

May 31, 2022

Keith Gadway  
Quantum Environmental  
4111 Jackson Road  
Ann Arbor, MI 48103

RE: Project: 14-Dx  
Pace Project No.: 35718539

Dear Keith Gadway:

Enclosed are the analytical results for sample(s) received by the laboratory on May 18, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Ormond Beach

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

Sincerely,



Bill White  
bill.white@pacelabs.com  
(386) 672-5668  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 14-Dx  
Pace Project No.: 35718539

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### **Pace Analytical Services Ormond Beach**

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

Florida Certification #: E83079

Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity

Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383

Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity

Louisiana Environmental Certificate #: 05007

Maine Certification #: FL01264

Maryland Certification: #346

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236

Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14

New Hampshire Certification #: 2958

New Jersey Certification #: FL022

New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710

North Dakota Certification #: R-216

Ohio DEP 87780

Oklahoma Certification #: D9947

Pennsylvania Certification #: 68-00547

Puerto Rico Certification #: FL01264

South Carolina Certification: #96042001

Tennessee Certification #: TN02974

Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Virginia Environmental Certification #: 460165

West Virginia Certification #: 9962C

Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

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## SAMPLE SUMMARY

Project: 14-Dx  
Pace Project No.: 35718539

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35718539001	1534 COVENTRY	Water	05/16/22 05:30	05/18/22 11:30
35718539002	3622 LAMPLIGHTER	Water	05/16/22 05:30	05/18/22 11:30
35718539003	2600 ROSELAND	Water	05/16/22 05:30	05/18/22 11:30
35718539004	2903 CRAIG	Water	05/16/22 05:30	05/18/22 11:30
35718539005	2828 LAURENTIDE	Water	05/16/22 05:30	05/18/22 11:30
35718539006	3350 CRAIG	Water	05/16/22 05:30	05/18/22 11:30
35718539007	3780 MILLER	Water	05/16/22 05:30	05/18/22 11:30
35718539008	3660 MILLER	Water	05/16/22 05:30	05/18/22 11:30
35718539009	4643 PRATT	Water	05/16/22 05:30	05/18/22 11:30
35718539010	3527 BRADFORD SQ	Water	05/16/22 05:30	05/18/22 11:30
35718539011	3141 N. WAGNER	Water	05/16/22 05:30	05/18/22 11:30
35718539012	3425 ROBINWOOD	Water	05/16/22 05:30	05/18/22 11:30
35718539013	3377 CRAIG	Water	05/16/22 05:30	05/18/22 11:30
35718539014	3968 DEXTER	Water	05/16/22 05:30	05/18/22 11:30
35718539015	4350 STONE MEADOW	Water	05/16/22 05:30	05/18/22 11:30
35718539016	3543 MILIER	Water	05/16/22 05:30	05/18/22 11:30
35718539017	1305 COVENTRY	Water	05/16/22 05:30	05/18/22 11:30
35718539018	1128 COVENTRY	Water	05/16/22 05:30	05/18/22 11:30
35718539019	3233 CRAIG	Water	05/16/22 05:30	05/18/22 11:30
35718539020	3555 PRATT	Water	05/16/22 05:30	05/18/22 11:30
35718539021	3480 COTTONTAIL	Water	05/16/22 05:30	05/18/22 11:30
35718539022	2553 THORNAPPLE	Water	05/16/22 05:30	05/18/22 11:30
35718539023	3228 COTTONTAIL CT.	Water	05/16/22 05:30	05/18/22 11:30
35718539024	3350 ROBINWOOD	Water	05/16/22 05:30	05/18/22 11:30
35718539025	3586 BRADFORD SQ.	Water	05/16/22 05:30	05/18/22 11:30
35718539026	3435-S MILLER	Water	05/16/22 05:30	05/18/22 11:30
35718539027	3435 MILLER	Water	05/16/22 05:30	05/18/22 11:30
35718539028	2205 STONE VALLEY	Water	05/16/22 05:30	05/18/22 11:30
35718539030	2810 PARKRIDGE	Water	05/16/22 05:30	05/18/22 11:30

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### SAMPLE ANALYTE COUNT

Project: 14-Dx  
Pace Project No.: 35718539

Lab ID	Sample ID	Method	Analysts	Analytes Reported
35718539001	1534 COVENTRY	EPA 522	PFG	2
35718539002	3622 LAMPLIGHTER	EPA 522	PFG	2
35718539003	2600 ROSELAND	EPA 522	PFG	2
35718539004	2903 CRAIG	EPA 522	PFG	2
35718539005	2828 LAURENTIDE	EPA 522	PFG	2
35718539006	3350 CRAIG	EPA 522	PFG	2
35718539007	3780 MILLER	EPA 522	PFG	2
35718539008	3660 MILLER	EPA 522	PFG	2
35718539009	4643 PRATT	EPA 522	PFG	2
35718539010	3527 BRADFORD SQ	EPA 522	PFG	2
35718539011	3141 N. WAGNER	EPA 522	PFG	2
35718539012	3425 ROBINWOOD	EPA 522	PFG	2
35718539013	3377 CRAIG	EPA 522	PFG	2
35718539014	3968 DEXTER	EPA 522	PFG	2
35718539015	4350 STONE MEADOW	EPA 522	PFG	2
35718539016	3543 MILIER	EPA 522	PFG	2
35718539017	1305 COVENTRY	EPA 522	PFG	2
35718539018	1128 COVENTRY	EPA 522	PFG	2
35718539019	3233 CRAIG	EPA 522	PFG	2
35718539020	3555 PRATT	EPA 522	PFG	2
35718539021	3480 COTTONTAIL	EPA 522	PFG	2
35718539022	2553 THORNAPPLE	EPA 522	PFG	2
35718539023	3228 COTTONTAIL CT.	EPA 522	PFG	2
35718539024	3350 ROBINWOOD	EPA 522	PFG	2
35718539025	3586 BRADFORD SQ.	EPA 522	PFG	2
35718539026	3435-S MILLER	EPA 522	PFG	2
35718539027	3435 MILLER	EPA 522	PFG	2
35718539028	2205 STONE VALLEY	EPA 522	PFG	2
35718539030	2810 PARKRIDGE	EPA 522	PFG	2

