From: William Bratcher <will@bratcherlawoffice.com>
Sent: Wednesday, October 09, 2019 12:24 PM
To: Janowiak, Steve J - DNR
Cc: Prosa, Timothy A - DNR
Subject: Kautzer Property 03-10-554767
Attachments: 40158761_frc.pdf; 40168015_frc.pdf; 40189033_frc.pdf

Good Afternoon Steve and Tim,

I was finally able to start to obtain some information and documentation from REI. Specifically attached are three water sample reports dated 10/19/2019, 04/30/2018, and 06/11/2019.

None of these were previously submitted to the DNR, either in the PECFA reimbursement requests or otherwise, from what you provided me.

Steve – Could you please add these to the file and provide me with your analysis as far as whether these tests comply with the requirements under the 2017 closure letter no. 3, and if not, what still needs to be completed on that in detail? Please do not refer me to REI, they are not being cooperative, and part of what I am attempting to do is make sure everyone is giving me the same information.

If it assists in your analysis, to quote Ken Lassa from REI: "You can see on the chain of custody that the event conducted in October 16, 2017 also had a sample collected from TW-1. … However, only one of the borings advanced had enough water from the boring to collect a water sample for submittal to the lab for analysis. This is also documented by the Geiss invoice that reflects only one sample collected which was submitted in Claim #18 on November 16, 2017. … As indicated over the phone, the final groundwater sample event of this scope has not been completed."

Tim, I have looked at the information you provided about the claims previously submitted, thank you. However, I have a follow-up question.

On the standard "PECFA Claims Submittal Checklist" it indicates that any missing information may result in the claim being denied. On each and every form, it appears Dave Larsen (REI) checked the box marked "Copies of all reports pertinent to the claim being submitted" but wrote "N/A" next to it and did not include any reports, such as the sample reports I've (finally) tracked down here. Why are these not being required? Why did these requests go through without the reports the state was paying for? Am I missing something?

I will be following up with more information from REI when it is obtained. Thank you for your assistance in helping us sort this out.

Will

--
Atty. Will Bratcher
103 E School St.
PO Box 388
Thorp, WI 54771-0388

Phone: 715-669-5611
Fax: 715-669-5587
will@bratcherlawoffice.com

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

October 19, 2017

DAVID LARSEN
REI
4080 NORTH 20TH AVENUE
Wausau, WI 54401

RE: Project: 5357AXUC SCHLINSOG DAIRY
Pace Project No.: 40158761

Dear DAVID LARSEN:
Enclosed are the analytical results for sample(s) received by the laboratory on October 17, 2017. 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,

Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 5357AXUC SCHLINSOG DAIRY
Pace Project No.: 40158761

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

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 5357AXUC SCHLINSOG DAIRY
Pace Project No.: 40158761

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40158761001	**MW-1**	Water	10/16/17 12:40	10/17/17 08:45
40158761002	**MW-2**	Water	10/16/17 13:00	10/17/17 08:45
40158761003	**MW-3**	Water	10/16/17 11:20	10/17/17 08:45
40158761004	**MW-6**	Water	10/16/17 12:15	10/17/17 08:45
40158761005	**TW-1**	Water	10/16/17 14:30	10/17/17 08:45

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: 5357AXUC SCHLINSOG DAIRY
Pace Project No.: 40158761

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40158761001	**MW-1**	EPA 8260	LAP	13
40158761002	**MW-2**	EPA 8260	LAP	13
40158761003	**MW-3**	EPA 8260	LAP	13
40158761004	**MW-6**	EPA 8260	LAP	13
40158761005	**TW-1**	EPA 8260	LAP	13

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 5357AXUC SCHLINSOG DAIRY
Pace Project No.: 40158761

Sample: MW-1 **Lab ID: 40158761001** Collected: 10/16/17 12:40 Received: 10/17/17 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	**7690**	ug/L	100	50.0	100		10/18/17 12:30	71-43-2	
1,2-Dichloroethane	**401**	ug/L	100	16.8	100		10/18/17 12:30	107-06-2	
Ethylbenzene	**2980**	ug/L	100	50.0	100		10/18/17 12:30	100-41-4	
Methyl-tert-butyl ether	**<17.4**	ug/L	100	17.4	100		10/18/17 12:30	1634-04-4	
Toluene	**13000**	ug/L	100	50.0	100		10/18/17 12:30	108-88-3	
1,2,4-Trimethylbenzene	**1930**	ug/L	100	50.0	100		10/18/17 12:30	95-63-6	
1,3,5-Trimethylbenzene	**505**	ug/L	100	50.0	100		10/18/17 12:30	108-67-8	
Xylene (Total)	**12000**	ug/L	300	150	100		10/18/17 12:30	1330-20-7	
m&p-Xylene	**8690**	ug/L	200	100	100		10/18/17 12:30	179601-23-1	
o-Xylene	**3340**	ug/L	100	50.0	100		10/18/17 12:30	95-47-6	
Surrogates									
Dibromofluoromethane (S)	102	%	67-130		100		10/18/17 12:30	1868-53-7	
Toluene-d8 (S)	101	%	70-130		100		10/18/17 12:30	2037-26-5	
4-Bromofluorobenzene (S)	93	%	61-130		100		10/18/17 12:30	460-00-4	

