

Pace Analytical Services, LLC 575 Broad Hollow Road Melville, NY 11747 (631)694-3040

February 27, 2020

Gordon Eddington MANCHESTER-SHORTSVILLE WWTP 3890 RT. 96 MANCHESTER, NY 14504

RE: Project: COMPOST 2/11 Pace Project No.: 70121472

Dear Gordon Eddington:

Enclosed are the analytical results for sample(s) received by the laboratory on February 12, 2020. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Some analyses have been subcontracted outside of the Pace Network. The subcontracted laboratory report has been attached.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Relika Smith

Rebeka K. Smith rebeka.smith@pacelabs.com (631)694-3040 Project Manager

Enclosures

cc: Debbie Chase, MANCHESTER-SHORTSVILLE WWTP



ace Analytical

Pace Analytical Services, LLC 575 Broad Hollow Road Melville, NY 11747 (631)694-3040

CERTIFICATIONS

Project: COMPOST 2/11 Pace Project No.: 70121472

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601 ANAB DOD-ELAP Rad Accreditation #: L2417 Alabama Certification #: 41590 Arizona Certification #: AZ0734 Arkansas Certification California Certification #: 04222CA Colorado Certification #: PA01547 Connecticut Certification #: PH-0694 **Delaware Certification** EPA Region 4 DW Rad Florida/TNI Certification #: E87683 Georgia Certification #: C040 Florida: Cert E871149 SEKS WET **Guam Certification** Hawaii Certification Idaho Certification **Illinois Certification** Indiana Certification Iowa Certification #: 391 Kansas/TNI Certification #: E-10358 Kentucky Certification #: KY90133 KY WW Permit #: KY0098221 KY WW Permit #: KY0000221 Louisiana DHH/TNI Certification #: LA180012 Louisiana DEQ/TNI Certification #: 4086 Maine Certification #: 2017020 Maryland Certification #: 308 Massachusetts Certification #: M-PA1457 Michigan/PADEP Certification #: 9991

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747 New York Certification #: 10478 Primary Accrediting Body New Jersey Certification #: NY158 Pennsylvania Certification #: 68-00350 Connecticut Certification #: PH-0435 Missouri Certification #: 235 Montana Certification #: Cert0082 Nebraska Certification #: NE-OS-29-14 Nevada Certification #: PA014572018-1 New Hampshire/TNI Certification #: 297617 New Jersey/TNI Certification #: PA051 New Mexico Certification #: PA01457 New York/TNI Certification #: 10888 North Carolina Certification #: 42706 North Dakota Certification #: R-190 Ohio EPA Rad Approval: #41249 Oregon/TNI Certification #: PA200002-010 Pennsylvania/TNI Certification #: 65-00282 Puerto Rico Certification #: PA01457 Rhode Island Certification #: 65-00282 South Dakota Certification Tennessee Certification #: 02867 Texas/TNI Certification #: T104704188-17-3 Utah/TNI Certification #: PA014572017-9 USDA Soil Permit #: P330-17-00091 Vermont Dept. of Health: ID# VT-0282 Virgin Island/PADEP Certification Virginia/VELAP Certification #: 9526 Washington Certification #: C868 West Virginia DEP Certification #: 143 West Virginia DHHR Certification #: 9964C Wisconsin Approve List for Rad Wyoming Certification #: 8TMS-L

Maryland Certification #: 208 Rhode Island Certification #: LAO00340 Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987



SAMPLE ANALYTE COUNT

Project:COMPOST 2/11Pace Project No.:70121472

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
70121472001	COMPOST #6	EPA 6010C	JMW	10	PACE-MV
		EPA 7471B	JLN	1	PACE-MV
		ASTM D2216-92M	DND	1	PACE-MV
		SM22 2540G	DND	2	PACE-MV
		SM22 4500-P E	KM1	1	PACE-MV
		EPA 9045D	DND	2	PACE-MV
		EPA 350.1	JWL	1	PASI-PA
		EPA 351.2	AKS	1	PACE-MV
		EPA 9056A	BNK	2	PACE-MV



ANALYTICAL RESULTS

Project: COMPOST 2/11

Pace Project No.: 70121472

Sample: COMPOST #6	Lab ID: 70 ⁴	21472001	Collected: 02/11/2	0 09:40	Received: 02	2/12/20 10:15 N	Atrix: Solid	
Results reported on a "dry weight"	' basis and are ad	ljusted for p	ercent moisture, sa	mple s	ize and any dilu	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Me	thod: EPA 60	10C Preparation Me	ethod: E	EPA 3050B			
Arsenic	ND	mg/kg	1.3	1	02/13/20 10:47	02/14/20 14:29	7440-38-2	
Cadmium	0.44	mg/kg	0.32	1	02/13/20 10:47	02/14/20 14:29	7440-43-9	
Chromium	10.7	mg/kg	1.3	1	02/13/20 10:47	02/14/20 14:29	7440-47-3	
Copper	300	mg/kg	3.2	1	02/13/20 10:47	02/14/20 14:29	7440-50-8	
Lead	17.3	mg/kg	0.65	1	02/13/20 10:47	02/14/20 14:29	7439-92-1	
Molybdenum	2.8	mg/kg	2.6	1	02/13/20 10:47	02/14/20 14:29	7439-98-7	
Nickel	7.4	mg/kg	5.2	1	02/13/20 10:47	02/14/20 14:29	7440-02-0	
Potassium	2390	mg/kg	646	1	02/13/20 10:47	02/14/20 14:29	7440-09-7	
Selenium	3.1	mg/kg	1.3	1		02/14/20 14:29		
Zinc	367	mg/kg	2.6	1	02/13/20 10:47	02/14/20 14:29	7440-66-6	
7471 Mercury	Analytical Me	thod: EPA 74	71B Preparation Me	ethod: E	PA 7471B			
Mercury	ND	mg/kg	0.072	1	02/17/20 11:58	02/17/20 14:16	7439-97-6	
Percent Moisture	Analytical Me	thod: ASTM I	D2216-92M					
Percent Moisture	57.4	%	0.10	1		02/13/20 23:33		
2540G Total Fixed Vol Solids	Analytical Me	thod: SM22 2	2540G					
Total Solids	2.5	%	0.10	1		02/13/20 23:09		N3
Total Volatile Solids	78.3	%	0.10	1		02/13/20 23:09		N3
4500PE Total Phosphorus	Analytical Me	thod: SM22 4	1500-P E Preparatio	n Meth	od: SM22 4500-P	В		
Phosphorus	13900	mg/kg	618	100	02/12/20 13:51	02/12/20 15:46	7723-14-0	M6
Corrosivity pH, <20% Water	Analytical Me	thod: EPA 90	45D					
рН	5.6	Std. Units	0.10	1		02/12/20 20:12		
, Temperature, Water (C)	25.0	deg C	0.10	1		02/12/20 20:12		
350.1 Ammonia	Analytical Me	thod: EPA 35	0.1 Preparation Met	thod: El	PA 350.1			
Nitrogen, Ammonia	7550	mg/kg	97.1	10	02/26/20 09:15	02/26/20 15:37	7664-41-7	ML
351.2 Total Kjeldahl Nitrogen	Analytical Me	thod: EPA 35	1.2 Preparation Met	thod: El	PA 351.2			
Nitrogen, Kjeldahl, Total	4390	mg/kg	587	20	02/25/20 09:36	02/26/20 16:56	7727-37-9	
9056 IC Anions 48hr	Analytical Me	thod: EPA 90	56A Preparation Me	ethod: E	PA 9056A			
Nitrate as N Nitrite as N	2500 ND	mg/kg mg/kg	116 2.3	50 1		02/20/20 10:27 02/20/20 10:10		



