

September 10, 2019

Tyler Baker
Tennessee Valley Authority
Chickamauga Power Service Cent
4601 North Access Road, Bld. B
Chattanooga, TN 374153825

RE: Project: 426799 WATTS BAR FOSSIL PLANT
Pace Project No.: 40193697

Dear Tyler Baker:

Enclosed are the analytical results for sample(s) received by the laboratory on August 24, 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.

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

Sincerely,



Tod Noltemeyer
tod.noltemeyer@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Jennifer Gable, Environmental Standards, Inc.
Roy Quinn, TVA



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 426799 WATTS BAR FOSSIL PLANT

Pace Project No.: 40193697

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 426799 WATTS BAR FOSSIL PLANT

Pace Project No.: 40193697

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40193697001	WBF-ACP-EB01-20190812	Tissue	08/12/19 12:52	08/24/19 09:00

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SAMPLE ANALYTE COUNT

Project: 426799 WATTS BAR FOSSIL PLANT

Pace Project No.: 40193697

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40193697001	WBF-ACP-EB01-20190812	EPA 6020	KXS	20
		EPA 7473	AJT	1

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 426799 WATTS BAR FOSSIL PLANT
Pace Project No.: 40193697

Method: EPA 6020
Description: 6020 MET ICPMS
Client: TENNESSEE VALLEY AUTHORITY
Date: September 10, 2019

General Information:

1 sample was analyzed for EPA 6020. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3050B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 331833

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40193369001

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MSD (Lab ID: 1925396)
- Calcium

Additional Comments:

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PROJECT NARRATIVE

Project: 426799 WATTS BAR FOSSIL PLANT
Pace Project No.: 40193697

Method: EPA 7473
Description: 7473 Mercury, Tissue
Client: TENNESSEE VALLEY AUTHORITY
Date: September 10, 2019

General Information:

1 sample was analyzed for EPA 7473. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 426799 WATTS BAR FOSSIL PLANT

Pace Project No.: 40193697

Sample: **WBF-ACP-EB01-20190812** Lab ID: **40193697001** Collected: 08/12/19 12:52 Received: 08/24/19 09:00 Matrix: Tissue

Results reported on a "wet-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050B									
Antimony	<0.021	mg/kg	0.099	0.021	1	08/27/19 08:01	08/31/19 06:59	7440-36-0	
Arsenic	<0.030	mg/kg	0.099	0.030	1	08/27/19 08:01	08/31/19 06:59	7440-38-2	
Barium	<0.030	mg/kg	0.099	0.030	1	08/27/19 08:01	08/31/19 06:59	7440-39-3	
Beryllium	<0.033	mg/kg	0.11	0.033	1	08/27/19 08:01	08/31/19 06:59	7440-41-7	
Boron	<0.69	mg/kg	2.3	0.69	1	08/27/19 08:01	08/31/19 06:59	7440-42-8	
Cadmium	<0.011	mg/kg	0.099	0.011	1	08/27/19 08:01	08/31/19 06:59	7440-43-9	
Calcium	<25.1	mg/kg	83.6	25.1	1	08/27/19 08:01	08/31/19 06:59	7440-70-2	
Chromium	<0.087	mg/kg	0.29	0.087	1	08/27/19 08:01	08/31/19 06:59	7440-47-3	
Cobalt	<0.019	mg/kg	0.099	0.019	1	08/27/19 08:01	08/31/19 06:59	7440-48-4	
Copper	<0.28	mg/kg	0.94	0.28	1	08/27/19 08:01	08/31/19 06:59	7440-50-8	
Lead	<0.030	mg/kg	0.099	0.030	1	08/27/19 08:01	08/31/19 06:59	7439-92-1	
Lithium	<0.021	mg/kg	0.099	0.021	1	08/27/19 08:01	08/31/19 06:59	7439-93-2	
Molybdenum	<0.035	mg/kg	0.12	0.035	1	08/27/19 08:01	08/31/19 06:59	7439-98-7	
Nickel	<0.041	mg/kg	0.14	0.041	1	08/27/19 08:01	08/31/19 06:59	7440-02-0	
Selenium	<0.050	mg/kg	0.17	0.050	1	08/27/19 08:01	08/31/19 06:59	7782-49-2	
Silver	<0.011	mg/kg	0.049	0.011	1	08/27/19 08:01	08/31/19 06:59	7440-22-4	
Strontium	<0.16	mg/kg	0.53	0.16	1	08/27/19 08:01	08/31/19 06:59	7440-24-6	
Thallium	<0.013	mg/kg	0.099	0.013	1	08/27/19 08:01	08/31/19 06:59	7440-28-0	
Vanadium	<0.033	mg/kg	0.11	0.033	1	08/27/19 08:01	08/31/19 06:59	7440-62-2	
Zinc	<1.4	mg/kg	4.6	1.4	1	08/27/19 08:01	08/31/19 06:59	7440-66-6	
7473 Mercury, Tissue									
Analytical Method: EPA 7473									
Mercury	<0.0075	mg/kg	0.025	0.0075	1		09/04/19 12:08	7439-97-6	

