

June 30, 2022

Stuart Hall
Entrada Consulting Group, Inc.
330 Grand Avenue
Unit C
Grand Junction, CO 81501

RE: Project: HCWTF Q2
Pace Project No.: 60403546

Dear Stuart Hall:

Enclosed are the analytical results for sample(s) received by the laboratory on June 16, 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 - Kansas City

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

Sincerely,



Heather Wilson
heather.wilson@pacelabs.com
1(913)563-1407
Project Manager

Enclosures

cc: J Dilka, Entrada Consulting Group
M Kasten, Entrada Consulting Group



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: HCWTF Q2

Pace Project No.: 60403546

Pace Analytical Services Kansas

9608 Loiret Boulevard, Lenexa, KS 66219

Missouri Inorganic Drinking Water Certification #: 10090

Arkansas Drinking Water

Arkansas Certification #: 20-020-0

Arkansas Drinking Water

Illinois Certification #: 2000302021-3

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212020-2

Oklahoma Certification #: 9205/9935

Florida: Cert E871149 SEKS WET

Texas Certification #: T104704407-21-15

Utah Certification #: KS000212019-9

Illinois Certification #: 004592

Kansas Field Laboratory Accreditation: # E-92587

Missouri SEKS Micro Certification: 10070

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: HCWTF Q2

Pace Project No.: 60403546

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60403546001	HC	Water	06/15/22 09:15	06/16/22 08:35
60403546002	MW 5	Water	06/15/22 11:15	06/16/22 08:35
60403546003	MW 9	Water	06/15/22 11:05	06/16/22 08:35
60403546004	MW 6	Water	06/15/22 11:00	06/16/22 08:35
60403546005	MW 11	Water	06/15/22 10:50	06/16/22 08:35
60403546006	MW 7	Water	06/15/22 10:45	06/16/22 08:35
60403546007	MW 8	Water	06/15/22 10:30	06/16/22 08:35
60403546008	MW 10	Water	06/15/22 10:15	06/16/22 08:35
60403546009	MW 3	Water	06/15/22 09:25	06/16/22 08:35
60403546010	MW 12	Water	06/15/22 10:00	06/16/22 08:35
60403546011	P4S	Water	06/15/22 09:50	06/16/22 08:35
60403546012	MW 1	Water	06/15/22 09:40	06/16/22 08:35
60403546013	BC	Water	06/15/22 12:10	06/16/22 08:35

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: HCWTF Q2
Pace Project No.: 60403546

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60403546001	HC	EPA 5030B/8260	PGH	11	PASI-K
		SM 2540C	SK	1	PASI-K
		EPA 9056	KB	2	PASI-K
60403546002	MW 5	EPA 5030B/8260	PGH	11	PASI-K
		SM 2540C	SK	1	PASI-K
		EPA 9056	KB	2	PASI-K
60403546003	MW 9	EPA 5030B/8260	PGH	11	PASI-K
		SM 2540C	SK	1	PASI-K
		EPA 9056	KB	2	PASI-K
60403546004	MW 6	EPA 5030B/8260	PGH	11	PASI-K
		SM 2540C	SK	1	PASI-K
		EPA 9056	KB	2	PASI-K
60403546005	MW 11	EPA 5030B/8260	PGH	11	PASI-K
		SM 2540C	SK	1	PASI-K
		EPA 9056	KB	2	PASI-K
60403546006	MW 7	EPA 5030B/8260	PGH	11	PASI-K
		SM 2540C	SK	1	PASI-K
		EPA 9056	KB	2	PASI-K
60403546007	MW 8	EPA 5030B/8260	PGH	11	PASI-K
		SM 2540C	SK	1	PASI-K
		EPA 9056	KB	2	PASI-K
60403546008	MW 10	EPA 5030B/8260	PGH	11	PASI-K
		SM 2540C	SK	1	PASI-K
		EPA 9056	KB	2	PASI-K
60403546009	MW 3	EPA 5030B/8260	PGH	11	PASI-K
		SM 2540C	SK	1	PASI-K
		EPA 9056	KB	2	PASI-K
60403546010	MW 12	EPA 5030B/8260	PGH	11	PASI-K
		SM 2540C	SK	1	PASI-K
		EPA 9056	KB	2	PASI-K
60403546011	P4S	EPA 5030B/8260	PGH	11	PASI-K
		SM 2540C	SK	1	PASI-K
		EPA 9056	KB	2	PASI-K
60403546012	MW 1	EPA 5030B/8260	PGH	11	PASI-K
		SM 2540C	SK	1	PASI-K
		EPA 9056	KB	2	PASI-K
60403546013	BC	EPA 5030B/8260	PGH	11	PASI-K