Sample: MW-2 **Lab ID: 40158761002** Collected: 10/16/17 13:00 Received: 10/17/17 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	**11100**	ug/L	100	50.0	100		10/18/17 12:07	71-43-2	
1,2-Dichloroethane	**420**	ug/L	100	16.8	100		10/18/17 12:07	107-06-2	
Ethylbenzene	**3230**	ug/L	100	50.0	100		10/18/17 12:07	100-41-4	
Methyl-tert-butyl ether	**<17.4**	ug/L	100	17.4	100		10/18/17 12:07	1634-04-4	
Toluene	**27600**	ug/L	100	50.0	100		10/18/17 12:07	108-88-3	
1,2,4-Trimethylbenzene	**2300**	ug/L	100	50.0	100		10/18/17 12:07	95-63-6	
1,3,5-Trimethylbenzene	**589**	ug/L	100	50.0	100		10/18/17 12:07	108-67-8	
Xylene (Total)	**15500**	ug/L	300	150	100		10/18/17 12:07	1330-20-7	
m&p-Xylene	**10600**	ug/L	200	100	100		10/18/17 12:07	179601-23-1	
o-Xylene	**4930**	ug/L	100	50.0	100		10/18/17 12:07	95-47-6	
Surrogates									
Dibromofluoromethane (S)	111	%	67-130		100		10/18/17 12:07	1868-53-7	
Toluene-d8 (S)	99	%	70-130		100		10/18/17 12:07	2037-26-5	
4-Bromofluorobenzene (S)	93	%	61-130		100		10/18/17 12:07	460-00-4	

Sample: MW-3 **Lab ID: 40158761003** Collected: 10/16/17 11:20 Received: 10/17/17 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	**29.2**	ug/L	2.0	1.0	2		10/18/17 12:51	71-43-2	
1,2-Dichloroethane	**<0.34**	ug/L	2.0	0.34	2		10/18/17 12:51	107-06-2	
Ethylbenzene	**59.6**	ug/L	2.0	1.0	2		10/18/17 12:51	100-41-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 5357AXUC SCHLINSOG DAIRY
Pace Project No.: 40158761

Sample: MW-3 **Lab ID: 40158761003** Collected: 10/16/17 11:20 Received: 10/17/17 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Methyl-tert-butyl ether	**<0.35**	ug/L	2.0	0.35	2		10/18/17 12:51	1634-04-4	
Toluene	**4.8**	ug/L	2.0	1.0	2		10/18/17 12:51	108-88-3	
1,2,4-Trimethylbenzene	**51.6**	ug/L	2.0	1.0	2		10/18/17 12:51	95-63-6	
1,3,5-Trimethylbenzene	**29.2**	ug/L	2.0	1.0	2		10/18/17 12:51	108-67-8	
Xylene (Total)	**62.5**	ug/L	6.0	3.0	2		10/18/17 12:51	1330-20-7	
m&p-Xylene	**62.5**	ug/L	4.0	2.0	2		10/18/17 12:51	179601-23-1	
o-Xylene	**<1.0**	ug/L	2.0	1.0	2		10/18/17 12:51	95-47-6	
Surrogates									
Dibromofluoromethane (S)	98	%	67-130		2		10/18/17 12:51	1868-53-7	D3
Toluene-d8 (S)	97	%	70-130		2		10/18/17 12:51	2037-26-5	
4-Bromofluorobenzene (S)	94	%	61-130		2		10/18/17 12:51	460-00-4	

Sample: MW-6 **Lab ID: 40158761004** Collected: 10/16/17 12:15 Received: 10/17/17 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	**0.80J**	ug/L	1.0	0.50	1		10/18/17 18:00	71-43-2	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		10/18/17 18:00	107-06-2	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		10/18/17 18:00	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		10/18/17 18:00	1634-04-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		10/18/17 18:00	108-88-3	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		10/18/17 18:00	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		10/18/17 18:00	108-67-8	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		10/18/17 18:00	1330-20-7	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		10/18/17 18:00	179601-23-1	
o-Xylene	**1.2**	ug/L	1.0	0.50	1		10/18/17 18:00	95-47-6	
Surrogates									
Dibromofluoromethane (S)	107	%	67-130		1		10/18/17 18:00	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		10/18/17 18:00	2037-26-5	
4-Bromofluorobenzene (S)	91	%	61-130		1		10/18/17 18:00	460-00-4	