Project: COMPOST 2/1	1						
Pace Project No.: 70121472							
QC Batch: 149820		Analysis Meth	iod: E	PA 7471B			
QC Batch Method: EPA 7471B		Analysis Desc	cription: 7	471 Mercury			
Associated Lab Samples: 70121	472001						
METHOD BLANK: 718729		Matrix:	Solid				
Associated Lab Samples: 70121	472001						
Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifie	ers	
Mercury	mg/kg	ND	0.033	3 02/17/20 14:	06		
LABORATORY CONTROL SAMPLI	E: 718730						
Parameter	Units	•	_CS esult	LCS % Rec	% Rec Limits	Qualifiers	
Mercury	mg/kg	0.17	0.16	94	80-120		
MATRIX SPIKE SAMPLE:	718731						
_		70121336001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Mercury	mg/kg	<0.03	9 0.17	0.17	97	7 80-120	
SAMPLE DUPLICATE: 718732							
		70121336001	Dup				
Parameter	Units	Result	Result	RPD	Qualifiers		
Farameter	01113		rtooun				

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: COMPOST 2/11

Pace Project No.: 70121472

QC Batch: 149446		Analysis Meth	nod: EF	PA 6010C	
QC Batch Method: EPA 3050B		Analysis Desc	cription: 60	10 MET	
Associated Lab Samples: 7012	1472001				
METHOD BLANK: 716569		Matrix:	Solid		
Associated Lab Samples: 7012	1472001				
		Blank	Reporting		
Parameter	Units	Result	Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	0.50	02/14/20 02:09	
Cadmium	mg/kg	ND	0.12	02/14/20 02:09	
Chromium	mg/kg	ND	0.50	02/14/20 02:09	
Copper	mg/kg	ND	1.2	02/14/20 02:09	
Lead	mg/kg	ND	0.25	02/14/20 02:09	
Molybdenum	mg/kg	ND	1.0	02/14/20 02:09	
Nickel	mg/kg	ND	2.0	02/14/20 02:09	
Potassium	mg/kg	ND	250	02/14/20 02:09	
Selenium	mg/kg	ND	0.50	02/14/20 02:09	
Zinc	mg/kg	ND	1.0	02/14/20 02:09	

LABORATORY CONTROL SAMPLE: 716570

		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% Rec	Limits	Qualifiers
Arsenic	mg/kg	125	139	111	80-120	
Cadmium	mg/kg	37.7	38.8	103	80-120	
Chromium	mg/kg	58.3	64.8	111	80-120	
Copper	mg/kg	78	84.1	108	80-120	
Lead	mg/kg	111	124	112	80-120	
Molybdenum	mg/kg	78	88.5	113	80-120	
Nickel	mg/kg	333	369	111	80-120	
Potassium	mg/kg	1970	2230	113	70-130	
Selenium	mg/kg	251	275	109	80-120	
Zinc	mg/kg	351	389	111	80-120	

MATRIX SPIKE SAMPLE:	716572						
		70121336001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Arsenic	mg/kg	1.4	25.6	26.7	99	75-125	
Cadmium	mg/kg	<0.13	2.6	2.5	97	75-125	
Chromium	mg/kg	6.4	12.8	20.9	113	75-125	
Copper	mg/kg	6.4	12.8	18.6	95	75-125	
Lead	mg/kg	2.0	25.6	26.8	97	75-125	
Molybdenum	mg/kg	<1.0	25.6	25.6	100	75-125	
Nickel	mg/kg	6.0	12.8	18.4	97	75-125	
Potassium	mg/kg	408	2560	3780	132	75-125	
Selenium	mg/kg	<0.51	38.4	36.7	96	75-125	
Zinc	mg/kg	12.9	51.1	65.2	102	75-125	

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REPORT OF LABORATORY ANALYSIS

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Project: COMPOST 2/11 Pace Project No.: 70121472

SAMPLE DUPLICATE: 716571

		70121336001	Dup		
Parameter	Units	Result	Result	RPD	Qualifiers
Arsenic	mg/kg	1.4	1.5	7	
Cadmium	mg/kg	<0.13	.02J		
Chromium	mg/kg	6.4	6.7	6	
Copper	mg/kg	6.4	7.6	16	
Lead	mg/kg	2.0	1.8	9	
Molybdenum	mg/kg	<1.0	ND		
Nickel	mg/kg	6.0	6.8	11	
Potassium	mg/kg	408	454	11	
Selenium	mg/kg	<0.51	ND		
Zinc	mg/kg	12.9	15.9	21	

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REPORT OF LABORATORY ANALYSIS

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Project:	COMPOST 2/11							
Pace Project No.:	70121472							
QC Batch:	149565		Analysis Meth	iod:	ASTM D2216	6-92M		
QC Batch Method:	ASTM D2216-92M		Analysis Desc	ription:	Dry Weight/P	ercent	Moisture	
Associated Lab Sar	nples: 70121472001							
SAMPLE DUPLICA	TE: 717513							
			70121781012	Dup				
Parar	neter	Units	Result	Result	RPD		Qualifiers	
Percent Moisture		%	5.1	5	5.7	11		

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Project: COMPOST 2/11

Pace Project No.: 70121472

Total Volatile Solids

QC Batch:	149563		Analysis Meth	od:	SM22 2540G	
QC Batch Method:	SM22 2540G		Analysis Desc	ription:	2540G Tot Solid	ls/Volatile/Fixed
Associated Lab Sam	ples: 70121472001					
SAMPLE DUPLICAT	E: 717511					
Param	eter	Units	70121406001 Result	Dup Result	RPD	Qualifiers
Total Solids		%	17.4	16	38	3 N3

