

ANALYTICAL RESULTS SUMMARY

METALS

PROJECT NAME : RAYMARK SUPERFUND SITE CT 19-NH-95700-001

NOBIS GROUP

585 Middlesex Street

Lowell, MA - 01851

Phone No: 978-683-0891

ORDER ID: Q1540

ATTENTION : Adam Roy



Laboratory Certification ID # 20012







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Cover Page

- **Order ID :** Q1540
- Project ID : Raymark Superfund Site CT 19-NH-95700-001
 - Client : Nobis Group

Lab Sample Number

Client Sample Number

Q1540-01

OU4-CF-15R-031025

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 :



By Nimisha Pandya, QA/QC Supervisor at 10:35 am, Mar 21, 2025

Date: 3/20/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

REASONABLECONFIDENCEPROTOCOL



LABORATORYANALYSISQA/QCCERTIFICATIONFORM

Laboratory Name: AllianceTechnical Group LLC

Project Location: Stratford, CT

Laboratory SampleID(s):Q1540

ListRCPMethodsUsed (6010D) *Client:* Nobis Group

ProjectNumber: 95700

SamplingDate(s):03/10/25

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	⊠Yes □ No
1A	Were the method specified preservation and holding time requirements met?	⊠Yes □No
1B	<u>VPH and EPH Methods only</u> : Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)	□Yes □No ∞N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	⊠Yes □ No
3	Were samples received at an appropriate temperature (<6° C°)?	⊠Yes □No
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	□Yes ⊠No
5	a) Were reporting limits specified or referenced on the chain-of-custody?	\boxtimes Yes \square No
,	b) Were these reporting limits met?	⊠Yes □ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	⊠Yes □ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	□Yes ⊠No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence." This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and	penalties of p	erjury that, to the best of my								
knowledge and belief and based upon my personal inquiry of those responsible for providing										
the information contained in this analytical report, such information is accurate and complete.										
Authorized Signature: N. N. Paneya	Position: OC	SUPERVISOR								
Printed Name: <u>NIMISHA N. PANDYA</u>	Date:	03/21/2025								
Nameof Laboratory <u>AllianceTechnical Group LLC</u>										

This certification form is to be used for RCP methods only.

CTDEP RCP Laboratory Analysis QA/QC Certification Form - November 2007

Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocol



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

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Nobis Group Project Name: Raymark Superfund Site CT 19-NH-95700-001 Project # N/A Chemtech Project # Q1540 Test Name: SPLP MetalGroup6

A. Number of Samples and Date of Receipt:

1 Solid sample was received on 03/11/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: SPLP Extraction, SPLP Mercury, SPLP MetalGroup6, SPLP MetalGroup7 and SPLP ZHE Ext. This data package contains results for SPLP MetalGroup6.

C. Analytical Techniques:

The analysis of SPLP MetalGroup6 was based on method 6010D and digestion based on method 3050 (soils).

D. QA/ QC Samples:

The Holding Times were met for all analysis. The Blank Spike met requirements for all samples. The Duplicate analysis met criteria for all samples. The Matrix Spike (OU4-CF-15R-031025MS) analysis met criteria for all samples except for Copper due to matrix interference. The Matrix Spike Duplicate(OU4-CF-15R-031025MSD) analysis met criteria for all samples except for Copper due to matrix interference. The Blank analysis did not indicate the presence of lab contamination. The Calibration met the requirements. The Serial Dilution met the acceptable requirements.

E. Additional Comments:

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.





DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).										
U	Indicates the analyte was analyzed for, but not detected.										
ND	Indicates the analyte was analyzed for, but not detected										
Ε	Indicates the reported value is estimated because of the presence of interference										
Μ	Indicates Duplicate injection precision not met.										
Ν	Indicates the spiked sample recovery is not within control limits.										
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).										
*	Indicates that the duplicate analysis is not within control limits.										
+	Indicates the correlation coefficient for the MSA is less than 0.995.										
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.										
M OR	Method qualifiers"P"for ICP instrument"PM"for ICP when Microwave Digestion is used"CV"for Manual Cold Vapor AA"AV"for automated Cold Vapor AA"CA"for MIDI-Distillation Spectrophotometric"AS"for Semi – Automated Spectrophotometric"T"for Titrimetric"NR"for analyte not required to be analyzedIndicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.										
Q	Indicates the LCS did not meet the control limits requirements										
Н	Sample Analysis Out Of Hold Time										



APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1540

GENERAL:

Chronicle

For thorough review, the report must have the following: Are all original paperwork present (chain of custody, record of communication, airbill, sample management lab chronicle, login page) × × × × × Check chain-of-custody for proper relinquish/return of samples Is the chain of custody signed and complete Check internal chain-of-custody for proper relinquish/return of samples /sample extracts Collect information for each project id from server. Were all requirements followed **COVER PAGE:** Do numbers of samples correspond to the number of samples in the Chain of Custody on login page Do lab numbers and client Ids on cover page agree with the Chain of Custody **CHAIN OF CUSTODY:** ✓ ✓ ✓ ✓ ✓ Do requested analyses on Chain of Custody agree with form I results Do requested analyses on Chain of Custody agree with the log-in page Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody Were the samples received within hold time Were any problems found with the samples at arrival recorded in the Sample Management Laboratory ANALYTICAL: ✓ ✓ ✓ ✓ ✓ ✓

Was method requirement followed? Was client requirement followed? Does the case narrative summarize all QC failure? All runlogs and manual integration are reviewed for requirements All manual calculations and /or hand notations verified

SOHIL JODHANI **QA Review Signature:**

Completed



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

В
С
D

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SDG No.: Client:	Q1540 Nobis Group			Order ID: Project ID	Q1540 Raymark Sup	perfund Site (CT 19-NH	-95700-	
Sample ID	Client ID	Matrix	Parameter	Concentration	С	MDL	LOD	RDL	Units
CP+ ID .									

Hit Summary Sheet SW-846





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A B C D



Report of Analysis

	Report of Analysis												
Client:		Nob	ois Grou	ıp				Date Collected		С			
Project:		Ray	mark S	uperf	und Site	CT 19-1	NH-95700-001	Date Received	Date Received: 03/11/25				
Client Sa	ample ID:	OU4	4-CF-1:	5R-03	31025			SDG No.:	Q154	Q1540			
Lab Sam	ple ID:	Q15	540-01						Matrix:				
Level (lo	ow/med):	low							% Solid:	0			
Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.	_
7440-50-8	Copper	306	N	1	14.1	16.0	20.0	ug/L	03/12/25 12:05	03/12/25 14:32	SW6010	SW3010	-

Color Before:	Colorless	Clarity Before:	Clear	Texture:							
Color After:	Colorless	Clarity After:	Clear	Artifacts:							
Comments:	SPLP MetalGroup6										
U = Not Detec	eted			J = Estimated Value							
LOQ = Limit	of Quantitation			B = Analyte Found in Associated Method Blank							
MDL = Method	d Detection Limit			* = indicates the duplicate analysis is not within control limits.							
LOD = Limit of	of Detection			E = Indicates the reported value is estimated because of the presence							
D = Dilution				of interference.							
Q = indicates	LCS control criteria did not m	eet requirements		OR = Over Range							
				N =Spiked sample recovery not within control limits							
71540			40 -								

10 of 14



D

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LAB CHRONICLE

OrderID: Client: Contact:	Q1540 Nobis Group Adam Roy			OrderDate: Project: Location:	3/11/2025 10:3 Raymark Supe I31	8:00 AM rfund Site CT 1	9-NH-95700-00	1
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1540-01	OU4-CF-15R-031025	Water	SPLP MetalGroup6	6010D	03/10/25	03/12/25	03/12/25	03/11/25