Sample: TW-1 **Lab ID: 40158761005** Collected: 10/16/17 14:30 Received: 10/17/17 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		10/18/17 16:10	71-43-2	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		10/18/17 16:10	107-06-2	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		10/18/17 16:10	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		10/18/17 16:10	1634-04-4	
Toluene	**0.53J**	ug/L	1.0	0.50	1		10/18/17 16:10	108-88-3	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		10/18/17 16:10	95-63-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 5357AXUC SCHLINSOG DAIRY
Pace Project No.: 40158761

Sample: TW-1 **Lab ID: 40158761005** Collected: 10/16/17 14:30 Received: 10/17/17 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		10/18/17 16:10	108-67-8	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		10/18/17 16:10	1330-20-7	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		10/18/17 16:10	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		10/18/17 16:10	95-47-6	
Surrogates									
Dibromofluoromethane (S)	107	%	67-130		1		10/18/17 16:10	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		10/18/17 16:10	2037-26-5	
4-Bromofluorobenzene (S)	91	%	61-130		1		10/18/17 16:10	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 5357AXUC SCHLINSOG DAIRY
Pace Project No.: 40158761

QC Batch: 270966 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 40158761001, 40158761002, 40158761003, 40158761004, 40158761005

METHOD BLANK: 1593061 Matrix: Water
Associated Lab Samples: 40158761001, 40158761002, 40158761003, 40158761004, 40158761005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	10/18/17 08:28	
1,2-Dichloroethane	ug/L	<0.17	1.0	10/18/17 08:28	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	10/18/17 08:28	
Benzene	ug/L	<0.50	1.0	10/18/17 08:28	
Ethylbenzene	ug/L	<0.50	1.0	10/18/17 08:28	
m&p-Xylene	ug/L	<1.0	2.0	10/18/17 08:28	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	10/18/17 08:28	
o-Xylene	ug/L	<0.50	1.0	10/18/17 08:28	
Toluene	ug/L	<0.50	1.0	10/18/17 08:28	
Xylene (Total)	ug/L	<1.5	3.0	10/18/17 08:28	
4-Bromofluorobenzene (S)	%	90	61-130	10/18/17 08:28	
Dibromofluoromethane (S)	%	103	67-130	10/18/17 08:28	
Toluene-d8 (S)	%	102	70-130	10/18/17 08:28	

LABORATORY CONTROL SAMPLE: 1593062

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	49.6	53.9	109	70-131	
Benzene	ug/L	49.6	57.6	116	73-145	
Ethylbenzene	ug/L	49.6	54.2	109	87-129	
m&p-Xylene	ug/L	99.2	108	108	70-130	
Methyl-tert-butyl ether	ug/L	49.6	50.7	102	66-143	
o-Xylene	ug/L	49.6	52.7	106	70-130	
Toluene	ug/L	49.6	53.0	107	82-130	
Xylene (Total)	ug/L	149	160	108	70-130	
4-Bromofluorobenzene (S)	%			97	61-130	
Dibromofluoromethane (S)	%			111	67-130	
Toluene-d8 (S)	%			100	70-130	

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.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: 5357AXUC SCHLINSOG DAIRY
Pace Project No.: 40158761

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 LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

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 at or above the adjusted LOD.

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

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 5357AXUC SCHLINSOG DAIRY
Pace Project No.: 40158761

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40158761001	**MW-1**	EPA 8260	270966		
40158761002	**MW-2**	EPA 8260	270966		
40158761003	**MW-3**	EPA 8260	270966		
40158761004	**MW-6**	EPA 8260	270966		
40158761005	**TW-1**	EPA 8260	270966		

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Pace Analytical®
www.pacelabs.com

90158761

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	REI
Branch/Location:	Wausau
Project Contact:	Dave Larsen
Phone:	715-675-9784
Project Number:	5357AAMC
Project Name:	Schlinsog Dairy
Project State:	WI
Sampled By (Print):	Scott Blade
Sampled By (Sign):	Scott Blade
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	Dave Larsen
Mail To Company:	REI
Mail To Address:	DLarsen@reiengineering.com
Invoice To Contact:	SAA
Invoice To Company:	SAA
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
SI = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: PVOC/12 OC4	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	MW-1	10/16	12:40	GW	N	B			3-40mL B	
002	MW-2		1:00						↓	
003	MW-3		11:20							
004	MW-4		12:15							
005	TW-1		2:30					*1 vial	1-40mL B	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Scott Blade	10/16/17 4:15		
walter	10/17/17 0845	Rachel Mus Pace	10/17/17 0845

