



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

September 30, 2024

Russ Caveny  
Loves Park, City of  
5440 Walker Avenue  
Loves Park, IL 61111

RE: IL2010150

Dear Russ Caveny:

Please find enclosed the analytical results for the **8** sample(s) the laboratory received on **9/11/24 3:10 pm** and logged in under work order **H101900**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

Pace Analytical Services appreciates the opportunity to provide you with analytical expertise. We are always trying to improve our customer service and we welcome you to contact the General Manager, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or [lisa.grant@pacelabs.com](mailto:lisa.grant@pacelabs.com).

A handwritten signature in cursive script that reads "Janet Clutters".

Janet Clutters  
Project Manager  
(309) 692-9688 x1743  
[janet.clutters@pacelabs.com](mailto:janet.clutters@pacelabs.com)



**SAMPLE RECEIPT CHECK LIST**

Items not applicable will be marked as in compliance

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Work Order HI01900

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YES	Samples received within temperature compliance when applicable
YES	COC present upon sample receipt
YES	COC completed & legible
YES	Sampler name & signature present
YES	Unique sample IDs assigned
YES	Sample collection location recorded
YES	Date & time collected recorded on COC
YES	Relinquished by client signature on COC
YES	COC & labels match
YES	Sample labels are legible
YES	Appropriate bottle(s) received
YES	Sufficient sample volume received
YES	Sample containers received undamaged
NO	Zero headspace, <6 mm present in VOA vials
NO	Trip blank(s) received
YES	All non-field analyses received within holding times
NO	Short hold time analysis
YES	Current PDC COC submitted
NO	Case narrative provided



**ANALYTICAL RESULTS**

**Sample:** HI01900-01  
**Name:** 00002-TP 2 (WELL 3)- TP 2 FINISHED WATER  
**Reg ID:** IL2010150

**Sampled:** 09/09/24 11:00  
**Received:** 09/11/24 15:10  
**Matrix:** Drinking Water - FS

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>Semivolatile Organics - PFAS - PIA</b>									
PFTrDA	< 0.0070	ug/L		09/17/24 14:54	1	0.0070	09/18/24 13:41	MAB3	EPA 537.1 REV2
NETFOSAA	< 0.0050	ug/L		09/17/24 14:54	1	0.0050	09/18/24 13:41	MAB3	EPA 537.1 REV2
NMEFOSAA	< 0.0060	ug/L		09/17/24 14:54	1	0.0060	09/18/24 13:41	MAB3	EPA 537.1 REV2
PFTeDA	< 0.0080	ug/L		09/17/24 14:54	1	0.0080	09/18/24 13:41	MAB3	EPA 537.1 REV2
PFBA	< 0.0050	ug/L		09/16/24 14:34	1	0.0050	09/19/24 18:17	DJB	EPA 533
PFMPA	< 0.0040	ug/L		09/16/24 14:34	1	0.0040	09/19/24 18:17	DJB	EPA 533
PFPeA	< 0.0030	ug/L		09/16/24 14:34	1	0.0030	09/19/24 18:17	DJB	EPA 533
Surrogate: 13C2-PFHxA	90 %	70-130		09/17/24 14:54			09/18/24 13:41	MAB3	EPA 537.1 REV2*
PFBS	< 0.0030	ug/L		09/16/24 14:34	1	0.0030	09/19/24 18:17	DJB	EPA 533
Surrogate: 13C2-PFDA	88 %	70-130		09/17/24 14:54			09/18/24 13:41	MAB3	EPA 537.1 REV2*
PFMBA	< 0.0030	ug/L		09/16/24 14:34	1	0.0030	09/19/24 18:17	DJB	EPA 533
Surrogate: d5-NEtFOSAA	83 %	70-130		09/17/24 14:54			09/18/24 13:41	MAB3	EPA 537.1 REV2*
PFEESA	< 0.0030	ug/L		09/16/24 14:34	1	0.0030	09/19/24 18:17	DJB	EPA 533
Surrogate: 13C3-HFPO-DA	88 %	70-130		09/17/24 14:54			09/18/24 13:41	MAB3	EPA 537.1 REV2*
HFPO-DA	< 0.0050	ug/L		09/16/24 14:34	1	0.0050	09/19/24 18:17	DJB	EPA 533
NFDHA	< 0.020	ug/L		09/16/24 14:34	1	0.020	09/19/24 18:17	DJB	EPA 533
4:2 FTS	< 0.0030	ug/L		09/16/24 14:34	1	0.0030	09/19/24 18:17	DJB	EPA 533
PFHxS	< 0.0030	ug/L		09/16/24 14:34	1	0.0030	09/19/24 18:17	DJB	EPA 533
PFHpA	< 0.0030	ug/L		09/16/24 14:34	1	0.0030	09/19/24 18:17	DJB	EPA 533
PFHxA	< 0.0030	ug/L		09/16/24 14:34	1	0.0030	09/19/24 18:17	DJB	EPA 533
ADONA	< 0.0030	ug/L		09/16/24 14:34	1	0.0030	09/19/24 18:17	DJB	EPA 533
PFPeS	< 0.0040	ug/L		09/16/24 14:34	1	0.0040	09/19/24 18:17	DJB	EPA 533
6:2 FTS	< 0.0050	ug/L		09/16/24 14:34	1	0.0050	09/19/24 18:17	DJB	EPA 533
PFOA	< 0.0040	ug/L		09/16/24 14:34	1	0.0040	09/19/24 18:17	DJB	EPA 533
PFHpS	< 0.0030	ug/L		09/16/24 14:34	1	0.0030	09/19/24 18:17	DJB	EPA 533
PFOS	< 0.0040	ug/L		09/16/24 14:34	1	0.0040	09/19/24 18:17	DJB	EPA 533
PFNA	< 0.0040	ug/L		09/16/24 14:34	1	0.0040	09/19/24 18:17	DJB	EPA 533
9Cl-PF3ONS	< 0.0020	ug/L		09/16/24 14:34	1	0.0020	09/19/24 18:17	DJB	EPA 533
8:2 FTS	< 0.0050	ug/L		09/16/24 14:34	1	0.0050	09/19/24 18:17	DJB	EPA 533
PFDA	< 0.0030	ug/L		09/16/24 14:34	1	0.0030	09/19/24 18:17	DJB	EPA 533
PFUnA	< 0.0020	ug/L		09/16/24 14:34	1	0.0020	09/19/24 18:17	DJB	EPA 533
11Cl-PF3OUdS	< 0.0050	ug/L		09/16/24 14:34	1	0.0050	09/19/24 18:17	DJB	EPA 533
PFDoA	< 0.0030	ug/L		09/16/24 14:34	1	0.0030	09/19/24 18:17	DJB	EPA 533
Surrogate: 13C4-PFBA-SURR	96 %	50-200		09/16/24 14:34			09/19/24 18:17	DJB	EPA 533*



