



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

August 21, 2019

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

RE: Project: SLUDGE 8/6
Pace Project No.: 70100180

Dear Gordon Eddington:

Enclosed are the analytical results for sample(s) received by the laboratory on August 07, 2019. 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.

NH3 samples were subcontracted to Pace Analytical, LLC 1638 Roseytown Rd., Greensburg, PA 15601

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

Sincerely,

James Murphy
james.murphy@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Debbie Chase, MANCHESTER-SHORTSVILLE WWTP



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: SLUDGE 8/6
Pace Project No.: 70100180

Pennsylvania Certification IDs

1636 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

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

Long Island Certification IDs

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

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

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SAMPLE ANALYTE COUNT

Project: SLUDGE 8/6
Pace Project No.: 70100180

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
70100180001	SLUDGE	EPA 6010C	JMW	10	PACE-MV
		EPA 7471B	JLN	1	PACE-MV
		ASTM D2216-92M	AK1	1	PACE-MV
		SM22 2540G	AK1	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	SDO	1	PACE-MV
		EPA 9056A	BNK	2	PACE-MV

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ANALYTICAL RESULTS

Project: SLUDGE 8/6
 Pace Project No.: 70100180

Sample: SLUDGE Lab ID: 70100180001 Collected: 08/06/19 09:00 Received: 08/07/19 10:20 Matrix: Solid
 Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010C Preparation Method: EPA 3050B						
Arsenic	ND	mg/kg	4.2	1	08/14/19 13:36	08/16/19 14:34	7440-38-2	
Cadmium	ND	mg/kg	1.0	1	08/14/19 13:36	08/16/19 14:34	7440-43-9	
Chromium	20.4	mg/kg	4.2	1	08/14/19 13:36	08/16/19 14:34	7440-47-3	
Copper	576	mg/kg	10.4	1	08/14/19 13:36	08/16/19 14:34	7440-50-8	
Lead	24.0	mg/kg	2.1	1	08/14/19 13:36	08/16/19 14:34	7439-92-1	
Molybdenum	ND	mg/kg	8.3	1	08/14/19 13:36	08/16/19 14:34	7439-98-7	
Nickel	17.6	mg/kg	16.7	1	08/14/19 13:36	08/16/19 14:34	7440-02-0	
Potassium	2220	mg/kg	2090	1	08/14/19 13:36	08/16/19 14:34	7440-09-7	
Selenium	9.6	mg/kg	4.2	1	08/14/19 13:36	08/16/19 14:34	7782-49-2	
Zinc	730	mg/kg	8.3	1	08/14/19 13:36	08/16/19 14:34	7440-66-6	
7471 Mercury		Analytical Method: EPA 7471B Preparation Method: EPA 7471B						
Mercury	0.75	mg/kg	0.25	1	08/12/19 11:55	08/12/19 14:46	7439-97-6	
Percent Moisture		Analytical Method: ASTM D2216-92M						
Percent Moisture	87.5	%	0.10	1		08/12/19 18:45		
2540G Total Fixed Vol Solids		Analytical Method: SM22 2540G						
Total Solids	14.1	%	0.10	1		08/07/19 21:52		N3
Total Volatile Solids	82.2	%	0.10	1		08/07/19 21:52		N3
4500PE Total Phosphorus		Analytical Method: SM22 4500-P E Preparation Method: SM22 4500-P B						
Phosphorus	17300	mg/kg	1900	100	08/08/19 08:57	08/08/19 10:58	7723-14-0	
Corrosivity pH, <20% Water		Analytical Method: EPA 9045D						
pH	7.2	Std. Units	0.10	1		08/08/19 17:48		
Temperature, Water (C)	24.6	deg C	0.10	1		08/08/19 17:48		
350.1 Ammonia		Analytical Method: EPA 350.1 Preparation Method: EPA 350.1						
Nitrogen, Ammonia	12500	mg/kg	323	10	08/20/19 10:15	08/21/19 11:51	7664-41-7	MH
351.2 Total Kjeldahl Nitrogen		Analytical Method: EPA 351.2 Preparation Method: EPA 351.2						
Nitrogen, Kjeldahl, Total	4110	mg/kg	500	5	08/13/19 05:59	08/13/19 12:31	7727-37-9	
9056 IC Anions 48hr		Analytical Method: EPA 9056A Preparation Method: EPA 9056A						
Nitrate as N	ND	mg/kg	8.0	1	08/14/19 21:53	08/16/19 01:21	14797-55-8	
Nitrite as N	ND	mg/kg	8.0	1	08/14/19 21:53	08/16/19 01:21	14797-85-0	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: SLUDGE 8/6
Pace Project No.: 70100180