PACE Project No.: 90158761
Receipt Temp = 2.01 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal: Present / Not Present; Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Pace Analytical™

Project # **WO# : 40158761**

40158761

Client Name: PEI

Courier: ☐ Fed Ex ☐ UPS ☐ Client ☐ Pace Other: Walter

Tracking #: 152120B-1

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 N/A **Type of Ice:** (Wet) (Blue) Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: /Corr: R01 **Biological Tissue is Frozen:** ☐ yes ☐ no

RMW 10/17/17

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 10/17/17
Initials: RMW

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☐Yes ☑No ☐N/A	8. NO MS/MSD RMW 10/17/17
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes ☐No ☑N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☑Yes ☐No	Initial when completed / Lab Std #ID of preservative / Date/ Time:
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	14.
Trip Blank Present:	☑Yes ☑No ☐N/A	15.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):	RMW 10/17/17	

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: Date: 10-17-17

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

April 30, 2018

DAVID LARSEN
REI
4080 NORTH 20TH AVENUE
Wausau, WI 54401

RE: Project: 5357AXUC SCHLINSOG DAIRY
Pace Project No.: 40168015

Dear DAVID LARSEN:
Enclosed are the analytical results for sample(s) received by the laboratory on April 26, 2018. 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,

Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 5357AXUC SCHLINSOG DAIRY
Pace Project No.: 40168015

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

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 5357AXUC SCHLINSOG DAIRY
Pace Project No.: 40168015

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40168015001	**MW-1**	Water	04/25/18 12:00	04/26/18 08:30
40168015002	**MW-2**	Water	04/25/18 12:15	04/26/18 08:30
40168015003	**MW-3**	Water	04/25/18 11:30	04/26/18 08:30
40168015004	**MW-6**	Water	04/25/18 11:00	04/26/18 08:30

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: 5357AXUC SCHLINSOG DAIRY
Pace Project No.: 40168015

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40168015001	**MW-1**	EPA 8260	LAP	11
40168015002	**MW-2**	EPA 8260	LAP	11
40168015003	**MW-3**	EPA 8260	LAP	11
40168015004	**MW-6**	EPA 8260	LAP	11

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 5357AXUC SCHLINSOG DAIRY
Pace Project No.: 40168015

Sample: MW-1 **Lab ID: 40168015001** Collected: 04/25/18 12:00 Received: 04/26/18 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	**2430**	ug/L	100	50.0	100		04/27/18 22:46	71-43-2	
1,2-Dichloroethane	**190**	ug/L	100	16.8	100		04/27/18 22:46	107-06-2	
Ethylbenzene	**1110**	ug/L	100	50.0	100		04/27/18 22:46	100-41-4	
Methyl-tert-butyl ether	**<17.4**	ug/L	100	17.4	100		04/27/18 22:46	1634-04-4	
Toluene	**7090**	ug/L	100	50.0	100		04/27/18 22:46	108-88-3	
1,2,4-Trimethylbenzene	**903**	ug/L	100	50.0	100		04/27/18 22:46	95-63-6	
1,3,5-Trimethylbenzene	**222**	ug/L	100	50.0	100		04/27/18 22:46	108-67-8	
Xylene (Total)	**6030**	ug/L	300	150	100		04/27/18 22:46	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	99	%	67-130		100		04/27/18 22:46	1868-53-7	
Toluene-d8 (S)	95	%	70-130		100		04/27/18 22:46	2037-26-5	
4-Bromofluorobenzene (S)	94	%	61-130		100		04/27/18 22:46	460-00-4	

Sample: MW-2 **Lab ID: 40168015002** Collected: 04/25/18 12:15 Received: 04/26/18 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	**6950**	ug/L	100	50.0	100		04/27/18 23:09	71-43-2	
1,2-Dichloroethane	**491**	ug/L	100	16.8	100		04/27/18 23:09	107-06-2	
Ethylbenzene	**2990**	ug/L	100	50.0	100		04/27/18 23:09	100-41-4	
Methyl-tert-butyl ether	**<17.4**	ug/L	100	17.4	100		04/27/18 23:09	1634-04-4	
Toluene	**11500**	ug/L	100	50.0	100		04/27/18 23:09	108-88-3	
1,2,4-Trimethylbenzene	**2490**	ug/L	100	50.0	100		04/27/18 23:09	95-63-6	
1,3,5-Trimethylbenzene	**607**	ug/L	100	50.0	100		04/27/18 23:09	108-67-8	
Xylene (Total)	**13000**	ug/L	300	150	100		04/27/18 23:09	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	98	%	67-130		100		04/27/18 23:09	1868-53-7	
Toluene-d8 (S)	96	%	70-130		100		04/27/18 23:09	2037-26-5	
4-Bromofluorobenzene (S)	95	%	61-130		100		04/27/18 23:09	460-00-4	