**ANALYTICAL RESULTS**

**Sample:** HI01900-01  
**Name:** 00002-TP 2 (WELL 3)- TP 2 FINISHED WATER  
**Reg ID:** IL2010150

**Sampled:** 09/09/24 11:00  
**Received:** 09/11/24 15:10  
**Matrix:** Drinking Water - FS

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Surrogate: 13C5-PFPeA-SURR	97 %	50-200		09/16/24 14:34			09/19/24 18:17	DJB	EPA 533*
Surrogate: 13C3-PFBS-SURR	105 %	50-200		09/16/24 14:34			09/19/24 18:17	DJB	EPA 533*
Surrogate: 13C2-4:2FTS-SURR	124 %	50-200		09/16/24 14:34			09/19/24 18:17	DJB	EPA 533*
Surrogate: 13C5-PFHxA-SURR	93 %	50-200		09/16/24 14:34			09/19/24 18:17	DJB	EPA 533*
Surrogate: 13C3-HFPOA-DA-SURR	85 %	50-200		09/16/24 14:34			09/19/24 18:17	DJB	EPA 533*
Surrogate: 13C4-PFHpA-SURR	88 %	50-200		09/16/24 14:34			09/19/24 18:17	DJB	EPA 533*
Surrogate: 13C3-PFHxS-SURR	101 %	50-200		09/16/24 14:34			09/19/24 18:17	DJB	EPA 533*
Surrogate: 13C2-6:2FTS-SURR	135 %	50-200		09/16/24 14:34			09/19/24 18:17	DJB	EPA 533*
Surrogate: 13C8-PFOA-SURR	83 %	50-200		09/16/24 14:34			09/19/24 18:17	DJB	EPA 533*
Surrogate: 13C9-PFNA-SURR	74 %	50-200		09/16/24 14:34			09/19/24 18:17	DJB	EPA 533*
Surrogate: 13C8-PFOS-SURR	102 %	50-200		09/16/24 14:34			09/19/24 18:17	DJB	EPA 533*
Surrogate: 13C2-8:2FTS-SURR	104 %	50-200		09/16/24 14:34			09/19/24 18:17	DJB	EPA 533*
Surrogate: 13C6-PFDA-SURR	64 %	50-200		09/16/24 14:34			09/19/24 18:17	DJB	EPA 533*
Surrogate: 13C7-PFUnA-SURR	66 %	50-200		09/16/24 14:34			09/19/24 18:17	DJB	EPA 533*
Surrogate: 13C2-PFDoA-SURR	73 %	50-200		09/16/24 14:34			09/19/24 18:17	DJB	EPA 533*
<b>Total Metals - PIA</b>									
Surrogate: Yttrium	94 %	60-125		09/19/24 07:06			09/25/24 10:39	TJJ	EPA 200.7 REV4.4*
Lithium	< 9.00	ug/L		09/19/24 07:06	2.5	9.00	09/25/24 10:39	TJJ	EPA 200.7 REV4.4*



ANALYTICAL RESULTS

Sample: HI01900-03
Name: 00003-TP 3-TP 3 FINISHED WATER
Reg ID: IL2010150

Sampled: 09/09/24 10:30
Received: 09/11/24 15:10
Matrix: Drinking Water - FS

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Rows include Semivolatile Organics - PFAS - PIA and various chemical compounds like PFTrDA, NETFOSAA, NMEFOSAA, etc.



**ANALYTICAL RESULTS**

**Sample:** HI01900-03  
**Name:** 00003-TP 3-TP 3 FINISHED WATER  
**Reg ID:** IL2010150

**Sampled:** 09/09/24 10:30  
**Received:** 09/11/24 15:10  
**Matrix:** Drinking Water - FS

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Surrogate: 13C5-PFPeA-SURR	94 %	50-200		09/16/24 14:34			09/19/24 18:43	DJB	EPA 533*
Surrogate: 13C3-PFBS-SURR	99 %	50-200		09/16/24 14:34			09/19/24 18:43	DJB	EPA 533*
Surrogate: 13C2-4:2FTS-SURR	113 %	50-200		09/16/24 14:34			09/19/24 18:43	DJB	EPA 533*
Surrogate: 13C5-PFHxA-SURR	87 %	50-200		09/16/24 14:34			09/19/24 18:43	DJB	EPA 533*
Surrogate: 13C3-HFPOA-DA-SURR	82 %	50-200		09/16/24 14:34			09/19/24 18:43	DJB	EPA 533*
Surrogate: 13C4-PFHpA-SURR	90 %	50-200		09/16/24 14:34			09/19/24 18:43	DJB	EPA 533*
Surrogate: 13C3-PFHxS-SURR	93 %	50-200		09/16/24 14:34			09/19/24 18:43	DJB	EPA 533*
Surrogate: 13C2-6:2FTS-SURR	126 %	50-200		09/16/24 14:34			09/19/24 18:43	DJB	EPA 533*
Surrogate: 13C8-PFOA-SURR	90 %	50-200		09/16/24 14:34			09/19/24 18:43	DJB	EPA 533*
Surrogate: 13C9-PFNA-SURR	90 %	50-200		09/16/24 14:34			09/19/24 18:43	DJB	EPA 533*
Surrogate: 13C8-PFOS-SURR	95 %	50-200		09/16/24 14:34			09/19/24 18:43	DJB	EPA 533*
Surrogate: 13C2-8:2FTS-SURR	99 %	50-200		09/16/24 14:34			09/19/24 18:43	DJB	EPA 533*
Surrogate: 13C6-PFDA-SURR	88 %	50-200		09/16/24 14:34			09/19/24 18:43	DJB	EPA 533*
Surrogate: 13C7-PFUnA-SURR	88 %	50-200		09/16/24 14:34			09/19/24 18:43	DJB	EPA 533*
Surrogate: 13C2-PFDoA-SURR	87 %	50-200		09/16/24 14:34			09/19/24 18:43	DJB	EPA 533*
<b>Total Metals - PIA</b>									
Surrogate: Yttrium	96 %	60-125		09/19/24 07:06			09/25/24 10:56	TJJ	EPA 200.7 REV4.4*
Lithium	< 9.00	ug/L		09/19/24 07:06	2.5	9.00	09/25/24 10:56	TJJ	EPA 200.7 REV4.4*