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: HCWTF Q2

Pace Project No.: 60403546

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 2540C	SK	1	PASI-K
		EPA 9056	KB	2	PASI-K

PASI-K = Pace Analytical Services - Kansas City

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: HCWTF Q2
Pace Project No.: 60403546

Sample: HC		Lab ID: 60403546001		Collected: 06/15/22 09:15		Received: 06/16/22 08:35		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		06/25/22 02:27	71-43-2		
Ethylbenzene	ND	mg/L	0.0010	1		06/25/22 02:27	100-41-4		
Naphthalene	ND	mg/L	0.0050	1		06/25/22 02:27	91-20-3		
Toluene	ND	mg/L	0.0010	1		06/25/22 02:27	108-88-3		
1,2,4-Trimethylbenzene	ND	mg/L	0.0010	1		06/25/22 02:27	95-63-6		
1,3,5-Trimethylbenzene	ND	mg/L	0.0010	1		06/25/22 02:27	108-67-8		
Xylene (Total)	ND	mg/L	0.0030	1		06/25/22 02:27	1330-20-7		
Surrogates									
4-Bromofluorobenzene (S)	99	%	80-120	1		06/25/22 02:27	460-00-4		
Toluene-d8 (S)	98	%	80-120	1		06/25/22 02:27	2037-26-5		
1,2-Dichlorobenzene-d4 (S)	104	%	80-120	1		06/25/22 02:27	2199-69-1		
Preservation pH	1.0		0.10	1		06/25/22 02:27			
2540C Total Dissolved Solids		Analytical Method: SM 2540C Pace Analytical Services - Kansas City							
Total Dissolved Solids	406	mg/L	5.0	1		06/22/22 19:00			
9056 IC Anions		Analytical Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	8.7	mg/L	1.0	1		06/28/22 21:50	16887-00-6		
Sulfate	53.0	mg/L	10.0	10		06/29/22 15:38	14808-79-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: HCWTF Q2

Pace Project No.: 60403546

Sample: MW 5		Lab ID: 60403546002		Collected: 06/15/22 11:15		Received: 06/16/22 08:35		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		06/25/22 02:41	71-43-2		
Ethylbenzene	ND	mg/L	0.0010	1		06/25/22 02:41	100-41-4		
Naphthalene	ND	mg/L	0.0050	1		06/25/22 02:41	91-20-3		
Toluene	ND	mg/L	0.0010	1		06/25/22 02:41	108-88-3		
1,2,4-Trimethylbenzene	ND	mg/L	0.0010	1		06/25/22 02:41	95-63-6		
1,3,5-Trimethylbenzene	ND	mg/L	0.0010	1		06/25/22 02:41	108-67-8		
Xylene (Total)	ND	mg/L	0.0030	1		06/25/22 02:41	1330-20-7		
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120	1		06/25/22 02:41	460-00-4		
Toluene-d8 (S)	98	%	80-120	1		06/25/22 02:41	2037-26-5		
1,2-Dichlorobenzene-d4 (S)	101	%	80-120	1		06/25/22 02:41	2199-69-1		
Preservation pH	1.0		0.10	1		06/25/22 02:41			
2540C Total Dissolved Solids		Analytical Method: SM 2540C Pace Analytical Services - Kansas City							
Total Dissolved Solids	376	mg/L	10.0	1		06/22/22 19:01			
9056 IC Anions		Analytical Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	7.2	mg/L	1.0	1		06/28/22 22:04	16887-00-6		
Sulfate	17.4	mg/L	1.0	1		06/28/22 22:04	14808-79-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: HCWTF Q2
Pace Project No.: 60403546