Sample: MW-3 **Lab ID: 40168015003** Collected: 04/25/18 11:30 Received: 04/26/18 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		04/27/18 18:17	71-43-2	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/27/18 18:17	107-06-2	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/27/18 18:17	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/27/18 18:17	1634-04-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/27/18 18:17	108-88-3	
1,2,4-Trimethylbenzene	**2.1**	ug/L	1.0	0.50	1		04/27/18 18:17	95-63-6	
1,3,5-Trimethylbenzene	**0.97J**	ug/L	1.0	0.50	1		04/27/18 18:17	108-67-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 5357AXUC SCHLINSOG DAIRY
Pace Project No.: 40168015

Sample: MW-3 **Lab ID: 40168015003** Collected: 04/25/18 11:30 Received: 04/26/18 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Xylene (Total)	**2.2J**	ug/L	3.0	1.5	1		04/27/18 18:17	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	103	%	67-130		1		04/27/18 18:17	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		04/27/18 18:17	2037-26-5	
4-Bromofluorobenzene (S)	96	%	61-130		1		04/27/18 18:17	460-00-4	

Sample: MW-6 **Lab ID: 40168015004** Collected: 04/25/18 11:00 Received: 04/26/18 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		04/27/18 18:39	71-43-2	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/27/18 18:39	107-06-2	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/27/18 18:39	100-41-4	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/27/18 18:39	1634-04-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/27/18 18:39	108-88-3	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/27/18 18:39	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/27/18 18:39	108-67-8	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		04/27/18 18:39	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	99	%	67-130		1		04/27/18 18:39	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		04/27/18 18:39	2037-26-5	
4-Bromofluorobenzene (S)	91	%	61-130		1		04/27/18 18:39	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 5357AXUC SCHLINSOG DAIRY
Pace Project No.: 40168015

QC Batch: 287155 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 40168015001, 40168015002, 40168015003, 40168015004

METHOD BLANK: 1679874 Matrix: Water
Associated Lab Samples: 40168015001, 40168015002, 40168015003, 40168015004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	04/27/18 14:54	
1,2-Dichloroethane	ug/L	<0.17	1.0	04/27/18 14:54	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	04/27/18 14:54	
Benzene	ug/L	<0.50	1.0	04/27/18 14:54	
Ethylbenzene	ug/L	<0.50	1.0	04/27/18 14:54	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	04/27/18 14:54	
Toluene	ug/L	<0.50	1.0	04/27/18 14:54	
Xylene (Total)	ug/L	<1.5	3.0	04/27/18 14:54	
4-Bromofluorobenzene (S)	%	84	61-130	04/27/18 14:54	
Dibromofluoromethane (S)	%	111	67-130	04/27/18 14:54	
Toluene-d8 (S)	%	96	70-130	04/27/18 14:54	

LABORATORY CONTROL SAMPLE: 1679875

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	50	49.9	100	70-131	
Benzene	ug/L	50	52.7	105	73-145	
Ethylbenzene	ug/L	50	58.3	117	87-129	
Methyl-tert-butyl ether	ug/L	50	45.4	91	66-143	
Toluene	ug/L	50	54.4	109	82-130	
Xylene (Total)	ug/L	150	183	122	70-130	
4-Bromofluorobenzene (S)	%			102	61-130	
Dibromofluoromethane (S)	%			99	67-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1679876 1679877

Parameter	Units	40168051009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	<0.17	50	50	49.5	50.3	99	101	70-131	1	20	
Benzene	ug/L	11.8	50	50	64.1	64.0	105	104	73-145	0	20	
Ethylbenzene	ug/L	6.3	50	50	63.1	65.0	114	117	87-129	3	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	46.1	48.6	92	97	66-143	5	20	
Toluene	ug/L	<0.50	50	50	52.8	54.0	106	108	82-131	2	20	
Xylene (Total)	ug/L	4.4	150	150	179	184	116	120	70-130	3	20	
4-Bromofluorobenzene (S)	%						101	101	61-130			
Dibromofluoromethane (S)	%						101	100	67-130			
Toluene-d8 (S)	%						99	98	70-130			

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.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: 5357AXUC SCHLINSOG DAIRY
Pace Project No.: 40168015

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 LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

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 at or above the adjusted LOD.

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.