60.2

0 N3

60.1

%

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REPORT OF LABORATORY ANALYSIS

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Project:COMPOST 2/11Pace Project No.:70121472							
QC Batch:149200QC Batch Method:SM22 4500-P BAssociated Lab Samples:70121472		Analysis Metho Analysis Desc		M22 4500-P E 500PE Soil Pho	osphorus		
METHOD BLANK: 715456		Matrix: S	Solid				
Associated Lab Samples: 70121472 Parameter	2001 Units	Blank Result	Reporting Limit	Analyzed	Qualifie	ers	
Phosphorus	mg/kg	ND	2.5				
LABORATORY CONTROL SAMPLE:	715457	Spike L	CS	LCS	% Rec		
Parameter	Units	Conc. Re	esult	% Rec	Limits	Qualifiers	
Phosphorus	mg/kg	25	24.2	97	85-115		
MATRIX SPIKE SAMPLE:	715905						
Davaaratar	l laita	70121472001	Spike	MS	MS % Daa	% Rec	Qualifiana
Parameter Phosphorus	Units mg/kg	Result 13900	Conc. 61.1	Result 15000	% Rec 1770	Limits	Qualifiers 5 M6
SAMPLE DUPLICATE: 715906							
Parameter	Units	70121472001 Result	Dup Result	RPD	Qualifiers		
Phosphorus	mg/kg	13900	14300		3		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: COMPOST 2/11

Pace Project No.: 70121472

QC Batch: QC Batch Method: Associated Lab Sam	149362 EPA 9045D nples: 70121472	2001	Analysis Meth Analysis Desc		EPA 9045D 9045D Corre	osivity	pH in Soil
SAMPLE DUPLICAT	TE: 716225		70121472001	Dup			
Param	neter	Units	Result	Result	RPD)	Qualifiers
рН		Std. Units	5.6	5	.6	0	
Temperature, Water	(C)	deg C	25.0	25	.0	0	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: COMPOS	ST 2/11										
Pace Project No.: 70121472	2										
QC Batch: 385401			Analysi	is Method:	E	PA 350.1					
QC Batch Method: EPA 350).1		Analysi	is Descript	tion: 3	50.1 Ammor	nia				
Associated Lab Samples: 7	0121472001										
METHOD BLANK: 1867497			N	latrix: Soli	id						
Associated Lab Samples: 7	0121472001										
			Blank	R	eporting						
Parameter		Units	Result	t	Limit	Analyz	ed	Qualifiers			
				ND	4.0	02/26/20	15.26				
Nitrogen, Ammonia		mg/kg		ND	4.0	02/20/20	10.20				
Nitrogen, Ammonia		mg/kg		ND	4.0	02/20/20	10.20				
LABORATORY CONTROL SA	MPLE: 18674	498	Spike	LCS	3	LCS	% Rec				
	MPLE: 18674		Spike Conc.		3				ualifiers		
LABORATORY CONTROL SA Parameter	MPLE: 18674	498		LCS	3	LCS	% Rec Limits		ualifiers		
LABORATORY CONTROL SA	MPLE: 18674	498 Units mg/kg	Conc. 160	LCS	S Ilt	LCS % Rec	% Rec Limits	Q	ualifiers		
LABORATORY CONTROL SA Parameter Nitrogen, Ammonia	MPLE: 18674	498 Units mg/kg	Conc. 160	LCS	3 Ilt 165 1867500	LCS % Rec 103	% Rec Limits 90	Q -110			
LABORATORY CONTROL SA Parameter Nitrogen, Ammonia MATRIX SPIKE & MATRIX SP	MPLE: 18674	498 Units mg/kg E: 186749	Conc. 160 99 MS Spike	LCS Resu MSD Spike	3 Ilt 165 1867500 MS	LCS % Rec 103 MSD	% Rec Limits 90 MS	Q -110 	% Rec		
LABORATORY CONTROL SA Parameter Nitrogen, Ammonia	MPLE: 18674	498 Units mg/kg E: 186749	Conc. 160 99 MS	LCS Resu MSD	3 Ilt 165 1867500	LCS % Rec 103	% Rec Limits 90	Q -110		RPD	Qual

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: COMPOST 2/11							
Pace Project No.: 70121472							
QC Batch: 150845		Analysis Meth	nod: E	EPA 351.2			
QC Batch Method: EPA 351.2		Analysis Desc	cription: 3	351.2 TKN			
Associated Lab Samples: 70121472	2001						
METHOD BLANK: 723908		Matrix:	Solid				
Associated Lab Samples: 70121472	2001						
Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifie	ers	
Nitrogen, Kjeldahl, Total	mg/kg	ND	12.5	5 02/26/20 16:	54		
LABORATORY CONTROL SAMPLE:	723909						
Parameter	Units		_CS esult	LCS % Rec	% Rec Limits	Qualifiers	
Nitrogen, Kjeldahl, Total	mg/kg	500	533	107	90-110		
MATRIX SPIKE SAMPLE:	723910						
		70121832001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Nitrogen, Kjeldahl, Total	mg/kg	99	4 671	1860	129	90-110	0 M6
SAMPLE DUPLICATE: 723911							
Parameter	Units	70121832001 Result	Dup Result	RPD	Qualifiers		
Nitrogen, Kjeldahl, Total	mg/kg	994	949	9	5		

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Project: C	OMPOST 2/11								
Pace Project No.: 70	0121472								
QC Batch:	150251		Analysis M	ethod:	EI	PA 9056A			
QC Batch Method:	EPA 9056A		Analysis D	escriptior	n: 90	056 IC Anions			
Associated Lab Sampl	es: 70121472	2001							
METHOD BLANK: 72	21023		Matri	x: Solid					
Associated Lab Sampl	es: 70121472	2001							
5			Blank		orting		0		
Paramet	er	Units	Result		mit	Analyzed	Qualifi	ers	
Nitrate as N		mg/kg	NE		1.0				
Nitrite as N		mg/kg	NE	J	1.0	02/20/20 08:	13		
LABORATORY CONT	ROL SAMPLE:	721024							
			Spike	LCS		LCS	% Rec		
Paramet	er	Units	Conc.	Result		% Rec	Limits	Qualifiers	
Nitrate as N		mg/kg	10		9.6	96	90-110		
Nitrite as N		mg/kg	10	1	0.4	104	90-110		
MATRIX SPIKE SAMP	1 F:	721047							
			7012183200)1 SI	pike	MS	MS	% Rec	
Paramet	er	Units	Result	C	onc.	Result	% Rec	Limits	Qualifiers
Nitrate as N		mg/kg		932	672	1710	11	6 90-11	0 M6
Nitrite as N		mg/kg	<	67.1	672	703	10	2 90-11	0
SAMPLE DUPLICATE	: 721046								
-			70121832001	D	up				
Paramet	er	Units	Result	Re	sult	RPD	Qualifiers		
Nitrate as N		mg/kg	932	2	1050	1	2		
			<67.1						