QC Batch: 125562 Analysis Method: EPA 7471B
QC Batch Method: EPA 7471B Analysis Description: 7471 Mercury
Associated Lab Samples: 70100180001

METHOD BLANK: 598519 Matrix: Solid
Associated Lab Samples: 70100180001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.033	08/12/19 14:08	

LABORATORY CONTROL SAMPLE: 598520

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.17	0.16	95	80-120	

MATRIX SPIKE SAMPLE: 598521

Parameter	Units	7099472001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.85	0.42	1.4	119	80-120	

SAMPLE DUPLICATE: 598522

Parameter	Units	7099472001 Result	Dup Result	RPD	Qualifiers
Mercury	mg/kg	0.85	0.91	6	

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QUALITY CONTROL DATA

Project: SLUDGE 8/6
Pace Project No.: 70100180

QC Batch: 125954 Analysis Method: EPA 6010C
QC Batch Method: EPA 3050B Analysis Description: 6010 MET
Associated Lab Samples: 70100180001

METHOD BLANK: 600699 Matrix: Solid
Associated Lab Samples: 70100180001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	0.50	08/16/19 13:33	
Cadmium	mg/kg	ND	0.12	08/16/19 13:33	
Chromium	mg/kg	ND	0.50	08/16/19 13:33	
Copper	mg/kg	ND	1.2	08/16/19 13:33	
Lead	mg/kg	ND	0.25	08/16/19 13:33	
Molybdenum	mg/kg	ND	1.0	08/16/19 13:33	
Nickel	mg/kg	ND	2.0	08/16/19 13:33	
Potassium	mg/kg	ND	250	08/16/19 13:33	
Selenium	mg/kg	ND	0.50	08/16/19 13:33	
Zinc	mg/kg	ND	1.0	08/16/19 13:33	

LABORATORY CONTROL SAMPLE: 600700

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	202	184	91	80-120	
Cadmium	mg/kg	141	118	83	80-120	
Chromium	mg/kg	167	157	94	80-120	
Copper	mg/kg	108	99.5	92	80-120	
Lead	mg/kg	73.8	69.5	94	80-120	
Molybdenum	mg/kg	103	96.0	93	80-120	
Nickel	mg/kg	89.4	78.5	88	80-120	
Potassium	mg/kg	2240	2280	102	70-130	
Selenium	mg/kg	49.9	45.2	90	80-120	
Zinc	mg/kg	264	239	91	80-120	

MATRIX SPIKE SAMPLE: 600702

Parameter	Units	7099778001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	<0.55	25.8	26.3	102	75-125	
Cadmium	mg/kg	<0.14	2.6	2.6	101	75-125	
Chromium	mg/kg	<0.55	12.9	13.6	104	75-125	
Copper	mg/kg	<1.4	12.9	14.0	104	75-125	
Lead	mg/kg	<0.28	25.8	27.0	104	75-125	
Molybdenum	mg/kg	<1.1	25.8	27.0	105	75-125	
Nickel	mg/kg	<2.2	12.9	13.4	104	75-125	
Potassium	mg/kg	<276	2580	2690	103	75-125	
Selenium	mg/kg	<0.55	38.7	38.3	99	75-125	
Zinc	mg/kg	2.0	51.6	56.2	105	75-125	

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QUALITY CONTROL DATA

Project: SLUDGE 8/6

Pace Project No.: 70100180

SAMPLE DUPLICATE: 600701

Parameter	Units	7099778001 Result	Dup Result	RPD	Qualifiers
Arsenic	mg/kg	<0.55	ND		
Cadmium	mg/kg	<0.14	.028J		
Chromium	mg/kg	<0.55	.24J		
Copper	mg/kg	<1.4	.52J		
Lead	mg/kg	<0.28	ND		
Molybdenum	mg/kg	<1.1	ND		
Nickel	mg/kg	<2.2	ND		
Potassium	mg/kg	<276	31.8J		
Selenium	mg/kg	<0.55	ND		
Zinc	mg/kg	2.0	2.2	9	