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QUALITY CONTROL DATA

Project: 426799 WATTS BAR FOSSIL PLANT

Pace Project No.: 40193697

QC Batch: 332676

Analysis Method: EPA 7473

QC Batch Method: EPA 7473

Analysis Description: 7473 Mercury

Associated Lab Samples: 40193697001

METHOD BLANK: 1930604

Matrix: Tissue

Associated Lab Samples: 40193697001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/kg	0.012J	0.025	0.0076	09/04/19 08:33	

LABORATORY CONTROL SAMPLE: 1930605

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.25	0.28	110	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1930606 1930607

Parameter	Units	40193368001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.0084J	0.15	0.15	0.15	0.15	92	93	80-120	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 426799 WATTS BAR FOSSIL PLANT
Pace Project No.: 40193697

QC Batch:	331833	Analysis Method:	EPA 6020
QC Batch Method:	EPA 3050B	Analysis Description:	6020 MET TISSUE
Associated Lab Samples:	40193697001		

METHOD BLANK: 1925391 Matrix: Tissue
Associated Lab Samples: 40193697001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/kg	<0.021	0.10	0.021	08/31/19 02:56	
Arsenic	mg/kg	<0.030	0.10	0.030	08/31/19 02:56	
Barium	mg/kg	<0.031	0.10	0.031	08/31/19 02:56	
Beryllium	mg/kg	<0.033	0.11	0.033	08/31/19 02:56	
Boron	mg/kg	<0.70	2.3	0.70	08/31/19 02:56	
Cadmium	mg/kg	<0.011	0.10	0.011	08/31/19 02:56	
Calcium	mg/kg	<25.4	84.7	25.4	08/31/19 02:56	
Chromium	mg/kg	<0.088	0.29	0.088	08/31/19 02:56	
Cobalt	mg/kg	<0.019	0.10	0.019	08/31/19 02:56	
Copper	mg/kg	<0.28	0.95	0.28	08/31/19 02:56	
Lead	mg/kg	<0.030	0.10	0.030	08/31/19 02:56	
Lithium	mg/kg	<0.021	0.10	0.021	08/31/19 02:56	
Molybdenum	mg/kg	<0.036	0.12	0.036	08/31/19 02:56	
Nickel	mg/kg	<0.041	0.14	0.041	08/31/19 02:56	
Selenium	mg/kg	<0.051	0.17	0.051	08/31/19 02:56	
Silver	mg/kg	<0.011	0.050	0.011	08/31/19 02:56	
Strontium	mg/kg	<0.16	0.54	0.16	08/31/19 02:56	
Thallium	mg/kg	<0.013	0.10	0.013	08/31/19 02:56	
Vanadium	mg/kg	<0.033	0.11	0.033	08/31/19 02:56	
Zinc	mg/kg	<1.4	4.7	1.4	08/31/19 02:56	