PASI-O = Pace Analytical Services - Ormond Beach

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### ANALYTICAL RESULTS

Project: 14-Dx  
Pace Project No.: 35718539

<b>Sample: 1534 COVENTRY</b>									
		<b>Lab ID: 35718539001</b>	Collected: 05/16/22 05:30		Received: 05/18/22 11:30		Matrix: Water		
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>522 MSS 1,4 Dioxane</b>									
Analytical Method: EPA 522 Preparation Method: EPA 522 Pace Analytical Services - Ormond Beach									
1,4-Dioxane (p-Dioxane)	<0.12	ug/L	0.20	0.12	1	05/24/22 20:02	05/25/22 19:54	123-91-1	1p
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	90	%	70-130		1	05/24/22 20:02	05/25/22 19:54		

<b>Sample: 3622 LAMPLIGHTER</b>									
		<b>Lab ID: 35718539002</b>	Collected: 05/16/22 05:30		Received: 05/18/22 11:30		Matrix: Water		
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>522 MSS 1,4 Dioxane</b>									
Analytical Method: EPA 522 Preparation Method: EPA 522 Pace Analytical Services - Ormond Beach									
1,4-Dioxane (p-Dioxane)	<0.12	ug/L	0.20	0.12	1	05/24/22 20:02	05/25/22 20:10	123-91-1	1p
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	90	%	70-130		1	05/24/22 20:02	05/25/22 20:10		

<b>Sample: 2600 ROSELAND</b>									
		<b>Lab ID: 35718539003</b>	Collected: 05/16/22 05:30		Received: 05/18/22 11:30		Matrix: Water		
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>522 MSS 1,4 Dioxane</b>									
Analytical Method: EPA 522 Preparation Method: EPA 522 Pace Analytical Services - Ormond Beach									
1,4-Dioxane (p-Dioxane)	<0.12	ug/L	0.20	0.12	1	05/24/22 20:02	05/25/22 20:26	123-91-1	1p
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	91	%	70-130		1	05/24/22 20:02	05/25/22 20:26		

<b>Sample: 2903 CRAIG</b>									
		<b>Lab ID: 35718539004</b>	Collected: 05/16/22 05:30		Received: 05/18/22 11:30		Matrix: Water		
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>522 MSS 1,4 Dioxane</b>									
Analytical Method: EPA 522 Preparation Method: EPA 522 Pace Analytical Services - Ormond Beach									
1,4-Dioxane (p-Dioxane)	<0.12	ug/L	0.20	0.12	1	05/24/22 20:02	05/25/22 20:42	123-91-1	1p
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	91	%	70-130		1	05/24/22 20:02	05/25/22 20:42		

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### ANALYTICAL RESULTS

Project: 14-Dx  
Pace Project No.: 35718539

Sample: 2828 LAURENTIDE      Lab ID: 35718539005      Collected: 05/16/22 05:30      Received: 05/18/22 11:30      Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>522 MSS 1,4 Dioxane</b>									
Analytical Method: EPA 522    Preparation Method: EPA 522 Pace Analytical Services - Ormond Beach									
1,4-Dioxane (p-Dioxane)	<0.12	ug/L	0.20	0.12	1	05/24/22 20:02	05/25/22 20:58	123-91-1	1p
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	86	%	70-130		1	05/24/22 20:02	05/25/22 20:58		

Sample: 3350 CRAIG      Lab ID: 35718539006      Collected: 05/16/22 05:30      Received: 05/18/22 11:30      Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>522 MSS 1,4 Dioxane</b>									
Analytical Method: EPA 522    Preparation Method: EPA 522 Pace Analytical Services - Ormond Beach									
1,4-Dioxane (p-Dioxane)	0.70	ug/L	0.20	0.12	1	05/24/22 20:02	05/25/22 21:14	123-91-1	1p
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	90	%	70-130		1	05/24/22 20:02	05/25/22 21:14		

Sample: 3780 MILLER      Lab ID: 35718539007      Collected: 05/16/22 05:30      Received: 05/18/22 11:30      Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>522 MSS 1,4 Dioxane</b>									
Analytical Method: EPA 522    Preparation Method: EPA 522 Pace Analytical Services - Ormond Beach									
1,4-Dioxane (p-Dioxane)	<0.12	ug/L	0.20	0.12	1	05/24/22 20:02	05/25/22 21:30	123-91-1	1p
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	91	%	70-130		1	05/24/22 20:02	05/25/22 21:30		

Sample: 3660 MILLER      Lab ID: 35718539008      Collected: 05/16/22 05:30      Received: 05/18/22 11:30      Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>522 MSS 1,4 Dioxane</b>									
Analytical Method: EPA 522    Preparation Method: EPA 522 Pace Analytical Services - Ormond Beach									
1,4-Dioxane (p-Dioxane)	<0.12	ug/L	0.20	0.12	1	05/24/22 20:02	05/25/22 21:47	123-91-1	1p
<b>Surrogates</b>									
1,4-Dioxane-d8 (S)	90	%	70-130		1	05/24/22 20:02	05/25/22 21:47		

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