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QUALITY CONTROL DATA

Project: SLUDGE 8/6
Pace Project No.: 70100180

QC Batch: 125609	Analysis Method: ASTM D2216-92M
QC Batch Method: ASTM D2216-92M	Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 70100180001	

SAMPLE DUPLICATE: 598979

Parameter	Units	70100548001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	74.2	74.3	0	

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QUALITY CONTROL DATA

Project: SLUDGE 8/6
Pace Project No.: 70100180

QC Batch: 125058	Analysis Method: SM22 2540G
QC Batch Method: SM22 2540G	Analysis Description: 2540G Tot Solids/Volatile/Fixed
Associated Lab Samples: 70100180001	

SAMPLE DUPLICATE: 596118

Parameter	Units	70100180001 Result	Dup Result	RPD	Qualifiers
Total Solids	%	14.1	13.9	1	N3
Total Volatile Solids	%	82.2	82.3	0	N3

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QUALITY CONTROL DATA

Project: SLUDGE 8/6
Pace Project No.: 70100180

QC Batch: 125087 Analysis Method: SM22 4500-P E
QC Batch Method: SM22 4500-P B Analysis Description: 4500PE Soil Phosphorus
Associated Lab Samples: 70100180001

METHOD BLANK: 596166 Matrix: Solid
Associated Lab Samples: 70100180001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Phosphorus	mg/kg	ND	2.5	08/08/19 10:58	

LABORATORY CONTROL SAMPLE: 596167

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phosphorus	mg/kg	25	25.5	102	85-115	

MATRIX SPIKE SAMPLE: 596168

Parameter	Units	70100010001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Phosphorus	mg/kg	322	39.2	365	109	75-125	

SAMPLE DUPLICATE: 596169

Parameter	Units	70100010001 Result	Dup Result	RPD	Qualifiers
Phosphorus	mg/kg	322	335	4	

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QUALITY CONTROL DATA

Project: SLUDGE 8/6
Pace Project No.: 70100180

QC Batch: 125191	Analysis Method: EPA 9045D
QC Batch Method: EPA 9045D	Analysis Description: 9045D Corrosivity pH in Soil
Associated Lab Samples: 70100180001	

SAMPLE DUPLICATE: 596499

Parameter	Units	70100198001 Result	Dup Result	RPD	Qualifiers
pH	Std. Units	6.8	6.8		0 H3
Temperature, Water (C)	deg C	24.7	24.7		0 H3

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QUALITY CONTROL DATA

Project: SLUDGE 8/6
Pace Project No.: 70100180

QC Batch: 357498 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 70100180001

METHOD BLANK: 1736024 Matrix: Solid
Associated Lab Samples: 70100180001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/kg	ND	4.0	08/21/19 11:49	

LABORATORY CONTROL SAMPLE: 1736025

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/kg	160	149	93	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1736026 1736027

Parameter	70100180001		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
	Units	Result									
Nitrogen, Ammonia	mg/kg	12500	1290	1230	31800	31600	1500	1550	90-110	1	MH

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QUALITY CONTROL DATA

Project: SLUDGE 8/6
Pace Project No.: 70100180

QC Batch: 125630 Analysis Method: EPA 351.2
QC Batch Method: EPA 351.2 Analysis Description: 351.2 TKN
Associated Lab Samples: 70100180001

METHOD BLANK: 599140 Matrix: Solid
Associated Lab Samples: 70100180001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Kjeldahl, Total	mg/kg	ND	12.5	08/13/19 12:22	

LABORATORY CONTROL SAMPLE: 599141

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Kjeldahl, Total	mg/kg	500	536	107	90-110	

MATRIX SPIKE SAMPLE: 599142

Parameter	Units	70100010001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Kjeldahl, Total	mg/kg	72.4	784	904	106	90-110	

SAMPLE DUPLICATE: 599143

Parameter	Units	70100010001 Result	Dup Result	RPD	Qualifiers
Nitrogen, Kjeldahl, Total	mg/kg	72.4	70.4	3	

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QUALITY CONTROL DATA

Project: SLUDGE 8/6
Pace Project No.: 70100180

QC Batch: 128024 Analysis Method: EPA 9056A
QC Batch Method: EPA 9056A Analysis Description: 9056 IC Anions
Associated Lab Samples: 70100180001