LABORATORY CONTROL SAMPLE: 1925393

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/kg	5	5.6	112	80-120	
Arsenic	mg/kg	5	5.4	108	80-120	
Barium	mg/kg	5	5.3	105	80-120	
Beryllium	mg/kg	5	4.8	95	80-120	
Boron	mg/kg	10	10	100	80-120	
Cadmium	mg/kg	5	5.3	106	80-120	
Calcium	mg/kg	250	280	112	80-120	
Chromium	mg/kg	5	5.2	104	80-120	
Cobalt	mg/kg	5	5.2	103	80-120	
Copper	mg/kg	5	5.2	104	80-120	
Lead	mg/kg	5	5.2	104	80-120	
Lithium	mg/kg	5	4.6	93	80-120	
Molybdenum	mg/kg	5	5.1	102	80-120	
Nickel	mg/kg	5	5.2	104	80-120	
Selenium	mg/kg	5	5.5	110	80-120	
Silver	mg/kg	2.5	2.3	94	80-120	

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QUALITY CONTROL DATA

Project: 426799 WATTS BAR FOSSIL PLANT

Pace Project No.: 40193697

LABORATORY CONTROL SAMPLE: 1925393

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Strontium	mg/kg	5	5.1	103	80-120	
Thallium	mg/kg	5	5.2	105	80-120	
Vanadium	mg/kg	5	5.3	106	80-120	
Zinc	mg/kg	20	21.5	108	80-120	

LABORATORY CONTROL SAMPLE: 1925394

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	59.5	68.6	115	80-126	
Cadmium	mg/kg	42.3	41.3	98	80-120	
Chromium	mg/kg	2	0.66	34	13-93	
Cobalt	mg/kg	1.1	1.0	98	80-120	
Copper	mg/kg	497	455	91	77-120	
Lead	mg/kg	0.22	0.20	88	79-120	
Molybdenum	mg/kg	3.4	3.2	93	80-120	
Nickel	mg/kg	5.3	4.4	83	76-120	
Selenium	mg/kg	10.9	11.4	105	80-130	
Strontium	mg/kg	36.5	32.2	88	79-120	
Vanadium	mg/kg	9.1	9.2	101	80-120	
Zinc	mg/kg	136	134	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1925395 1925396

Parameter	Units	40193369001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	mg/kg	<0.021	5	5	5.6	5.6	112	113	75-125	0	20	
Arsenic	mg/kg	<0.030	5	5	5.3	5.3	105	106	75-125	0	20	
Barium	mg/kg	0.16	5	5	5.3	5.4	104	105	75-125	1	20	
Beryllium	mg/kg	<0.033	5	5	4.6	4.7	93	95	75-125	3	20	
Boron	mg/kg	<0.69	10	9.9	9.3	9.3	93	93	75-125	0	20	
Cadmium	mg/kg	0.17	5	5	5.5	5.5	107	107	75-125	0	20	
Calcium	mg/kg	324	249	248	618	672	118	140	75-125	8	20	M0
Chromium	mg/kg	0.11J	5	5	5.3	5.3	103	104	75-125	0	20	
Cobalt	mg/kg	0.52	5	5	5.6	5.7	102	104	75-125	1	20	
Copper	mg/kg	6.0	5	5	11.0	10.9	100	99	75-125	0	20	
Lead	mg/kg	<0.030	5	5	5.2	5.2	104	105	75-125	1	20	
Lithium	mg/kg	<0.021	5	5	4.5	4.5	89	91	75-125	2	20	
Molybdenum	mg/kg	0.10J	5	5	5.2	5.2	102	102	75-125	0	20	
Nickel	mg/kg	<0.041	5	5	5.2	5.2	103	104	75-125	0	20	
Selenium	mg/kg	0.84	5	5	6.2	6.2	107	109	75-125	1	20	
Silver	mg/kg	0.023J	2.5	2.5	2.4	2.4	94	94	75-125	0	20	
Strontium	mg/kg	0.25J	5	5	5.3	5.4	102	103	75-125	1	20	
Thallium	mg/kg	<0.013	5	5	5.2	5.2	104	106	75-125	1	20	
Vanadium	mg/kg	<0.033	5	5	5.3	5.2	106	105	75-125	2	20	

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QUALITY CONTROL DATA

Project: 426799 WATTS BAR FOSSIL PLANT

Pace Project No.: 40193697

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1925395 1925396												
Parameter	Units	40193369001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Zinc	mg/kg	26.2	19.9	19.9	44.8	48.8	93	114	75-125	9	20	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 426799 WATTS BAR FOSSIL PLANT
Pace Project No.: 40193697

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.