**ANALYTICAL RESULTS**

**Sample:** HI01900-05  
**Name:** 00005-TP 5 (WELL 5)-TP 5 FINISHED WATER  
**Reg ID:** IL2010150

**Sampled:** 09/09/24 11:25  
**Received:** 09/11/24 15:10  
**Matrix:** Drinking Water - FS

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>Semivolatile Organics - PFAS - PIA</b>									
PFTrDA	< 0.0070	ug/L		09/17/24 14:54	1	0.0070	09/18/24 14:25	MAB3	EPA 537.1 REV2
NETFOSAA	< 0.0050	ug/L		09/17/24 14:54	1	0.0050	09/18/24 14:25	MAB3	EPA 537.1 REV2
NMEFOSAA	< 0.0060	ug/L		09/17/24 14:54	1	0.0060	09/18/24 14:25	MAB3	EPA 537.1 REV2
PFTeDA	< 0.0080	ug/L		09/17/24 14:54	1	0.0080	09/18/24 14:25	MAB3	EPA 537.1 REV2
PFBA	< 0.0050	ug/L		09/16/24 14:34	1	0.0050	09/19/24 19:09	DJB	EPA 533
PFMPA	< 0.0040	ug/L		09/16/24 14:34	1	0.0040	09/19/24 19:09	DJB	EPA 533
PFPeA	< 0.0030	ug/L		09/16/24 14:34	1	0.0030	09/19/24 19:09	DJB	EPA 533
Surrogate: 13C2-PFHxA	89 %	70-130		09/17/24 14:54			09/18/24 14:25	MAB3	EPA 537.1 REV2*
PFBS	< 0.0030	ug/L		09/16/24 14:34	1	0.0030	09/19/24 19:09	DJB	EPA 533
Surrogate: 13C2-PFDA	87 %	70-130		09/17/24 14:54			09/18/24 14:25	MAB3	EPA 537.1 REV2*
PFMBA	< 0.0030	ug/L		09/16/24 14:34	1	0.0030	09/19/24 19:09	DJB	EPA 533
Surrogate: d5-NEtFOSAA	82 %	70-130		09/17/24 14:54			09/18/24 14:25	MAB3	EPA 537.1 REV2*
PFEESA	< 0.0030	ug/L		09/16/24 14:34	1	0.0030	09/19/24 19:09	DJB	EPA 533
Surrogate: 13C3-HFPO-DA	91 %	70-130		09/17/24 14:54			09/18/24 14:25	MAB3	EPA 537.1 REV2*
HFPO-DA	< 0.0050	ug/L		09/16/24 14:34	1	0.0050	09/19/24 19:09	DJB	EPA 533
NFDHA	< 0.020	ug/L		09/16/24 14:34	1	0.020	09/19/24 19:09	DJB	EPA 533
4:2 FTS	< 0.0030	ug/L		09/16/24 14:34	1	0.0030	09/19/24 19:09	DJB	EPA 533
PFHxS	< 0.0030	ug/L		09/16/24 14:34	1	0.0030	09/19/24 19:09	DJB	EPA 533
PFHpA	< 0.0030	ug/L		09/16/24 14:34	1	0.0030	09/19/24 19:09	DJB	EPA 533
PFHxA	< 0.0030	ug/L		09/16/24 14:34	1	0.0030	09/19/24 19:09	DJB	EPA 533
ADONA	< 0.0030	ug/L		09/16/24 14:34	1	0.0030	09/19/24 19:09	DJB	EPA 533
PFPeS	< 0.0040	ug/L		09/16/24 14:34	1	0.0040	09/19/24 19:09	DJB	EPA 533
6:2 FTS	< 0.0050	ug/L		09/16/24 14:34	1	0.0050	09/19/24 19:09	DJB	EPA 533
PFOA	< 0.0040	ug/L		09/16/24 14:34	1	0.0040	09/19/24 19:09	DJB	EPA 533
PFHpS	< 0.0030	ug/L		09/16/24 14:34	1	0.0030	09/19/24 19:09	DJB	EPA 533
PFOS	< 0.0040	ug/L		09/16/24 14:34	1	0.0040	09/19/24 19:09	DJB	EPA 533
PFNA	< 0.0040	ug/L		09/16/24 14:34	1	0.0040	09/19/24 19:09	DJB	EPA 533
9Cl-PF3ONS	< 0.0020	ug/L		09/16/24 14:34	1	0.0020	09/19/24 19:09	DJB	EPA 533
8:2 FTS	< 0.0050	ug/L		09/16/24 14:34	1	0.0050	09/19/24 19:09	DJB	EPA 533
PFDA	< 0.0030	ug/L		09/16/24 14:34	1	0.0030	09/19/24 19:09	DJB	EPA 533
PFUnA	< 0.0020	ug/L		09/16/24 14:34	1	0.0020	09/19/24 19:09	DJB	EPA 533
11Cl-PF3OUdS	< 0.0050	ug/L		09/16/24 14:34	1	0.0050	09/19/24 19:09	DJB	EPA 533
PFDaA	< 0.0030	ug/L		09/16/24 14:34	1	0.0030	09/19/24 19:09	DJB	EPA 533
Surrogate: 13C4-PFBA-SURR	96 %	50-200		09/16/24 14:34			09/19/24 19:09	DJB	EPA 533*