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QUALIFIERS

Project: COMPOST 2/11

Pace Project No.: 70121472

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PACE-MV Pace Analytical Services - Melville

PASI-PA Pace Analytical Services - Greensburg

ANALYTE QUALIFIERS

- M6 Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.
- ML Matrix spike recovery and/or matrix spike duplicate recovery was below laboratory control limits. Result may be biased low.
- N3 Accreditation is not offered by the relevant laboratory accrediting body for this parameter.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: COMPOST 2/11 Pace Project No.: 70121472

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70121472001	COMPOST #6	EPA 3050B	149446	EPA 6010C	149478
70121472001	COMPOST #6	EPA 7471B	149820	EPA 7471B	149837
70121472001	COMPOST #6	ASTM D2216-92M	149565		
70121472001	COMPOST #6	SM22 2540G	149563		
70121472001	COMPOST #6	SM22 4500-P B	149200	SM22 4500-P E	149340
70121472001	COMPOST #6	EPA 9045D	149362		
70121472001	COMPOST #6	EPA 350.1	385401	EPA 350.1	385510
70121472001	COMPOST #6	EPA 351.2	150845	EPA 351.2	150873
70121472001	COMPOST #6	EPA 9056A	150251	EPA 9056A	150256



CHAIN-OF-CUSTODY / Analytical Remove Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant field

WO#:70121472



Section A	Section B				Section	пC																								
Required Client Information:	Required P					nformation:									ļ															
Company: Manchester-Shortsville Joint Sewer Treatment Plant	Report To:	Gordo	n Eddingto	n	Attentio	on: sar	me as	s sect	ion A										, 	RE	GUI	LAT								
Address: 3980 Rt. 96	Copy To:				Compan	y Name:								F	NPD	ES	Г	G	RÓ	JND	WAT	ſER	ſ	Df	RINK	ING V	VATER			
Manchester, NY 14504					Addres	s:									UST	r	ſ	R	CRA	۱.			Γ	⁻ OTI	HER_		<u> </u>			
Email To: gedding1@yahoo.com	Purchase Order No.:				Pace Quo	te Reference:]			s	ITE				Г	G/	λ Γ	- IL	Γ	N	Ξ. <i>λ</i>	AI E	NC	· · ·
Phone: 315-277-0162 Fax:	Project Nar	me: C	ompost		Pace Proj	ect Manager:	Peg	igy Si	egfrie	d			1		l	LOC	ATI	ION			[OF	+ i	- 50		w	FC	DTHER_	_NY	_
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Required Client Information HIGHING Required Client Information HIGHING H	0001, 0W WW P & C, WP AR AR C15	MATRIX CODE SAMPLE TYPE	G=GRAB	MPOSITE FART		CON LECTION	# OF CONTAINERS	Unpreserved	HNO ³		-	Methanol		Ana	Land -			Simon Sing									buar Choung (YMM)	Pa	ce Proje	ect No.
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Page 17 of 33				SIGNA	TURE of	SAMPLER:	Jor	do	- 14	5	11	t.	ž	 		DATE (MM	: Signi / DD /	ed YY):	2	L	72	200	20			Tem	Rece	Custody Sealed Cooler		Samples Intact
of 33							*												7	1	/			0000	2001	4.20				- <u></u> _



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:			Page: of
Company: PACE ANALYTICAL	Report to:	Attention. <u>ny</u>	/sub@pacelabs.com	REGULATO	RYAGENCY
Address: 575 Broad Hollow Rd	Сору То:	Company Name:		NPDES GROUND WATER	C DRINKING WATER
Melville, NY 11747		Address ⁻		UST CRA	.⊽ DTHER
Email To NYSUB@PACELABS.COM	Purchase 021120RKS001 Order No.	Pace Quote Reference		SITE GA	TIL N MI NC
Phone: Fax	Project Name: Manchester/Shortsv	lle Pace Project Manager	James Murphy	LOCATION TOH	SC NI OTHER NY
Requested Due Date/TAT:	Project Number	Pace Profile #.		Filtered (Y/N)	
Section D Valid Matrix Code: Required Client Information MATRIX	CODE		9 Preservatives	Requested //////	
Convectivates Convection Convection		COMPOSITE ENDIGRAB WE DATE TIME	COLLECTION # OF CONTAINERS Unpreserved H,SO4 H,SO4 HCI NaOH NaOH Methanol	Analysis:	(IVIA) (IVIA) Pace Project No. Lab 1.D.
1 Compost #	51X) SL G Z/H/20 93	9	1	X	
2					
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7					
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11					
12 ADDITIONAL COMMENTS	RELINQUISHED BY / AFI		TIME ACCEPTED	BY / AFFILIATION DATE	TIME SAMPLE CONDITIONS
SALMONELLA SUBBED TO LSL	Public race	2/11/20	1200 Made		
	purge rue		ILLO MART	Doce LIF 2/12/10	
	· · · · · · · · · · · · · · · · · · ·		hart	CHUR FAILUI	
P 2		IPLER NAME AND SIGN	ATURE		
ge T		NT Name of SAMPLER:			Temp in °C Received on Ice Custody Sealed Cooler Samples Intact
Page 18 0f 33	SIG	NATURE of SAMPLER:		DATE Signed (MM / DD / YY)	Temp in °C Received on Ice Custody Sealed Cooler Samples Inlact