<u>SHIPPING</u> DOCUMENTS

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Chemtech	Phone: (908) 789-8900			http://www.c	contestlab	s.com DF CUSTOD	Y RECO	RD.	39 Spruc East Lon	e Street gmeadow	, MA 0102	Doc # 381 28	Rev 4_	_01/08/3	2020					Q1540 Page_1_of_1_
	East (008) 789-8977		Rea	uested Turnar	round Tim	ne		Dissolv	ed Metals	Samples				ANALY	SIS R	EQUES	STED	_		
284 Sheffield Street, Mounta	ainside, NJ 07092		5-Day		10-Day	2	0	F	ield Filte	red		1					_			* Preservation Code
Company Name:	Nobis Group		PFAS 10-Day	std) 🗆	Due Date		0		ab to Fill	ter					1.0					Committee Office
Address:	55 Technology Dr Suite 101, Lowell	, MA 01851	R	ush-Approval	Required			Orthop	hosphate	Samples										Total Number Of:
Phone:	978-703-6014		1-Day c	1 1	3-Day	a	0	F	ield Filte	red										10.110
Project Name:	Raymark		2.Day 🛛)	4-Day	0	0		Lab to Fili	ter										VIALS
Project Location:	Stratford, CT					Data Del	very							1 1						GLASS
Project Number:	95700		Format:	PDF ₪	EXCEL 6	2		P	CB ON	LY										PLASTIC
Project Manager:	Adam Roy		Other:				SOXH	ILET		Ø		_								BACTERIA
Con-Test Quote Name/Number			CLP Like Data	Pkg Required	i: □	No						a a								ENCORE
Invoice Recipient:			Email To:	aroy@nobis	s-group.	com	NON	SOXHL	ET	a		8								
Sampled By:	P. Moran		Fax To #:																	Glassware in the fridge?
Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	'Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	SPLI								Y/N
	OUA CE 15P 031025	3/10/25	11.30	G	so			1				X								Glassware in freezer? Y / N
	004-01-158-031025	5710725	11.50		50															Prepackaged Cooler? Y / N
																				*Contest is not responsible for
													+							missing samples from prepacked coolers
Relimination (signature)	Date/Time: 3/10/25 1200	Client Comme	ints:																	 ¹ <u>Matrix Codes</u>: GW = Ground Water WW = Waste Water DW = Drinking Water A = Air S = Soil SL = Sludge SOL = Solid O = Other (please define) ² <u>Preservation Codes</u>: I = lced
Received by: (signature)	Date/Time: 9.56		t finanta-	J.K O	in the															H = HCL
Ch-	3-11-25		_		ACC NO.					nte		-								M = Methanol
Relinquished by: (signature)	Date/Time:	Detectio	on Limit Requ	irements		and sold to	2	рестат к	equireme	ents	MA MC	P Requir	ed Pl	ease use	e the fo	llowin	g codes	to indi	icate	NI Alterate Antal
Desering his (simulations)		MA			-			_		MCP Certi	fication Fr	rm Requir	p p	ossible s	ample	concer	itration	within	the	N = NILLIC ACIO
Received by. (signature)	Date/Time:				Ø						CT RC	P Requir	ed	C	onc Co	de colu	imn abo	ve:		S = Sulfuric Acid
Relinquished by: (signature)	Date/Timę:	ст								RCP Certi	fication Fo	orm Requi	red	nign; m	- meat	Unkno	wn	C - Clea	an; U	B = Sodium Bisulfate
Received by: (signature)	Date/Time:				0					N	A State D	V Require	1							X = Sodium Hydroxide
		Other:			PWSID #	#	_							NELAC	Ind Alt	AHLAP	LUCA	condit	ted	T = Sodium
Relinquished by: (signature)	Date/Time:	Project Entity	/ Government	0	Municipa	ality			MWRA	D		WRTA			C)ther □	Chr	romatos	gram	O = Other (please
Received by: (signature)	Date/Time:	5 - 7 ⁻	Federal Citv	0	21 J Brownfi	eld	0		School MBTA							٥	Alh	IA-LAP,	,LLC	define)
Lab Comments:									Discla Chain o analyso Test v	timer: Co of Custoc es the lal alues you	on-Test I ly is a le poratory ur partne	abs is no gal docu will per ership or	ot resp ment i form. i each	onsible that mu Any mi project be	for an ist be issing i and v held a	ny omi compl nform vill try ccoun	tted in ete and ation i to ass table.	nforma d accu s not t sist wit	ition o rate a the lat	n the Chain of Custody. The nd is used to determine wha poratory's responsibility. Co sing information, but will not



Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	