**ANALYTICAL RESULTS**

**Sample:** HI01900-05  
**Name:** 00005-TP 5 (WELL 5)-TP 5 FINISHED WATER  
**Reg ID:** IL2010150

**Sampled:** 09/09/24 11:25  
**Received:** 09/11/24 15:10  
**Matrix:** Drinking Water - FS

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Surrogate: 13C5-PFPeA-SURR	98 %	50-200		09/16/24 14:34			09/19/24 19:09	DJB	EPA 533*
Surrogate: 13C3-PFBS-SURR	102 %	50-200		09/16/24 14:34			09/19/24 19:09	DJB	EPA 533*
Surrogate: 13C2-4:2FTS-SURR	115 %	50-200		09/16/24 14:34			09/19/24 19:09	DJB	EPA 533*
Surrogate: 13C5-PFHxA-SURR	92 %	50-200		09/16/24 14:34			09/19/24 19:09	DJB	EPA 533*
Surrogate: 13C3-HFPOA-DA-SURR	86 %	50-200		09/16/24 14:34			09/19/24 19:09	DJB	EPA 533*
Surrogate: 13C4-PFHpA-SURR	93 %	50-200		09/16/24 14:34			09/19/24 19:09	DJB	EPA 533*
Surrogate: 13C3-PFHxS-SURR	99 %	50-200		09/16/24 14:34			09/19/24 19:09	DJB	EPA 533*
Surrogate: 13C2-6:2FTS-SURR	126 %	50-200		09/16/24 14:34			09/19/24 19:09	DJB	EPA 533*
Surrogate: 13C8-PFOA-SURR	94 %	50-200		09/16/24 14:34			09/19/24 19:09	DJB	EPA 533*
Surrogate: 13C9-PFNA-SURR	95 %	50-200		09/16/24 14:34			09/19/24 19:09	DJB	EPA 533*
Surrogate: 13C8-PFOS-SURR	104 %	50-200		09/16/24 14:34			09/19/24 19:09	DJB	EPA 533*
Surrogate: 13C2-8:2FTS-SURR	104 %	50-200		09/16/24 14:34			09/19/24 19:09	DJB	EPA 533*
Surrogate: 13C6-PFDA-SURR	93 %	50-200		09/16/24 14:34			09/19/24 19:09	DJB	EPA 533*
Surrogate: 13C7-PFUnA-SURR	91 %	50-200		09/16/24 14:34			09/19/24 19:09	DJB	EPA 533*
Surrogate: 13C2-PFDoA-SURR	90 %	50-200		09/16/24 14:34			09/19/24 19:09	DJB	EPA 533*
<b>Total Metals - PIA</b>									
Surrogate: Yttrium	97 %	60-125		09/19/24 07:06			09/25/24 10:57	TJJ	EPA 200.7 REV4.4*
Lithium	< 9.00	ug/L		09/19/24 07:06	2.5	9.00	09/25/24 10:57	TJJ	EPA 200.7 REV4.4*



**ANALYTICAL RESULTS**

**Sample:** HI01900-07  
**Name:** 00013-TP 13 (WELL 6)-TP 13 FINISHED WATER  
**Reg ID:** IL2010150

**Sampled:** 09/09/24 11:50  
**Received:** 09/11/24 15:10  
**Matrix:** Drinking Water - FS

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>Semivolatile Organics - PFAS - PIA</b>									
PFTrDA	< 0.0064	ug/L		09/17/24 14:54	1	0.0064	09/18/24 14:47	MAB3	EPA 537.1 REV2
NETFOSAA	< 0.0046	ug/L		09/17/24 14:54	1	0.0046	09/18/24 14:47	MAB3	EPA 537.1 REV2
NMEFOSAA	< 0.0055	ug/L		09/17/24 14:54	1	0.0055	09/18/24 14:47	MAB3	EPA 537.1 REV2
PFTeDA	< 0.0073	ug/L		09/17/24 14:54	1	0.0073	09/18/24 14:47	MAB3	EPA 537.1 REV2
PFBA	< 0.0047	ug/L		09/16/24 14:34	1	0.0047	09/19/24 19:35	DJB	EPA 533
PFMPA	< 0.0037	ug/L		09/16/24 14:34	1	0.0037	09/19/24 19:35	DJB	EPA 533
PFPeA	< 0.0028	ug/L		09/16/24 14:34	1	0.0028	09/19/24 19:35	DJB	EPA 533
Surrogate: 13C2-PFHxA	90 %	70-130		09/17/24 14:54			09/18/24 14:47	MAB3	EPA 537.1 REV2*
PFBS	< 0.0028	ug/L		09/16/24 14:34	1	0.0028	09/19/24 19:35	DJB	EPA 533
Surrogate: 13C2-PFDA	85 %	70-130		09/17/24 14:54			09/18/24 14:47	MAB3	EPA 537.1 REV2*
PFMBA	< 0.0028	ug/L		09/16/24 14:34	1	0.0028	09/19/24 19:35	DJB	EPA 533
Surrogate: d5-NEtFOSAA	84 %	70-130		09/17/24 14:54			09/18/24 14:47	MAB3	EPA 537.1 REV2*
PFEESA	< 0.0028	ug/L		09/16/24 14:34	1	0.0028	09/19/24 19:35	DJB	EPA 533
Surrogate: 13C3-HFPO-DA	88 %	70-130		09/17/24 14:54			09/18/24 14:47	MAB3	EPA 537.1 REV2*
HFPO-DA	< 0.0047	ug/L		09/16/24 14:34	1	0.0047	09/19/24 19:35	DJB	EPA 533
NFDHA	< 0.019	ug/L		09/16/24 14:34	1	0.019	09/19/24 19:35	DJB	EPA 533
4:2 FTS	< 0.0028	ug/L		09/16/24 14:34	1	0.0028	09/19/24 19:35	DJB	EPA 533
PFHxS	< 0.0028	ug/L		09/16/24 14:34	1	0.0028	09/19/24 19:35	DJB	EPA 533
PFHpA	< 0.0028	ug/L		09/16/24 14:34	1	0.0028	09/19/24 19:35	DJB	EPA 533
PFHxA	< 0.0028	ug/L		09/16/24 14:34	1	0.0028	09/19/24 19:35	DJB	EPA 533
ADONA	< 0.0028	ug/L		09/16/24 14:34	1	0.0028	09/19/24 19:35	DJB	EPA 533
PFPeS	< 0.0037	ug/L		09/16/24 14:34	1	0.0037	09/19/24 19:35	DJB	EPA 533
6:2 FTS	< 0.0047	ug/L		09/16/24 14:34	1	0.0047	09/19/24 19:35	DJB	EPA 533
PFOA	< 0.0037	ug/L		09/16/24 14:34	1	0.0037	09/19/24 19:35	DJB	EPA 533
PFHpS	< 0.0028	ug/L		09/16/24 14:34	1	0.0028	09/19/24 19:35	DJB	EPA 533
PFOS	< 0.0037	ug/L		09/16/24 14:34	1	0.0037	09/19/24 19:35	DJB	EPA 533
PFNA	< 0.0037	ug/L		09/16/24 14:34	1	0.0037	09/19/24 19:35	DJB	EPA 533
9CI-PF3ONS	< 0.0019	ug/L		09/16/24 14:34	1	0.0019	09/19/24 19:35	DJB	EPA 533
8:2 FTS	< 0.0047	ug/L		09/16/24 14:34	1	0.0047	09/19/24 19:35	DJB	EPA 533
PFDA	< 0.0028	ug/L		09/16/24 14:34	1	0.0028	09/19/24 19:35	DJB	EPA 533
PFUnA	< 0.0019	ug/L		09/16/24 14:34	1	0.0019	09/19/24 19:35	DJB	EPA 533
11CI-PF3OUdS	< 0.0047	ug/L		09/16/24 14:34	1	0.0047	09/19/24 19:35	DJB	EPA 533
PFDaA	< 0.0028	ug/L		09/16/24 14:34	1	0.0028	09/19/24 19:35	DJB	EPA 533
Surrogate: 13C4-PFBA-SURR	92 %	50-200		09/16/24 14:34			09/19/24 19:35	DJB	EPA 533*