ANALYTE QUALIFIERS

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 426799 WATTS BAR FOSSIL PLANT

Pace Project No.: 40193697

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40193697001	WBF-ACP-EB01-20190812	EPA 3050B	331833	EPA 6020	332056
40193697001	WBF-ACP-EB01-20190812	EPA 7473	332676		

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TVA Environmental Investigations

Chain-of-Custody / Analytical Request Document

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

[illegible]

Client Name: TN Valley Authority

Sample Preservation Receipt Form

Project # 40695697

All containers needing preservation have been checked and noted below: ☒ Yes ☐ No ☐ N/A

Lab Lot# of pH paper: 1050891

Lab Std #/ID of preservation (if pH adjusted):

Initial when completed: MC

Date/Time:

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 200
Green Bay, WI 54306


Page 2 of 2

Pace Lab #	Glass	Plastic	Vials	Jars	General	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001	AG1U	BP1U	DG9A	JGFU	SP5T							2.5 / 5 / 10
002	AG1H	BP2N	DG9T	WGFU	ZPLC							2.5 / 5 / 10
003	AG4S	BP2Z	VG9U	WPFU	GN							2.5 / 5 / 10
004	AG4U	BP3U	VG9H									2.5 / 5 / 10
005	AG5U	BP3B	VG9M									2.5 / 5 / 10
006	AG2S	BP3N	VG9D									2.5 / 5 / 10
007	BG3U	BP3S										2.5 / 5 / 10
008												2.5 / 5 / 10
009												2.5 / 5 / 10
010												2.5 / 5 / 10
011												2.5 / 5 / 10
012												2.5 / 5 / 10
013												2.5 / 5 / 10
014												2.5 / 5 / 10
015												2.5 / 5 / 10
016												2.5 / 5 / 10
017												2.5 / 5 / 10
018												2.5 / 5 / 10
019												2.5 / 5 / 10
020												2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, W/DRO, Phenolics, Other: _____

Headspace in VOA Vials (>6mm) : ☐ Yes ☒ No ☐ N/A *If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	DG9A	40 mL amber ascorbic	JGFU	4 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP2N	500 mL plastic HNO3	DG9T	40 mL amber Na Thio	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH, Znact	VG9U	40 mL clear vial unpres	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3U	250 mL plastic unpres	VG9H	40 mL clear vial HCL		
AG5U	100 mL amber glass unpres	BP3B	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH		
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	SP5T	120 mL plastic Na Thiosulfate
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			ZPLC	ziploc bag
						GN:	

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 25Apr2018
	Document No.: F-GB-C-031-Rev.07	Issuing Authority: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Client Name: TN Valley Authority

Project #:

WO#: 40193697

Courier: ☐ CS Logistics ☒ Fed Ex ☐ Speedee ☐ UPS ☐ Walto
☐ Client ☐ Pace Other: _____



Tracking #: 789346254731

Custody Seal on Cooler/Box Present: ☒ yes ☐ no Seals intact: ☒ yes ☐ no

Custody Seal on Samples Present: ☒ yes ☐ no Seals intact: ☒ yes ☐ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other _____

Thermometer Used SR - 40

Type of Ice: ☒ Wet ☐ Blue ☐ Dry ☐ None

☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 1 /Corr: 1.5

Temp Blank Present: ☒ yes ☐ no

Biological Tissue is Frozen: ☐ yes ☐ no

Person examining contents:

Date: 08/24/19

Initials: MSC

Temp should be above freezing to 6°C.

Biota Samples may be received at ≤ 0°C.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	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.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
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:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
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 <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10. <u>Broke Seal to PH.</u> <u>MSC 08/24/19</u>
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

If checked, see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review:

Rmt for TN

Date: 08/24/19