Sample: MW 9		Lab ID: 60403546003		Collected: 06/15/22 11:05		Received: 06/16/22 08:35		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		06/25/22 02:54	71-43-2		
Ethylbenzene	ND	mg/L	0.0010	1		06/25/22 02:54	100-41-4		
Naphthalene	ND	mg/L	0.0050	1		06/25/22 02:54	91-20-3		
Toluene	ND	mg/L	0.0010	1		06/25/22 02:54	108-88-3		
1,2,4-Trimethylbenzene	ND	mg/L	0.0010	1		06/25/22 02:54	95-63-6		
1,3,5-Trimethylbenzene	ND	mg/L	0.0010	1		06/25/22 02:54	108-67-8		
Xylene (Total)	ND	mg/L	0.0030	1		06/25/22 02:54	1330-20-7		
Surrogates									
4-Bromofluorobenzene (S)	95	%	80-120	1		06/25/22 02:54	460-00-4		
Toluene-d8 (S)	101	%	80-120	1		06/25/22 02:54	2037-26-5		
1,2-Dichlorobenzene-d4 (S)	100	%	80-120	1		06/25/22 02:54	2199-69-1		
Preservation pH	1.0		0.10	1		06/25/22 02:54			
2540C Total Dissolved Solids		Analytical Method: SM 2540C Pace Analytical Services - Kansas City							
Total Dissolved Solids	316	mg/L	5.0	1		06/22/22 19:01			
9056 IC Anions		Analytical Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	3.3	mg/L	1.0	1		06/28/22 22:18	16887-00-6		
Sulfate	24.8	mg/L	5.0	5		06/29/22 15:52	14808-79-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: HCWTF Q2

Pace Project No.: 60403546

Sample: MW 6		Lab ID: 60403546004		Collected: 06/15/22 11:00		Received: 06/16/22 08:35		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		06/25/22 03:08	71-43-2		
Ethylbenzene	ND	mg/L	0.0010	1		06/25/22 03:08	100-41-4		
Naphthalene	ND	mg/L	0.0050	1		06/25/22 03:08	91-20-3		
Toluene	ND	mg/L	0.0010	1		06/25/22 03:08	108-88-3		
1,2,4-Trimethylbenzene	ND	mg/L	0.0010	1		06/25/22 03:08	95-63-6		
1,3,5-Trimethylbenzene	ND	mg/L	0.0010	1		06/25/22 03:08	108-67-8		
Xylene (Total)	ND	mg/L	0.0030	1		06/25/22 03:08	1330-20-7		
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120	1		06/25/22 03:08	460-00-4		
Toluene-d8 (S)	99	%	80-120	1		06/25/22 03:08	2037-26-5		
1,2-Dichlorobenzene-d4 (S)	100	%	80-120	1		06/25/22 03:08	2199-69-1		
Preservation pH	1.0		0.10	1		06/25/22 03:08			
2540C Total Dissolved Solids		Analytical Method: SM 2540C Pace Analytical Services - Kansas City							
Total Dissolved Solids	971	mg/L	13.3	1		06/22/22 19:01			
9056 IC Anions		Analytical Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	169	mg/L	10.0	10		06/29/22 16:07	16887-00-6		
Sulfate	43.2	mg/L	10.0	10		06/29/22 16:07	14808-79-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: HCWTF Q2

Pace Project No.: 60403546

Sample: MW 11		Lab ID: 60403546005		Collected: 06/15/22 10:50		Received: 06/16/22 08:35		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		06/25/22 03:22	71-43-2		
Ethylbenzene	ND	mg/L	0.0010	1		06/25/22 03:22	100-41-4		
Naphthalene	ND	mg/L	0.0050	1		06/25/22 03:22	91-20-3		
Toluene	ND	mg/L	0.0010	1		06/25/22 03:22	108-88-3		
1,2,4-Trimethylbenzene	ND	mg/L	0.0010	1		06/25/22 03:22	95-63-6		
1,3,5-Trimethylbenzene	ND	mg/L	0.0010	1		06/25/22 03:22	108-67-8		
Xylene (Total)	ND	mg/L	0.0030	1		06/25/22 03:22	1330-20-7		
Surrogates									
4-Bromofluorobenzene (S)	95	%	80-120	1		06/25/22 03:22	460-00-4		
Toluene-d8 (S)	97	%	80-120	1		06/25/22 03:22	2037-26-5		
1,2-Dichlorobenzene-d4 (S)	100	%	80-120	1		06/25/22 03:22	2199-69-1		
Preservation pH	1.0		0.10	1		06/25/22 03:22			
2540C Total Dissolved Solids		Analytical Method: SM 2540C Pace Analytical Services - Kansas City							
Total Dissolved Solids	466	mg/L	10.0	1		06/22/22 19:01			
9056 IC Anions		Analytical Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	15.6	mg/L	1.0	1		06/28/22 23:13	16887-00-6		
Sulfate	22.3	mg/L	5.0	5		06/29/22 16:36	14808-79-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: HCWTF Q2
Pace Project No.: 60403546