**ANALYTICAL RESULTS**

**Sample:** HI01900-07  
**Name:** 00013-TP 13 (WELL 6)-TP 13 FINISHED WATER  
**Reg ID:** IL2010150

**Sampled:** 09/09/24 11:50  
**Received:** 09/11/24 15:10  
**Matrix:** Drinking Water - FS

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Surrogate: 13C5-PFPeA-SURR	94 %	50-200		09/16/24 14:34			09/19/24 19:35	DJB	EPA 533*
Surrogate: 13C3-PFBS-SURR	94 %	50-200		09/16/24 14:34			09/19/24 19:35	DJB	EPA 533*
Surrogate: 13C2-4:2FTS-SURR	112 %	50-200		09/16/24 14:34			09/19/24 19:35	DJB	EPA 533*
Surrogate: 13C5-PFHxA-SURR	90 %	50-200		09/16/24 14:34			09/19/24 19:35	DJB	EPA 533*
Surrogate: 13C3-HFPOA-DA-SURR	85 %	50-200		09/16/24 14:34			09/19/24 19:35	DJB	EPA 533*
Surrogate: 13C4-PFHpA-SURR	91 %	50-200		09/16/24 14:34			09/19/24 19:35	DJB	EPA 533*
Surrogate: 13C3-PFHxS-SURR	90 %	50-200		09/16/24 14:34			09/19/24 19:35	DJB	EPA 533*
Surrogate: 13C2-6:2FTS-SURR	113 %	50-200		09/16/24 14:34			09/19/24 19:35	DJB	EPA 533*
Surrogate: 13C8-PFOA-SURR	91 %	50-200		09/16/24 14:34			09/19/24 19:35	DJB	EPA 533*
Surrogate: 13C9-PFNA-SURR	92 %	50-200		09/16/24 14:34			09/19/24 19:35	DJB	EPA 533*
Surrogate: 13C8-PFOS-SURR	94 %	50-200		09/16/24 14:34			09/19/24 19:35	DJB	EPA 533*
Surrogate: 13C2-8:2FTS-SURR	96 %	50-200		09/16/24 14:34			09/19/24 19:35	DJB	EPA 533*
Surrogate: 13C6-PFDA-SURR	89 %	50-200		09/16/24 14:34			09/19/24 19:35	DJB	EPA 533*
Surrogate: 13C7-PFUnA-SURR	87 %	50-200		09/16/24 14:34			09/19/24 19:35	DJB	EPA 533*
Surrogate: 13C2-PFDoA-SURR	85 %	50-200		09/16/24 14:34			09/19/24 19:35	DJB	EPA 533*
<b>Total Metals - PIA</b>									
Surrogate: Yttrium	99 %	60-125		09/19/24 07:06			09/25/24 10:58	TJJ	EPA 200.7 REV4.4*
Lithium	< 9.00	ug/L		09/19/24 07:06	2.5	9.00	09/25/24 10:58	TJJ	EPA 200.7 REV4.4*



NOTES

Specifications regarding method revisions, method modifications, and calculations used for analysis are available upon request. Please contact your project manager.

\* Not a TNI accredited analyte

**Certifications**

CHI - McHenry, IL - 4314-A W. Crystal Lake Road, McHenry, IL 60050

TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL - 2231 W. Altorfer Drive, Peoria, IL 61615

TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553

Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870)

Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPMO - Springfield, MO - 1805 W Sunset Street, Springfield, MO 65807

USEPA DMR-QA Program

STL - Hazelwood, MO - 944 Anglum Rd, Hazelwood, MO 63042

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050

Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050



Certified by: Janet Clutters, Project Manager



# CHAIN-OF-CUSTODY UCMR5 / Analytical Request Document

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

#101908

**Section A**  
Required Client Information:

Company: LOVES PARK CITY OF IL  
 Address: 5440 WALKER AVE  
 LOVES PARK IL 61111  
 Email: RUSS@LOVESPARKWATER.COM  
 Phone: 815-391-3125 Fax: \_\_\_\_\_  
 Requested Due Date: \_\_\_\_\_

**Section B**  
Required Project Information:

Report To: RUSS CAVENY  
 Copy To: \_\_\_\_\_  
 Purchase Order #: \_\_\_\_\_  
 Project Name: LOVES PARK UCMR5  
 Project #: \_\_\_\_\_  
 PWS ID: IL2010150

**Section C**  
Invoice Information:

Attention: SAME  
 Company Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Pace Quote: \_\_\_\_\_  
 Pace Project Manager: Janet.Clutters@paceelabs.com  
 Pace Profile #: \_\_\_\_\_  
 BO#: \_\_\_\_\_

Regulatory Agency: \_\_\_\_\_  
 State / Location: \_\_\_\_\_

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique	MATRIX	CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives				Analyses Test	Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	OQS
						START DATE	START TIME			END DATE	END TIME	Unpreserved	Ammonium Acetate					
1	00001-TP 1-TP 1 FINISHED WATER	Drinking Water	DW	DW		005	005		9	4	1	4						
2	FRB - 00001- TP 1	Water	WT	W		005	005		4	2		2						
3	00002- TP 2 (WELL 3)-TP 2 FINISHED WATER	Waste Water	WW	DW		7-5-24	11:00 A		5	2	1	2						
4	FRB - 00002-TP 2	Product	P	W		9-9-24	11:00 A		4	2		2						
5	00003-TP 3- TP 3 FINISHED WATER	Soil/Solid	SS	DW		9-9-24	10:30 A		5	2	1	2						
6	FRB - 00003- TP3	Oil	OI	W		9-9-24	10:30 A		4	2		2						
7	00005-TP 5 (WELL 5)-TP 5 FINISHED WATER	Wipe	WI	DW		9-9-24	11:25 A		5	2	1	2						
8	FRB-00005-TP 5	Air	AR	W		9-9-24	11:25 A		4	2		2						
9	00013-TP 13 (WELL 6)-TP 6 FINISHED WATER	Other	OT	DW		9-9-24	11:50 A		5	2	1	2						
10	FRB-00013-TP 13	Tissue	TS	W		9-9-24	11:50 A		4	2		2						
11																		
12																		

**ADDITIONAL COMMENTS**  
 Prior to shipping, please refrigerate the samples for 4-6 hours immediately after sampling.  
 Please fill containers up to the bottom thread of the container cap.