METHOD BLANK: 601271 Matrix: Solid
Associated Lab Samples: 70100180001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/kg	ND	1.0	08/15/19 10:27	
Nitrite as N	mg/kg	ND	1.0	08/15/19 10:27	

LABORATORY CONTROL SAMPLE: 601272

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/kg	10	9.5	95	90-110	
Nitrite as N	mg/kg	10	9.4	94	90-110	

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QUALIFIERS

Project: SLUDGE 8/6
Pace Project No.: 70100180

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

H3 Sample was received or analysis requested beyond the recognized method holding time.
MH Matrix spike recovery and/or matrix spike duplicate recovery was above laboratory control limits. Result may be biased high.
N3 Accreditation is not offered by the relevant laboratory accrediting body for this parameter.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SLUDGE 8/6
Pace Project No.: 70100180

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70100180001	SLUDGE	EPA 3050B	125954	EPA 6010C	125983
70100180001	SLUDGE	EPA 7471B	125562	EPA 7471B	125570
70100180001	SLUDGE	ASTM D2216-92M	125609		
70100180001	SLUDGE	SM22 2540G	125058		
70100180001	SLUDGE	SM22 4500-P B	125087	SM22 4500-P E	125108
70100180001	SLUDGE	EPA 9045D	125191		
70100180001	SLUDGE	EPA 350.1	357496	EPA 350.1	357764
70100180001	SLUDGE	EPA 351.2	125630	EPA 351.2	125682
70100180001	SLUDGE	EPA 9056A	126024	EPA 9056A	126211

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Sample Condition Upon Receipt

WO#: 70100180

Client Name:

MCSV

PM: JM2 Due Date: 08/21/19

CLIENT: MCSV

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: 7754 1925 1739

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: TH09 Correction Factor: +0.2

Cooler Temperature (°C): 1.9 Cooler Temperature Corrected (°C): 2.1

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: KW 8/1/19

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? YES NO

Did samples originate from a foreign source (international including Hawaii and Puerto Rico)? Yes No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

			COMMENTS:
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.	
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.	
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.	
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.	
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.	
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.	
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.	
Sufficient Volume: (Triple volume provided for MS/MSD)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.	
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.	
*-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.	
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.	Note if sediment is visible in the dissolved container.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.	
-Includes date/time/ID/Analysis Matrix <u>SL</u> WT OIL			
All containers needing preservation have been checked	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.	<input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
pH paper Lot #			
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH > 9 Sulfide, NaOH > 12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Sample #
			Initial when completed: Lot # of added preservative: Date/Time preservative added
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.	Positive for Res. Chlorine? Y N
KI starch test strips Lot #			
Residual chlorine strips Lot #			
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.	
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.	
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Pace Trip Blank Lot # (if applicable):			

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:



CHAIN-OF-CUSTODY / Analytical Request Form
 The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed.

WO#: 70100180



Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: <i>Meachuck - Shortsville</i>		Report To: <i>Gordon Eddington</i>		Attention:	
Address: <i>Treatment Plant</i>		Copy To:		Company Name:	
<i>3980 Rt. 96</i>		Purchase Order No.:		Address:	
Email To: <i>gedding1@yahoo.com</i>		Project Name: <i>Sludge</i>		Pace Quote Reference:	
Phone: <i>315-277-0762</i> Fax:		Project Number:		Pace Project Manager:	
Requested Due Date/TAT:				Pace Profile #:	
				REGULATORY AGENCY	
				<input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____	
				Site Location	
				STATE: _____	

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analysis Test ↓	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.	
			COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol					Other
			DATE	TIME	DATE	TIME														
1	<i>Sludge</i>						4	2	X											
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
<i>As, Cd, Cr, Cu, Pb, Hg, Mo, Ni, Se, Zn, Total K</i>	<i>Gordon Eddington</i>	<i>8/6/19</i>	<i>1341</i>	<i>Gordon Eddington</i>	<i>8-6-19</i>	<i>1341</i>	<i>1.9</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>
<i>Results in mg/ky</i>										

ORIGINAL

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: <i>Gordon Eddington</i>					
SIGNATURE of SAMPLER: <i>Gordon Eddington</i>					
DATE Signed (MM/DD/YY): <i>8/6/19</i>					

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