e)		Sample	Cond	dition Upon Receipt
Pace Analytical				1004 - 70101170
	Clier	nt Name:		WO#:70121472
1	42402-	Λ	ucsi	PM: RKS Due Date: 02/26/20
Courier: Fed Ex UPS USPS	Client Con	nmercial []	Pace	
Tracking #:	13176	7419		
Custody Seal on Cooler/Box Present:	TYes TN		Is intact:	t: Yes No Temperature Blank Present: Yes No
Packing Material: Bubble Wrap	$=$ \neg ,			
Thermometer Used: 76091)		ection Facto		
				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Cooler Temperature (°C):		remperate		rected (°C): $\underline{\mathcal{A}}_{b}$ Date/Time 5035A kits placed in freezer
Temp should be above freezing to 6.0°C				
USDA Regulated Soil (Date and Initials of person examining contents 212
Did samples originate in a quarantine zone with NM, NY, OK, OR, SC, TN, TX, or VA (clieck ma If Yas to aither quast	ар)? 🗌 ҮЕ	S 🛄 NO		A, ID, LA, MS, NC, Did samples orignate from a forcign source (internation including Hawaii and Puerto Rico)? [] Yes No cklist (F-LI-C-010) and include with SCUR/COC paperwork.
n resto entier quest		-guiatea o		COMMENTS:
Chain of Custody Present:	ZiYes	[]No		1.
Chain of Custody Filled Out:	E IYes	[]No		2.
Chain of Custody Relinquished:	 ∐Yes	□No		3.
Sampler Name & Signature on COC:	DYes	[]No	⊡n/∆	A. 4.
Samples Arrived within Hold Time:	Yes	□No		5.
Short Hold Time Analysis (<72hr):	□Yes			6.
Rush Turn Around Time Requested:	□Yes			7.
Sufficient Volume: (Triple volume provided for M				8.
Correct Containers Used:	ØYes			9.
-Pace Containers Used:	/ ZYes			
Containers Intact:	 ⊈Yes			10.
Filtered volume received for Dissulved tests	 Yes	⊡No		
Sample Labels match COC:	[A Yes	□No	/	12,
-Includes date/time/ID/Analysis Matrix	S WT OI			
All containers needing preservation have been ch	ecked DYes		N N/A	
pH paper Lot #		2	9	
All containers needing preservation are found to b	e in			Sample #
compliance with EPA recommendation?				
(HNO₃, H₂SO₄, HCl, N∂OH>9 Sulfide, NAOH>12 Cvanide)	□Yes	□No	ĘN/∧	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Gr DRO/8015 (water).	ease,			Initial when completed: Lot # of added preservative. Date/Time preservative adde
Per Method, VOA pH is checked after analysis				Initial when completed: Lot # of added preservative: Date/Time preservative adde
Samples checked for dechlorination:	[]Yes	No	TIN/A	14.
KI starch test strips Lot #			٦	
Residual chlorine ships Lot #			[Positive for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm).	□Yes	DNo		15
Trip Blank Present:	□Yes	□No		16.
Tap Blank Clistody Seals Present	[]Yes	□No		
Pace Trip Blank Lot # (if applicable):			1	
Client Notification/ Resolution:				Field Data Required? Y / N
Person Contacled.				Date/Time:
Comments/ Resolution:				
/ / / // ////////				

* PM (Project Manager) review is documented electronically in LIMS.



Life Science Laboratories, Inc.

Jennifer Aracri **PACE** Analytical Inc. 575 Broad Hollow Rd Melville, NY 11747 USA Phone: (631) 694-3040

Authorization: PO# 021120RKS001

Laboratory Analysis Report For

PACE Analytical Inc.

Client Project ID:

Manchester/Shortsville

LSL Project ID: 2002019

Receive Date/Time: 02/11/20 11:58

Life Science Laboratories, Inc. warrants, to the best of its knowledge and belief, the accuracy of the analytical test results contained in this report. but makes no other warranty, expressed or implied, especially no warranties of merchantability or fitness for a particular purpose. By the Client's acceptance and/or use of this report, the Client agrees that LSL is hereby released from any and all liabilities, claims, damages or causes of action affecting or which may affect the Client as regards to the results contained in this report. The Client further agrees that the only remedy available to the Client in the event of proven non-conformity with the above warranty shall be for LSL to re-perform the analytical test(s) at no charge to the Client. The data contained in this report are for the exclusive use of the Client to whom it is addressed, and the release of these data to any other party, or the use of the name, trademark or service mark of Life Science Laboratories, Inc. especially for the use of advertising to the general public, is strictly prohibited without express prior written consent of Life Science Laboratories, Inc. This report may only be reproduced in its entirety. No partial duplication is allowed. The Chain of Custody and the Shipment Condition documents submitted with these samples are considered by LSL to be an appendix of this report and may contain data qualifiers and specific information that pertains to the samples included in this report. The analytical result(s) in this report are only representative of the sample(s) submitted for analysis. LSL makes no claim of a sample's representativeness, or integrity, if sampling was not performed by LSL personnel.

Life Science Laboratories, Inc.

LSL Central Lab 5854 Butternut Drive East Syracuse, NY 13057 Tel. (315) 445-1900 Fax (315) 445-1104

LSL North Lab 131 St. Lawrence Avenue Waddington, NY 13694 Tel. (315) 388-4476 Fax (315) 388-4061

LSL Finger Lakes Lab 16 N. Main St., PO Box 424 Wayland, NY 14572 Tel. (585) 213-4090 Fax (585) 213-4192

LSL Southern Tier Office Cuba, NY Tel. (585) 209-4032

LSL MidLakes Office Canandaigua, NY Tel. (585) 728-3320

This report was reviewed by:

Kristin E. Carpenter, Quality Staff

02/26/20 Date:

2/26/20

-- LABORATORY ANALYSIS REPORT --

		PACE Analytical Inc.	Melville, NY			
Sample ID:	Compost #6 (six)		LSL Sam	ple ID:	2002019-0	01
Location:						
Sampled:	02/11/20 9:39	Sampled By: RP				
Sample Matrix:	SHW Dry Wt, Com	post				
Analytical Meth	od		Prep Method	Prep	Analysis	Analyst
Analyte	- 1011 - 10	Result	Units	Date	Date & Time	Initials
(1) EPA 1682(20	14) Salmonella by M	SRV				
Salmonel	la	<3	MPN/4g Dry		2/11/20 15:	0 DA/DA
The NYS DOH ELAP	does not offer certificatior	for this analyte.				
(1) SM 2540 B-2	011 Total Solids					
Total Soli	ids @ 103-105 C	45	%		2/13/20	ARJ
The NYS DOH ELAP	does not offer certification	for this analyte in this matrix.				