**RELINQUISHED BY / AFFILIATION**  
 DATE: 9-10-24 TIME: 1510  
 SIGNATURE: [Signature]

**ACCEPTED BY / AFFILIATION**  
 DATE: 9-10-24 TIME: 10:26 A  
 SIGNATURE: [Signature]

**TEMP in C**  
 Received on Ice (Y/N)  
 Custody Sealed Cooler (Y/N)  
 Samples Intact (Y/N)

**WORK ORDER #:** H101900

**Project Manager:** JANET CUTTERS

**Client:** LOVES PARK

**Courier:**  FedEx  UPS  USPS  Client  Pace  Other

**Tracking #** \_\_\_\_\_

**Custody Seal:**  Yes  No **Seal Intact:**  Yes  No  N/A  Other **Ice:**  Yes  No

**Packing Material:**  Bubble Wrap  Bubble Bags  None  Other

**Comments**

Chain of Custody Present  Yes  No

Chain of Custody Completed  Yes  No

Relinquished & Sampler Signature  Yes  No

Samples Arrived within Hold Time  Yes  No

Sufficient Volume  Yes  No

Correct Containers Used  Yes  No

Containers Intact  Yes  No

Sample Labels match COC  Yes  No

Samples received  $\leq$ 48 hr from collection  Yes  No

If no, were samples kept  $\leq$ 6°C after 48 hrs of collection?  Yes  No

Person contacted for verification  Yes  No

**WORK ORDER #:** H101908

TEMPERATURE CHECK COMPLETED BY (INITIALS):  
 Date: 2/11/24 Time: 1300

msr

Today's Date is within 2 days of sample collection: YES NO (if NO, then contact the Project Manager Immediately)

**UCMRS: PART 1**

SELECT ONE BOTTLE FROM EACH METHOD

Bottles Received	IR Gun ID	IR Gun Correction Factor °C	Bottle Temp. with corr. factor °C	*Temp Received Same Day as Collected		Type of Ice	*Temp Received Within 2 Days of Collection		*Temp Received 48 Hrs Past Collection		Frozen		
				ON ICE	NO ICE		WET ICE	ICE PACKS	510°C YES	NO NA		56°C YES	NO NA
1 - Metals - P-250 ml, HNO3	NA	NA	NA	ON ICE	NO ICE	NA	WET ICE	ICE PACKS	510°C YES	NO NA	56°C YES	NO NA	NO YES
3 - 537.1 - P, 250 mL, Trizma	71	0	4.8	ON ICE	NO ICE	NA	WET ICE	ICE PACKS	510°C YES	NO NA	56°C YES	NO NA	NO YES
3 - 533 - P, 250ml, Ammonium Acetate (C2H7NO3)	71	0	5.3	ON ICE	NO ICE	NA	WET ICE	ICE PACKS	510°C YES	NO NA	56°C YES	NO NA	NO YES

**UCMRS: PART 2**

COMPLETE THIS SECTION IF THE FIRST BOTTLE WAS NOT ACCEPTABLE AND THERE IS A SECOND BOTTLE TO TEMP CHECK

Bottles Received	IR Gun ID	IR Gun Correction Factor °C	Bottle Temp. with corr. factor °C	*Temp Received Same Day as Collected		Type of Ice	*Temp Received Within 2 Days of Collection		*Temp Received 48 Hrs Past Collection		Frozen		
				ON ICE	NO ICE		WET ICE	ICE PACKS	510°C YES	NO NA		56°C YES	NO NA
3 - 537.1 - P, 250 mL, Trizma				ON ICE	NO ICE	NA	WET ICE	ICE PACKS	510°C YES	NO NA	56°C YES	NO NA	NO YES
3 - 533 - P, 250ml, Ammonium Acetate (C2H7NO3)				ON ICE	NO ICE	NA	WET ICE	ICE PACKS	510°C YES	NO NA	56°C YES	NO NA	NO YES

**UCMRS: PART 3**

COMPLETE THIS SECTION IF THE FIRST AND SECOND BOTTLE WERE NOT ACCEPTABLE AND THIRD BOTTLE IS AVAILABLE

Bottles Received	IR Gun ID	IR Gun Correction Factor °C	Bottle Temp. with corr. factor °C	*Temp Received Same Day as Collected		Type of Ice	*Temp Received Within 2 Days of Collection		*Temp Received 48 Hrs Past Collection		Frozen		
				ON ICE	NO ICE		WET ICE	ICE PACKS	510°C YES	NO NA		56°C YES	NO NA
3 - 537.1 - P, 250 mL, Trizma				ON ICE	NO ICE	NA	WET ICE	ICE PACKS	510°C YES	NO NA	56°C YES	NO NA	NO YES
3 - 533 - P, 250ml, Ammonium Acetate (C2H7NO3)				ON ICE	NO ICE	NA	WET ICE	ICE PACKS	510°C YES	NO NA	56°C YES	NO NA	NO YES

\*TEMPERATURE REQUIREMENTS BASED ON COLLECTION VS. RECEIVE DATE (ONLY 1 OF 3 CRITERIA WILL APPLY)  
 If a criteria does NOT apply, then circle NA.  
 NA = NOT APPLICABLE

**IMPORTANT:** Dispose of all bottles that are not within acceptable temperature. Notify the organics department or other trained personnel to proceed with Preservation checks the same day.  
 IF ANY CRITERIA ABOVE ARE CIRCLED IN RED THE BOTTLE MUST BE REJECTED FOR UCMRS REGULATORY COMPLIANCE. NOTIFY THE PM IMMEDIATELY IF ALL OF THE BOTTLES ARE UNACCEPTABLE!

NOTES:

**WORK ORDER #:** H1019075

**PRESERVATION CHECK COMPLETED BY (INITIALS):** MSK

**Date:** 9/11/24

**Today's Date is within 2 days of sample collection:** YES NO (If NO, then contact the Project Manager Immediately)

**pH strip vendor/lot # (2):** HC311850 **pH strip vendor/lot # (6-8):** HC323770 **Chlorine strip vendor/lot #:** 012X310-KK

UCMRS - PART 1 (Print or Circled)	Each Bottle	Color	Result	Range	Result	Chlorine Strip	Result	Chlorine Strip
533 - P, 250ml, Ammonium Acetate (C2H7NO3)	D1A	7-0	6.0-8.0 YES NO*	*	NO** YES			
533 - P, 250ml, Ammonium Acetate (C2H7NO3)	D1B	7-0	6.0-8.0 YES NO*	*	NO** YES			
533 - P, 250ml, Ammonium Acetate (C2H7NO3)	D3A	6.5	6.0-8.0 YES NO*	*	NO** YES			
537.1 - P, 250 ml, Trizma	D1E	6.5	6.0-8.0 YES NO*	*	NO** YES			
537.1 - P, 250 ml, Trizma	D1C	7-0	6.0-8.0 YES NO		NO** YES			
537.1 - P, 250 ml, Trizma	D1D	7-0	6.0-8.0 YES NO		NO** YES			
537.1 - P, 250 ml, Trizma	D3C	7-0	6.0-8.0 YES NO		NO** YES			
537.1 - P, 250 ml, Trizma	D3D	7-0	6.0-8.0 YES NO		NO** YES			
Metals -P, 250 ml, HNO3	D1E	1.0	<2 YES NO		NO** YES			

**IMPORTANT:**  
 IF ANY CRITERIA ABOVE ARE CIRCLED IN RED OR THE CHLORINE IS GREATER THAN 0.1 mg/L, THE BOTTLE MUST BE REJECTED FOR UCMRS REGULATORY COMPLIANCE.  
 NOTIFY THE PM IMMEDIATELY IF ALL OF THE BOTTLES ARE UNACCEPTABLE!