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 5357AXUC SCHLINSOG DAIRY
Pace Project No.: 40168015

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40168015001	**MW-1**	EPA 8260	287155		
40168015002	**MW-2**	EPA 8260	287155		
40168015003	**MW-3**	EPA 8260	287155		
40168015004	**MW-6**	EPA 8260	287155		

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY

40168015

(Please Print Clearly)	
Company Name:	REI
Branch/Location:	Wausau
Project Contact:	Dave Lawson
Phone:	715-675-9784
Project Number:	5357AXMC
Project Name:	Schlussey Dairy
Project State:	WI
Sampled By (Print):	Jed Kosch
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	Dave Lawson
Mail To Company:	REI
Mail To Address:	DLawson@reiengineering.com
Invoice To Contact:	SAH
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
SI = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: PVOC + 1,2DCA	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	MW-1	4/25/18	12:00	GW	N	B	1			
002	MW-2	"	12:15	"	"	"	1			
003	MW-3	"	11:30	"	"	"	1			
004	MW-6	"	11:00	"	"	"	1			

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Matthew W. Rehm	4/25/18 14:40		
Walton	4/26/18 0830	Susan Kilgus	4/26/18 0830
		Paul	

PACE Project No. 40168015

Receipt Temp = ROT °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / ~~Not Present~~ Intact / Not Intact

C019a(27Jun2006)

Version 6.0 06/14/06

ORIGINAL

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Client Name: REI

Sample Preservation Receipt Form

Project # 40168015

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

Lab Lot# of pH paper: Lab Std #ID of preservation (if pH adjusted): Initial when completed: Date/ Time:

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)
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3C	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T	ZPLC	GN							
001																		3															2.5 / 5 / 10
002																		3															2.5 / 5 / 10
003																		3															2.5 / 5 / 10
004																		3															2.5 / 5 / 10
005																																	2.5 / 5 / 10
006																																	2.5 / 5 / 10
007																																	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, WI 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	BP3C	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			GN:	

Pace Analytical™ 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: REI

Project #: WO#: 40168015

40168015

Courier: ☐ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☑ Waltco ☐ Client ☐ Pace Other:

Tracking #: 1702196

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 - N/A **Type of Ice:** Wet Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROI /Corr:

Temp Blank Present: ☐ yes ☑ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Person examining contents:
Date: 4-26-18
Initials: EW

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD: ☐Yes ☑No ☐N/A		8.
Correct Containers Used:	☑Yes ☐No	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
Trip Blank Present:	☐Yes ☑No ☐N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☑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: Date: 4-26-18

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

June 11, 2019

DAVID LARSEN
REI
4080 NORTH 20TH AVENUE
Wausau, WI 54401

RE: Project: 5357 SCHLINSOG DAIRY
Pace Project No.: 40189033

Dear DAVID LARSEN:
Enclosed are the analytical results for sample(s) received by the laboratory on June 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.

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

Sincerely,

Steven Mleczko for
Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 5357 SCHLINSOG DAIRY
Pace Project No.: 40189033

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

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 5357 SCHLINSOG DAIRY
Pace Project No.: 40189033

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40189033001	**MW1**	Water	06/06/19 12:00	06/07/19 09:15
40189033002	**MW2**	Water	06/06/19 12:15	06/07/19 09:15
40189033003	**MW3**	Water	06/06/19 11:45	06/07/19 09:15
40189033004	**MW6**	Water	06/06/19 11:30	06/07/19 09:15

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: 5357 SCHLINSOG DAIRY
Pace Project No.: 40189033

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40189033001	**MW1**	EPA 8260	LAP	11
40189033002	**MW2**	EPA 8260	LAP	11
40189033003	**MW3**	EPA 8260	LAP	11
40189033004	**MW6**	EPA 8260	LAP	11

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 5357 SCHLINSOG DAIRY
Pace Project No.: 40189033

Sample: MW1 **Lab ID: 40189033001** Collected: 06/06/19 12:00 Received: 06/07/19 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	**5510**	ug/L	100	24.6	100		06/11/19 03:12	71-43-2	
1,2-Dichloroethane	**384**	ug/L	100	28.0	100		06/11/19 03:12	107-06-2	
Ethylbenzene	**999**	ug/L	100	21.8	100		06/11/19 03:12	100-41-4	
Methyl-tert-butyl ether	**<125**	ug/L	415	125	100		06/11/19 03:12	1634-04-4	
Toluene	**7970**	ug/L	500	17.2	100		06/11/19 03:12	108-88-3	
1,2,4-Trimethylbenzene	**1850**	ug/L	280	84.1	100		06/11/19 03:12	95-63-6	
1,3,5-Trimethylbenzene	**615**	ug/L	291	87.3	100		06/11/19 03:12	108-67-8	
Xylene (Total)	**8600**	ug/L	300	150	100		06/11/19 03:12	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	111	%	70-130		100		06/11/19 03:12	1868-53-7	
Toluene-d8 (S)	99	%	70-130		100		06/11/19 03:12	2037-26-5	
4-Bromofluorobenzene (S)	108	%	70-130		100		06/11/19 03:12	460-00-4	