Analysis performed at: (1) LSL Central, (2) LSL North, (3) LSL Finger Lakes



CHAIN-OF-CUSTODY / Analytical Request Docum 2002019

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurate PACE_Melville

7347

Company: PAGE ANALYTICAL Report to: Attention: Inysub@pacelabs.com Address: 575 Broad Hollow Rd Copy To: Company: Name: Image: Company: Name: Im		Section B		Section C				
Address: 575 Broad Hollow Rd Copy Tc: Company Name: Company Namy: Company Name: Company Name:			ormation:					-
Metrille, NY 11747 Address: Product in address: <	Company: PACE ANALYTICAL	Report to:	- Miles	Attention: <u>r</u>	nysub@pacelabs.com		REGULATORY AGEN	ICY
Email To: NYSUB/@PACELABS.COM Purchas 021120RKS001 Pace Outro Reference: STTE GA I N MI NC Phone: fax Project Name: Manchester/Shortsvile Pace Purplet Manager: James Murphy Filtered (V/M) Filtered (V/M) Filtered (V/M) Requested Project Name: Manchester/Shortsvile Pace Profile # Pace Profile # <td>Address: 575 Broad Hollow Rd</td> <td>Сору То:</td> <td></td> <td>Company Name:</td> <td></td> <td>🗌 NPDES 🗌 GR</td> <td>OUND WATER CORING</td> <td>KING WATER</td>	Address: 575 Broad Hollow Rd	Сору То:		Company Name:		🗌 NPDES 🗌 GR	OUND WATER CORING	KING WATER
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Phone: Fax Project Name: Manchester/Shortsville Pace Project Manager James Murphy LOCATION C oH S C M O THER_NY Requested Doe date/TAT: Project Manager Project Manager Pace Project Manager Pa			RKS001	Pace Quote Reference	e:	SITE	GA TIL T	
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Samples SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: Signature of SAMPLER: Signature of SAMPLER:	رم م <i>واردینانی</i> د	noiver O				DATE Signed		emp eceiv aled nples
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Pace Analytical Services, LLC 1638 Roseytown Road - Suites 2,3,4 Greensburg, PA 15601 (724)850-5600

February 26, 2020

Ms. Rebeka Smith Pace Analytical Melville 575 Broad Hollow Road Melville, NY 11747

RE: Project: 70121472 Pace Project No.: 30349868

Dear Ms. Smith:

Enclosed are the analytical results for sample(s) received by the laboratory on February 13, 2020. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Samaatka Bayune

Samantha Bayura samantha.bayura@pacelabs.com (724)850-5622 Project Manager

Enclosures

cc: Ms. Jennifer Aracri, Pace Analytical Melville



Pace Analytical Services, LLC 1638 Roseytown Road - Suites 2,3,4 Greensburg, PA 15601 (724)850-5600

CERTIFICATIONS

 Project:
 70121472

 Pace Project No.:
 30349868

ace Analytica

www.pacelabs.com

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601 ANAB DOD-ELAP Rad Accreditation #: L2417 Alabama Certification #: 41590 Arizona Certification #: AZ0734 Arkansas Certification California Certification #: 04222CA Colorado Certification #: PA01547 Connecticut Certification #: PH-0694 **Delaware Certification** EPA Region 4 DW Rad Florida/TNI Certification #: E87683 Georgia Certification #: C040 **Guam Certification** Florida: Cert E871149 SEKS WET Hawaii Certification Idaho Certification **Illinois Certification** Indiana Certification Iowa Certification #: 391 Kansas/TNI Certification #: E-10358 Kentucky Certification #: KY90133 KY WW Permit #: KY0098221 KY WW Permit #: KY0000221 Louisiana DHH/TNI Certification #: LA180012 Louisiana DEQ/TNI Certification #: 4086 Maine Certification #: 2017020 Maryland Certification #: 308 Massachusetts Certification #: M-PA1457 Michigan/PADEP Certification #: 9991

Missouri Certification #: 235 Montana Certification #: Cert0082 Nebraska Certification #: NE-OS-29-14 Nevada Certification #: PA014572018-1 New Hampshire/TNI Certification #: 297617 New Jersey/TNI Certification #: PA051 New Mexico Certification #: PA01457 New York/TNI Certification #: 10888 North Carolina Certification #: 42706 North Dakota Certification #: R-190 Ohio EPA Rad Approval: #41249 Oregon/TNI Certification #: PA200002-010 Pennsylvania/TNI Certification #: 65-00282 Puerto Rico Certification #: PA01457 Rhode Island Certification #: 65-00282 South Dakota Certification Tennessee Certification #: 02867 Texas/TNI Certification #: T104704188-17-3 Utah/TNI Certification #: PA014572017-9 USDA Soil Permit #: P330-17-00091 Vermont Dept. of Health: ID# VT-0282 Virgin Island/PADEP Certification Virginia/VELAP Certification #: 9526 Washington Certification #: C868 West Virginia DEP Certification #: 143 West Virginia DHHR Certification #: 9964C Wisconsin Approve List for Rad Wyoming Certification #: 8TMS-L



70121472001

COMPOST #6

1

1

PASI-PA

PASI-PA

IR00

JWL

SAMPLE ANALYTE COUNT

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
Pace Project No.:	30349868				
Project:	70121472				

ASTM D2974-87

EPA 350.1

REPORT OF LABORATORY ANAL	YSIS
---------------------------	------



ANALYTICAL RESULTS

Project: 70121472

Pace Project No.: 30349868

Sample: COMPOST #6	Lab ID: 7012	1472001	Collected: 02/11/2	0 09:40	Received: 02	2/13/20 11:30	Matrix: Solid	
Results reported on a "dry weight" b	asis and are adju	isted for pe	ercent moisture, sa	mple s	ize and any dilu	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Meth	od: ASTM E	02974-87					
Percent Moisture	57.4	%	0.10	1		02/14/20 13:30)	
350.1 Ammonia	Analytical Meth	od: EPA 350	0.1 Preparation Met	hod: EF	PA 350.1			
Nitrogen, Ammonia	7550	mg/kg	97.1	10	02/26/20 09:15	02/26/20 15:37	7664-41-7	ML



Project:	70121472											
Pace Project No.:	30349868											
QC Batch:	385401			Analys	is Method	: E	PA 350.1					
QC Batch Method:	EPA 350.1			Analys	is Descrip	tion: 3	50.1 Ammor	nia				
Associated Lab Sam	ples: 7012147	2001										
METHOD BLANK:	1867497			Ν	Aatrix: Sol	id						
Associated Lab Sam	ples: 7012147	2001										
				Blank		Reporting						
Param	neter		Units	Resul	t	Limit	Analyz	ed	Qualifiers			
Nitrogen, Ammonia			mg/kg		ND	4.0	02/26/20	15:26				
LABORATORY CON		18674	198 Units	Spike Conc.	LCS		LCS % Rec	% Rec		ualifiers		
Nitrogen, Ammonia			mg/kg	160		165	103)-110	damers		
			ing/kg	100		100	100					
MATRIX SPIKE & M	ATRIX SPIKE DU	PLICAT	E: 186749			1867500						
		704	04 470004	MS	MSD		MOD	140	MOD	0/ D		
Paramet	er	701 Units	121472001 Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qua
Nitrogen, Ammonia		mg/kg	7550	383	366	7780	7300	61	-68		6	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