WORK ORDER #: #1019075

PRESERVATION CHECK COMPLETED BY (INITIALS): MJK  
Date: 9/11/24

Today's Date is within 2 days of sample collection: YES NO (If NO, then contact the Project Manager Immediately)  
 pH strip vendor/lot # (c-2): HC311850 pH strip vendor/lot # (6-8j): HC323770 Chlorine strip vendor/lot # 012X310-KK

UCMBRS PART # PRESERVE CODE (C-2)	PH STRIP	PH	6.0-8.0	YES	NO*	*	NO**	YES	NO**	YES
533 - P, 250ml, Ammonium Acetate (C2H7NO3)	05A	6.5	6.0-8.0	<input checked="" type="radio"/> YES	<input type="radio"/> NO*	*	NO**	<input checked="" type="radio"/> YES		
533 - P, 250ml, Ammonium Acetate (C2H7NO3)	05B	6.5	6.0-8.0	<input checked="" type="radio"/> YES	<input type="radio"/> NO*	*	NO**	<input checked="" type="radio"/> YES		
533 - P, 250ml, Ammonium Acetate (C2H7NO3)	07A	6.5	6.0-8.0	<input checked="" type="radio"/> YES	<input type="radio"/> NO*	*	NO**	<input checked="" type="radio"/> YES		
537.1 - P, 250 ml, Trizma	07B	6.5	6.0-8.0	<input checked="" type="radio"/> YES	<input type="radio"/> NO*	*	NO**	<input checked="" type="radio"/> YES		
537.1 - P, 250 ml, Trizma	05C	7.0	6.0-8.0	<input checked="" type="radio"/> YES	<input type="radio"/> NO		NO**	<input checked="" type="radio"/> YES		
537.1 - P, 250 ml, Trizma	05D	7.0	6.0-8.0	<input checked="" type="radio"/> YES	<input type="radio"/> NO		NO**	<input checked="" type="radio"/> YES		
537.1 - P, 250 ml, Trizma	07D	7.0	6.0-8.0	<input checked="" type="radio"/> YES	<input type="radio"/> NO		NO**	<input checked="" type="radio"/> YES		
537.1 - P, 250 ml, Trizma	07C	7.5	6.0-8.0	<input checked="" type="radio"/> YES	<input type="radio"/> NO		NO**	<input checked="" type="radio"/> YES		
Metals - P, 250 ml, HNO3	03E	1.0	<2	<input checked="" type="radio"/> YES	<input type="radio"/> NO		NO**	<input checked="" type="radio"/> YES		

IMPORTANT: IF ANY CRITERIA ABOVE ARE CIRCLED IN RED OR THE CHLORINE IS GREATER THAN 0.1 mg/L, THE BOTTLE MUST BE REJECTED FOR UCMBRS REGULATORY COMPLIANCE.  
 NOTIFY THE PM IMMEDIATELY IF ALL OF THE BOTTLES ARE UNACCEPTABLE!

WORK ORDER #: #1019075

PRESERVATION CHECK COMPLETED BY (INITIALS): MSK  
 Date: 9/11/24

Today's Date is within 2 days of sample collection: YES NO (If NO, then contact the Project Manager Immediately)

pH strip vendor/lot # (4-): HC311850 pH strip vendor/lot # (6-8): HC323779 Chlorine strip vendor/lot # 012X310-KK

Chemical	Volume	Concentration	6.0-8.0	YES	NO*	*	NO**	YES
533 - P, 250ml, Ammonium Acetate (C2H7NO3)			6.0-8.0	YES	NO*	*	NO**	YES
533 - P, 250ml, Ammonium Acetate (C2H7NO3)			6.0-8.0	YES	NO*	*	NO**	YES
533 - P, 250ml, Ammonium Acetate (C2H7NO3)			6.0-8.0	YES	NO*	*	NO**	YES
537.1 - P, 250 ml, Trizma			6.0-8.0	YES	NO*	*	NO**	YES
537.1 - P, 250 ml, Trizma			6.0-8.0	YES	NO		NO**	YES
537.1 - P, 250 ml, Trizma			6.0-8.0	YES	NO		NO**	YES
Metals -P, 250 ml, HNO3			6.0-8.0	YES	NO		NO**	YES

IMPORTANT: IF ANY CRITERIA ABOVE ARE CIRCLED IN RED OR THE CHLORINE IS GREATER THAN 0.1 mg/L, THE BOTTLE MUST BE REJECTED FOR UCMRS REGULATORY COMPLIANCE. NOTIFY THE PM IMMEDIATELY IF ALL OF THE BOTTLES ARE UNACCEPTABLE!

**WORK ORDER #:** #1019075

**PRESERVATION CHECK COMPLETED BY (INITIALS):** M-JL  
**Date:** 9/11/24

**Today's Date is within 2 days of sample collection:** YES NO (If NO, then contact the Project Manager Immediately)  
**pH strip vendor/lot # (2):** HC311850 **pH strip vendor/lot # (6-8):** HC323779 **Chlorine strip vendor/lot #** 012X310-KK

Chemical	Volume	Vendor/Lot	6.0-8.0	YES	NO*	NO**	YES
533 - P, 250ml, Ammonium Acetate (C2H7NO3)			6.0-8.0	YES	NO*	NO**	YES
533 - P, 250ml, Ammonium Acetate (C2H7NO3)			6.0-8.0	YES	NO*	NO**	YES
533 - P, 250ml, Ammonium Acetate (C2H7NO3)			6.0-8.0	YES	NO*	NO**	YES
537.1 - P, 250 ml, Trizma			6.0-8.0	YES	NO*	NO**	YES
537.1 - P, 250 ml, Trizma			6.0-8.0	YES	NO*	NO**	YES
537.1 - P, 250 ml, Trizma			6.0-8.0	YES	NO*	NO**	YES
Metals - P, 250 ml, HNO3			6.0-8.0	YES	NO*	NO**	YES

**IMPORTANT:** IF ANY CRITERIA ABOVE ARE CIRCLED IN RED OR THE CHLORINE IS GREATER THAN 0.1 mg/L, THE BOTTLE MUST BE REJECTED FOR UCMRS REGULATORY COMPLIANCE.  
 NOTIFY THE PM IMMEDIATELY IF ALL OF THE BOTTLES ARE UNACCEPTABLE!