Sample: MW2 **Lab ID: 40189033002** Collected: 06/06/19 12:15 Received: 06/07/19 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	**6890**	ug/L	100	24.6	100		06/11/19 03:34	71-43-2	
1,2-Dichloroethane	**659**	ug/L	100	28.0	100		06/11/19 03:34	107-06-2	
Ethylbenzene	**3140**	ug/L	100	21.8	100		06/11/19 03:34	100-41-4	
Methyl-tert-butyl ether	**<125**	ug/L	415	125	100		06/11/19 03:34	1634-04-4	
Toluene	**10500**	ug/L	500	17.2	100		06/11/19 03:34	108-88-3	
1,2,4-Trimethylbenzene	**2150**	ug/L	280	84.1	100		06/11/19 03:34	95-63-6	
1,3,5-Trimethylbenzene	**501**	ug/L	291	87.3	100		06/11/19 03:34	108-67-8	
Xylene (Total)	**11100**	ug/L	300	150	100		06/11/19 03:34	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	111	%	70-130		100		06/11/19 03:34	1868-53-7	
Toluene-d8 (S)	94	%	70-130		100		06/11/19 03:34	2037-26-5	
4-Bromofluorobenzene (S)	110	%	70-130		100		06/11/19 03:34	460-00-4	

Sample: MW3 **Lab ID: 40189033003** Collected: 06/06/19 11:45 Received: 06/07/19 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	**571**	ug/L	5.0	1.2	5		06/11/19 07:50	71-43-2	HS,M1
1,2-Dichloroethane	**66.8**	ug/L	1.0	0.28	1		06/10/19 21:13	107-06-2	M1
Ethylbenzene	**30.8**	ug/L	1.0	0.22	1		06/10/19 21:13	100-41-4	M1
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/10/19 21:13	1634-04-4	
Toluene	**12.7**	ug/L	5.0	0.17	1		06/10/19 21:13	108-88-3	
1,2,4-Trimethylbenzene	**11.7**	ug/L	2.8	0.84	1		06/10/19 21:13	95-63-6	
1,3,5-Trimethylbenzene	**3.1**	ug/L	2.9	0.87	1		06/10/19 21:13	108-67-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 5357 SCHLINSOG DAIRY
Pace Project No.: 40189033

Sample: MW3 **Lab ID: 40189033003** Collected: 06/06/19 11:45 Received: 06/07/19 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Xylene (Total)	**30.9**	ug/L	3.0	1.5	1		06/10/19 21:13	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	113	%	70-130		1		06/10/19 21:13	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		06/10/19 21:13	2037-26-5	
4-Bromofluorobenzene (S)	105	%	70-130		1		06/10/19 21:13	460-00-4	

Sample: MW6 **Lab ID: 40189033004** Collected: 06/06/19 11:30 Received: 06/07/19 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	**98.0**	ug/L	1.0	0.25	1		06/11/19 00:35	71-43-2	
1,2-Dichloroethane	**8.3**	ug/L	1.0	0.28	1		06/11/19 00:35	107-06-2	
Ethylbenzene	**26.7**	ug/L	1.0	0.22	1		06/11/19 00:35	100-41-4	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		06/11/19 00:35	1634-04-4	
Toluene	**7.8**	ug/L	5.0	0.17	1		06/11/19 00:35	108-88-3	
1,2,4-Trimethylbenzene	**6.4**	ug/L	2.8	0.84	1		06/11/19 00:35	95-63-6	
1,3,5-Trimethylbenzene	**3.0**	ug/L	2.9	0.87	1		06/11/19 00:35	108-67-8	
Xylene (Total)	**19.0**	ug/L	3.0	1.5	1		06/11/19 00:35	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	113	%	70-130		1		06/11/19 00:35	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		06/11/19 00:35	2037-26-5	
4-Bromofluorobenzene (S)	108	%	70-130		1		06/11/19 00:35	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 5357 SCHLINSOG DAIRY
Pace Project No.: 40189033

QC Batch: 323797 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 40189033001, 40189033002, 40189033003, 40189033004