 Project:
 70121472

 Pace Project No.:
 30349868

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-PA Pace Analytical Services - Greensburg

ANALYTE QUALIFIERS

ML Matrix spike recovery and/or matrix spike duplicate recovery was below laboratory control limits. Result may be biased low.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 70121472 Pace Project No.: 30349868

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Batch
70121472001	COMPOST #6	ASTM D2974-87			
70121472001	COMPOST #6	EPA 350.1	385401	EPA 350.1	385510

C	Chain of Custody —																			
—									State Of Origin: NY Cert. Needed: X Yes No											
Workorder: 70121472 Workorder Name: COMPOST 2/11 Owner R										eived Date: 2/12/2020 Results Requested By: 2/26/2020										
Report To Subcontract To										20162) 1		Re	questec	d Ana	lysis	nse oppo	1102017591	ngbyadd		
Pac 575 Mel	eka K. Smith e Analytical Melville Broad Hollow Road ville, NY 11747 ne (631)694-3040		1638 F Suites Green	Analytical Pittst Roseytown Roa 2,3, & 4 sburg, PA 1566 (724)850-5600	ud) D1	P	PSenvoi	d Conta		Amnoņia										
						σ		TT	I											
ltem	Sample ID	Sample Type	Collect Date/Time	Lab ID	Matrix	Unpreserve													LAB USE ONLY	
1	COMPOST #6	PS	2/11/2020 09:40	70121472001	Solid	1				Х									001	
2																				
3																				
4																			A	
5													JUŦ	; :	่วเ	J34	198	30	8	
			antizione nel nel agricultura			ndesių).	(8).090 (19)			能認識	0.58052.5	<u> </u>								
Trar	sfers Released By		Date/Time	Received E	By				Date/Tim											
1	Maili	(2/12/20 18.	00 Phill	<u>a Kim</u>	nt		1	13/2),N	130		03498			▕₽₩₩₽₿	1 819			
2	-		· · · ·		•															
3		~ ~			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	·					6							2		
Cod	oler Temperature on Receipt	5.3	<u>°C Cus</u>	tody Seal	<u>r or (N</u>)		Receiv	ved on	Ice	<u>(</u>	N			Sa	mples	s Intac	⊳t∕Y	or N	

***In order to maintain client confidentiality, location/name of the sampling site, sampler's name and signature may not be provided on this COC document. This chain of custody is considered complete as is since this information is available in the owner laboratory.

		Sample	Cond	dition Upon Receipt
Pace Analytical				$WOH \cdot 70121470$
•	Clie	nt Name:	~~ 1	WO#:70121472
1	HILLIS	N	1051	PM: RKS Due Date: 02/26/20
Courier: 🖞 Fed Ex 🗍 UPS 🗍 USPS [Client Co	nmercial 🗌 I	Pace [
Tracking #:	335	9419		# 30349868
Custody Seal on Cooler/Box Present:	Yes N	o Seal	s intact	t:] Yes] No Temperature Blank Present:] Yes] No
Packing Material: Bubble Wrap	$\neg \tau_{I}$	Zintoc DNor	e Di	
Thermometer Used: 74091		ection Facto		
Cooler Temperature (*C): 24		r Temperatu		Lisamples on ice, cooling process has begun
		remperato	le cone	rected (°C): 4_{ω} Date/Time 5035A kits placed in freezer
Temp should be above freezing to 6.0° C USDA Regulated Soil ($\cancel{2}$ N/A, water sa	molo			In the second
- 7				Date and Initials of person examining contents $2/2/2$
Did samples originate in a quarantine zone within NM, NY, DK, OR, SC, TN, TX, or VA (check maj	p)? [] YE	S 🗌 NO		including Hawaii and Puerto Rico)?
				cklist (F-LI-C-010) and include with SCUR/COC paperwork.
Chain of Custody Present:	Yes	[]No		1.
Chain of Custody Filled Out:	ØYes	No		2.
Chain of Custody Relinquished:	Yes	ΩNo		3.
Sampler Name & Signature on COC:	/Yes			
Samples Arrived within Hold Time:	ØYes			5.
Short Hold Time Analysis (<72hr):	QYes		· · · · · · · · · · · · · · · · · · ·	6.
Rush Turn Around Time Requested:	□Yes	E)Alo		7.
Sufficient Volume: (Triple volume provided for MS		 []No		8.
Correct Containers Used:	ØYes			9.
-Pace Containers Used:	ZYes			
Containers Intact;	vyes			10.
Filtered volume received for Dissolved tests	 []Yes		□ % /A	
Sample Labels match COC:	Diffes			11. Note if sediment is visible in the dissolved container. 12. 12.
-Includes date/lime/ID/Analysis Matrix S		LING		1.6.
All containers needing preservation have been che			12 NUA	
pH paper Lot #	Lites	⊡No	ØN/A	13. ☐ HNO3 ☐ H₂SO4 ☐ NaOH ☐ HCI
All containers needing preservation are found to be	io.			Sample #
compliance with EPA recommendation?		· · ·	1	· · · · · · · · · · · · · · · · · · ·
(HNO₃, H₂SO₄, HCI, NaOH>9 Sultide, VAOH>12 Cyanide}	□Yes	⊡No	C I N/A	
Exceptions: VOA, Coliform, TOC/DDC, Oil and Gre	ase,			
DRO/8015 (water). ≥er Method, VOA pH is checked after analysis				Initial when completed: Lot # of added preservative: Date/Time preservative added
Samples checked for dechlorination:	□Yes	No		14.
I starch test strips Lot #				14.
Residual chlorine ships Lut #				Positive for Rep. Chlorine? Y N
leadspace in VOA Vials (>6mm):	□Yeş	[]No [N/A	15.
rip Blank Present:	□Yes	No (N/A	16.
rip Blank Custody Seals Present	□Ycs	□No {		
ace Trip Blank Lot # (if applicable):				
lient Notification/ Resolution:				Field Data Required? Y / N
erson Contacled:				Date/Time:
omments/ Resolution:				

. * PM (Project Manager) review is documented electronically in LIMS.