**SUBCONTRACT ORDER**  
**Transfer Chain of Custody**

**Pace Analytical Services, LLC**

**HI01900**

CJ  
9/17/24

**SENDING LABORATORY**

Pace Analytical Services, LLC  
4314-A Crystal Lake Road  
McHenry, IL 60050  
(815)344-4044

**RECEIVING LABORATORY**

Pace Analytical Services, LLC - Peoria  
2231 W Altorfer Dr  
Peoria, IL 61615  
(309) 692-9688

**Sample: HI01900-01**  
**Name: 00002-TP 2 (WELL 3)- TP 2 FINISHED**

**Sampled: 09/09/24 11:00**  
**Matrix: Drinking Water**  
**Preservative: Cool <10**

<b>Analysis</b>	<b>Due</b>	<b>Expires</b>	<b>Comments</b>
M533 UCMR5	09/24/24 16:00	10/07/24 11:00	
M537.1 UCMR5	09/24/24 16:00	09/23/24 11:00	
UCMR 5 Lithium	09/24/24 16:00	10/24/24 11:00	

**Sample: HI01900-02**  
**Name: FRB-00002- TP 2**

**Sampled: 09/09/24 11:00**  
**Matrix: Water**  
**Preservative: Cool <10**

<b>Analysis</b>	<b>Due</b>	<b>Expires</b>	<b>Comments</b>
M533 UCMR5	09/24/24 16:00	10/07/24 11:00	
M537.1 UCMR5	09/24/24 16:00	09/23/24 11:00	

**Sample: HI01900-03**  
**Name: 00003-TP 3-TP 3 FINISHED WATER**

**Sampled: 09/09/24 10:30**  
**Matrix: Drinking Water**  
**Preservative: Cool <10**

<b>Analysis</b>	<b>Due</b>	<b>Expires</b>	<b>Comments</b>
M533 UCMR5	09/24/24 16:00	10/07/24 10:30	
M537.1 UCMR5	09/24/24 16:00	09/23/24 10:30	
UCMR 5 Lithium	09/24/24 16:00	10/24/24 10:30	

**Sample: HI01900-04**  
**Name: FRB-00003- TP 3**

**Sampled: 09/09/24 10:30**  
**Matrix: Water**  
**Preservative: Cool <10**

<b>Analysis</b>	<b>Due</b>	<b>Expires</b>	<b>Comments</b>
M533 UCMR5	09/24/24 16:00	10/07/24 10:30	
M537.1 UCMR5	09/24/24 16:00	09/23/24 10:30	

**SUBCONTRACT ORDER**  
**Transfer Chain of Custody**  
**Pace Analytical Services, LLC**  
**HI01900**

CJ  
 9/17/24

**SENDING LABORATORY**

Pace Analytical Services, LLC  
 4314-A Crystal Lake Road  
 McHenry, IL 60050  
 (815)344-4044

**RECEIVING LABORATORY**

Pace Analytical Services, LLC - Peoria  
 2231 W Altorfer Dr  
 Peoria, IL 61615  
 (309) 692-9688

**Sample: HI01900-05**  
**Name: 00005-TP 5 (WELL 5)-TP 5 FINISHED**

**Sampled: 09/09/24 11:25**  
**Matrix: Drinking Water**  
**Preservative: Cool <10**

Analysis	Due	Expires	Comments
M533 UCMR5	09/24/24 16:00	10/07/24 11:25	
M537.1 UCMR5	09/24/24 16:00	09/23/24 11:25	
UCMR 5 Lithium	09/24/24 16:00	10/24/24 11:25	

**Sample: HI01900-06**  
**Name: FRB-00005- TP 5**

**Sampled: 09/09/24 11:25**  
**Matrix: Water**  
**Preservative: Cool <10**

Analysis	Due	Expires	Comments
M533 UCMR5	09/24/24 16:00	10/07/24 11:25	
M537.1 UCMR5	09/24/24 16:00	09/23/24 11:25	

**Sample: HI01900-07**  
**Name: 00013-TP 13 (WELL 6)-TP 13 FINISHE**

**Sampled: 09/09/24 11:50**  
**Matrix: Drinking Water**  
**Preservative: Cool <10**

Analysis	Due	Expires	Comments
M533 UCMR5	09/24/24 16:00	10/07/24 11:50	
M537.1 UCMR5	09/24/24 16:00	09/23/24 11:50	
UCMR 5 Lithium	09/24/24 16:00	10/24/24 11:50	

**Sample: HI01900-08**  
**Name: FRB-00013- TP 13**

**Sampled: 09/09/24 11:50**  
**Matrix: Water**  
**Preservative: Cool <10**

Analysis	Due	Expires	Comments
M533 UCMR5	09/24/24 16:00	10/07/24 11:50	
M537.1 UCMR5	09/24/24 16:00	09/23/24 11:50	

**SUBCONTRACT ORDER**  
**Transfer Chain of Custody**

**Pace Analytical Services, LLC**

**HI01900**

CJ

9/17/24

IR Gun # 13 Correction Factor (Deg C) +0.2  
Observed Temp (Deg C) 0.4 Corrected Temp (Deg C) 0.6  
Delivery Method: FedEx UPS Walk-in USPS  Other

Please email results to Janet Clutters at [janet.clutters@pacelabs.com](mailto:janet.clutters@pacelabs.com)

Date Shipped: 9-12-24 Total # of Containers: (36) CEP Sample Origin (State): IL PO #: \_\_\_\_\_

Turn-Around Time Requested  NORMAL  RUSH Date Results Needed: \_\_\_\_\_

<u>[Signature]</u>	<u>9-12-24 1000</u>	<u>[Signature]</u>	<u>9-12 1130</u>	Sample Temperature Upon Receipt	_____ °C
Relinquished By	Date/Time	Received By	Date/Time	Sample(s) Received on Ice	<input checked="" type="radio"/> Y or N
<u>[Signature]</u>	<u>9-12 1640</u>	<u>Gordon-Bonetto</u>	<u>9-13-24 0700</u>	Proper Bottles Received in Good Condition	<input checked="" type="radio"/> Y or N
Relinquished By	Date/Time	Received By	Date/Time	Bottles Filled with Adequate Volume	<input checked="" type="radio"/> Y or N
				Samples Received Within Hold Time	<input checked="" type="radio"/> Y or N
				Date/Time Taken From Sample Bottle	<input checked="" type="radio"/> Y or N