METHOD BLANK: 1880602 Matrix: Water
Associated Lab Samples: 40189033001, 40189033002, 40189033003, 40189033004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	06/10/19 17:29	
1,2-Dichloroethane	ug/L	<0.28	1.0	06/10/19 17:29	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	06/10/19 17:29	
Benzene	ug/L	<0.25	1.0	06/10/19 17:29	
Ethylbenzene	ug/L	<0.22	1.0	06/10/19 17:29	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	06/10/19 17:29	
Toluene	ug/L	<0.17	5.0	06/10/19 17:29	
Xylene (Total)	ug/L	<1.5	3.0	06/10/19 17:29	
4-Bromofluorobenzene (S)	%	105	70-130	06/10/19 17:29	
Dibromofluoromethane (S)	%	111	70-130	06/10/19 17:29	
Toluene-d8 (S)	%	102	70-130	06/10/19 17:29	

LABORATORY CONTROL SAMPLE: 1880603

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	50	60.6	121	75-140	
Benzene	ug/L	50	55.0	110	70-130	
Ethylbenzene	ug/L	50	57.5	115	80-124	
Methyl-tert-butyl ether	ug/L	50	47.5	95	54-137	
Toluene	ug/L	50	53.3	107	80-126	
Xylene (Total)	ug/L	150	163	109	70-130	
4-Bromofluorobenzene (S)	%			111	70-130	
Dibromofluoromethane (S)	%			107	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1881177 1881178

Parameter	Units	40189033003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	66.8	50	50	104	100	74	67	75-140	4	20	M1
Benzene	ug/L	571	50	50	402	357	-338	-428	70-130	12	20	E,M1
Ethylbenzene	ug/L	30.8	50	50	76.0	68.2	90	75	80-125	11	20	M1
Methyl-tert-butyl ether	ug/L	<1.2	50	50	56.1	57.2	112	114	51-145	2	20	
Toluene	ug/L	12.7	50	50	61.4	58.9	97	92	80-131	4	20	
Xylene (Total)	ug/L	30.9	150	150	187	181	104	100	70-130	3	20	
4-Bromofluorobenzene (S)	%						113	113	70-130			
Dibromofluoromethane (S)	%						113	115	70-130			
Toluene-d8 (S)	%						103	101	70-130			

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.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: 5357 SCHLINSOG DAIRY
Pace Project No.: 40189033

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 LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

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 at or above the adjusted LOD.

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

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 5357 SCHLINSOG DAIRY
Pace Project No.: 40189033

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40189033001	**MW1**	EPA 8260	323797		
40189033002	**MW2**	EPA 8260	323797		
40189033003	**MW3**	EPA 8260	323797		
40189033004	**MW6**	EPA 8260	323797		

Pace Analytical
www.pacelabs.com

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of 1

CHAIN OF CUSTODY

40189033

(Please Print Clearly)	
Company Name:	REI
Branch/Location:	Wausau
Project Contact:	Dave Larsen
Phone:	715-675-9704
Project Number:	5357
Project Name:	Schlinsog dairy
Project State:	WI
Sampled By (Print):	Fletcher, Jake R.
Sampled By (Sign):	
PO #:	Regulatory Program:

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	
Mail To Contact:	Dave Larsen
Mail To Company:	REI
Mail To Address:	Dlarsen@REIengineering.com
Invoice To Contact:	SAA
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: PVOC	1-2 DCA	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	MW1	6 Jun 19	12:00	GW	N	B	X	X			
002	MW2	"	12:15	"	N	B	X	X			
003	MW3	"	11:45	"	N	B	X	X			
004	MW6	"	11:30	"	N	B	X	X			

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
	6/6/19 3:20pm		
	6-7-19 0915		6-7-19 0915

PACE Project No. 40189033

Receipt Temp = 2.0 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / ~~Not Present~~ Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Sample Preservation Receipt Form

Client Name: REI

Project # 40189033

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

Lab Lot# of pH paper:

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

Initial when completed:

Date/ Time:

	Glass							Plastic							Vials						Jars			General							
Pace Lab #	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3B	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T	ZPLC	GN	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																																	2.5 / 5 / 10
002																																	2.5 / 5 / 10
003																																	2.5 / 5 / 10
004																																	2.5 / 5 / 10
005																																	2.5 / 5 / 10
006																																	2.5 / 5 / 10
007																																	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, WI 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	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			GN:	

Pace Analytical™ 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)

Project #: WO#: 40189033

40189033

Client Name: REI

Courier: ☐ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☑ Waltco ☐ Client ☐ Pace Other: _____

Tracking #: 2078296

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 - N/A **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROI /Corr: _____

Temp Blank Present: ☐ yes ☑ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Person examining contents:
Date: 6-7-19
Initials: SCW

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD:	☐Yes ☑No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: W	☑Yes ☐No ☐N/A	12.
Trip Blank Present:	☐Yes ☑No ☐N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☑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: _____ **Date:** 6-7-19