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Pace Analytical "

CHAIN-OF-CUSTODY / Analytical RC The Chain-of-Custody is a LEGAL DOCUMENT. All relevant field WOH • 7010

Pace Analytical "						The Ch	ain-of-Cu	stody		LEGAI								V	۷C)#		7	0	1	2	1		72					
Section A Required Client Information: Company: Manchester-Shortsville Joint Sewer Treatment Plant	Section Required Report To	Proje			n	Sectio	nformatic		ne as	sect	ion A	 1			-			ļ								#			0	3	4	98	36
Address: 3980 Rt. 96	Сору То:					Compar	y Name:								-		NF	DE	S	Г	GF		ND						KIN	G W/	ATER		·
Manchester, NY 14504				· ··· ·,		Addres	s:		·						-		- U	ST			RC							THE					
Email To: gedding1@yahoo.com	Purchase		,			Pace Qu	te Referer	C8:							-		Ű		Sľ						6					 N	 	<u>۱</u>	
Phone: 315-277-0162 Fax:	Order No.: Project Na	ame:	Com	npost ·	,	Pace Pro	ect Manag	er:	Pea	gy Si	eafrie	ed			-			1 (างเ											THER_	
Requested STD	Project Nun	nber:				Pace Pa	ofile #:			3,					-					-1140	77	/ /	-	77	7	77	77	30 7		<u>7</u>	777		
Section D Valid Matrix Co	ies		1	<u> </u>				<u>, </u>		1						Filt	ered	(YII	N)	4	4	+	4	4	4	4	+	4	4	4	4	$\not\vdash$	
Required Client information MATRIX DRINGIG WATER	CODE	ш	a B		COLL	ECTER)	AT 4	SRS		<u></u> P	reser	vativ	es		Ł	ques	ted	/	//	[]	//		[]	//	[]	Ľ		[]	//	'/ /		
SAMPLE ID WATER PRODUCT SOLUCID CI. CO.9 /) WHE	WT WW P SL OL WP AR	MATRIX CODE	SAMPLE TYPE SEGRAB C=COMP	coi s'	MPOSITE	COM END	OSITE GRAB	AMPLE TEMP / COLLECTION	F CONTAINERS	pava						Ana	: ,					14/2/20				Ļ					Monine (1114)	/	
Sample IDs MUST BE UNIQUE	70 81	2	0,0	DATE	TIME	DATE	TIME	SA	# OF	Unpreserved	HNO,	5	F	Na ₂ S ₂ O ₃	Other		/å		//	1	\$ \$	1/	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	13	8	//	[]	1) 	Pac	e Project
1 COMPOST			+	Zhili		1			7	X	<u>∓ [</u> ∓	ļŤ.	1Ž	ž j	٤ĻŌ		ff	Í.	ſ.	f	Í.	ſſ	1	Ť.	H	+	\mathcal{H}	ŕf	←	۴	í—		Lat
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12												1				1								╎			\uparrow	H	╧				
ADDITIONAL COMMENTS	RE	LINQ	UISH	ED BY /	AFFILIA	TION	DAT	Е		IME		A	CCEI	PTEL	BY	AF	FIL!/	ATIO	NC				DA	TE	1		TIM	E		SA		COND	ITIONS
Metals: As, Cd, Cr, Cu, Pb, Hg, Mo, Ni Se,		Ja.	I A	51	in	5	she	ha	9:	20	16	¹ 11	Bro		- F		م' م					6/	u /2	0		9	40	2			¥.	Ϋ́Ν	Z
ALL RESULTS TO BE REPORTED IN mg/K	g $E\overline{P}_{i}$	<u>P</u>	25		1 de	<u>~</u>	Zuft	20	\overline{n}	50 50		Ji	- 4	عمر	7	$\frac{\alpha}{\Omega}$		<u>_</u>		-		7	15	<u>ע</u> ה/ה)'.l'		╞	~	,≻ Z		Ån ⊻
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					PRINT	Name o	f SAMPL	ER:			nz		<u>Li</u>	ng	for	7		- 1-							,					Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
							SAMPLI	- K.	for	do	- /4	- 5	do	Ľ5	É	>		(N	AIE: MM/(Signe DD / Y	a <u>^);</u> '	4	1			<u>e</u> e							
																						•		e	-riie	a(AL	LQO	120re	ev.4	,29M	.aru6)	22Jun2	2005

Pittsburgh Lab Sample Cond	ition l	Jpor	n Re	ceipt			
Pace Analytical Client Name:	<u>Pc</u>	rce		14	Project #	30349	868
Courier: ☑ Fed Ex □UPS □USPS □Clier Tracking #: 16749628939		omme	rcial	Pace Other		Label NMR SLogin NMR	
Custody Seal on Cooler/Box Present: Uses	√ n Type			intact: 🗌 yes 🔲	no	<i></i>	
Cooler Temperature Observed Temp 5	<u>. 3</u>	°C	Corre	ection Factor:	°C Final Tem	p <u>: 5,3</u> ℃	
Temp should be above freezing to 6°C				pH paper Lot#	Date and Initia	s of person examining	1
Comments:	Yes	No	N/A	WA	contents:	MP 2/13/2020	
Chain of Custody Present:				1.	"I		
Chain of Custody Filled Out:				2.			
Chain of Custody Relinquished:				3.			
Sampler Name & Signature on COC:				4.			
Sample Labels match COC:				5.			
	SL]			
Samples Arrived within Hold Time:				6.			
Short Hold Time Analysis (<72hr remaining):		$\mathbf{\triangleleft}$		7.			
Rush Turn Around Time Requested:				8.			
Sufficient Volume:				9.			
Correct Containers Used:				10.			
-Pace Containers Used:							
Containers Intact:	/			11.			
Orthophosphate field filtered			2	12.			
Hex Cr Aqueous sample field filtered				13.			
Organic Samples checked for dechlorination:				14.			
Filtered volume received for Dissolved tests				15.			
All containers have been checked for preservation,				16.			
exceptions: VOA, coliform, TOC, O&G, Phenolics	, Radon	1					
All containers meet method preservation requirements.	\square]		Initial when NMR	Date/time of preservation		
· · · · · · · · · · · · · · · · · · ·	F	.4	I	Lot # of added			
		1		preservative			
Headspace in VOA Vials (>6mm):	_			17.			
Trip Blank Present:		1		18.		•	
Trip Blank Custody Seals Present Rad Samples Screened < 0.5 mrem/hr			K,	Initial when			
				completed:	Date:		
Client Notification/ Resolution:			_	_	_	_	
			-Date/	Time:	Gontacted	B <u>y:</u>	
Comments/ Resolution:							
	<u> </u>					······································	
\Box A check in this box indicates that add	litional	infor	natio	n has been stored in	ereports.		

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

*PM review is documented electronically in LIMS. When the Project Manager closes the SRF Review schedule in LIMS. The review is in the Status section of the Workorder Edit Screen,

J:\QAQC\Master\Document Manegement\Sample Mgt\Sample Condition Upon Receipt Pittsburgh (C056-9 5April2019)