar.

Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.1	Good	Not Present			