Sample: MW 7		Lab ID: 60403546006		Collected: 06/15/22 10:45		Received: 06/16/22 08:35		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		06/25/22 03:36	71-43-2		
Ethylbenzene	ND	mg/L	0.0010	1		06/25/22 03:36	100-41-4		
Naphthalene	ND	mg/L	0.0050	1		06/25/22 03:36	91-20-3		
Toluene	ND	mg/L	0.0010	1		06/25/22 03:36	108-88-3		
1,2,4-Trimethylbenzene	ND	mg/L	0.0010	1		06/25/22 03:36	95-63-6		
1,3,5-Trimethylbenzene	ND	mg/L	0.0010	1		06/25/22 03:36	108-67-8		
Xylene (Total)	ND	mg/L	0.0030	1		06/25/22 03:36	1330-20-7		
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120	1		06/25/22 03:36	460-00-4		
Toluene-d8 (S)	97	%	80-120	1		06/25/22 03:36	2037-26-5		
1,2-Dichlorobenzene-d4 (S)	102	%	80-120	1		06/25/22 03:36	2199-69-1		
Preservation pH	1.0		0.10	1		06/25/22 03:36			
2540C Total Dissolved Solids		Analytical Method: SM 2540C Pace Analytical Services - Kansas City							
Total Dissolved Solids	1100	mg/L	13.3	1		06/22/22 19:01			
9056 IC Anions		Analytical Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	370	mg/L	100	100		06/29/22 17:05	16887-00-6		
Sulfate	34.2	mg/L	5.0	5		06/29/22 16:51	14808-79-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: HCWTF Q2

Pace Project No.: 60403546

Sample: MW 8		Lab ID: 60403546007		Collected: 06/15/22 10:30		Received: 06/16/22 08:35		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		06/25/22 03:49	71-43-2		
Ethylbenzene	ND	mg/L	0.0010	1		06/25/22 03:49	100-41-4		
Naphthalene	ND	mg/L	0.0050	1		06/25/22 03:49	91-20-3		
Toluene	ND	mg/L	0.0010	1		06/25/22 03:49	108-88-3		
1,2,4-Trimethylbenzene	ND	mg/L	0.0010	1		06/25/22 03:49	95-63-6		
1,3,5-Trimethylbenzene	ND	mg/L	0.0010	1		06/25/22 03:49	108-67-8		
Xylene (Total)	ND	mg/L	0.0030	1		06/25/22 03:49	1330-20-7		
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120	1		06/25/22 03:49	460-00-4		
Toluene-d8 (S)	99	%	80-120	1		06/25/22 03:49	2037-26-5		
1,2-Dichlorobenzene-d4 (S)	103	%	80-120	1		06/25/22 03:49	2199-69-1		
Preservation pH	5.0		0.10	1		06/25/22 03:49		pH	
2540C Total Dissolved Solids		Analytical Method: SM 2540C Pace Analytical Services - Kansas City							
Total Dissolved Solids	417	mg/L	10.0	1		06/22/22 19:02			
9056 IC Anions		Analytical Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	10.3	mg/L	1.0	1		06/28/22 23:41	16887-00-6		
Sulfate	23.4	mg/L	5.0	5		06/29/22 17:20	14808-79-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: HCWTF Q2

Pace Project No.: 60403546

Sample: MW 10		Lab ID: 60403546008		Collected: 06/15/22 10:15		Received: 06/16/22 08:35		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		06/25/22 04:03	71-43-2		
Ethylbenzene	ND	mg/L	0.0010	1		06/25/22 04:03	100-41-4		
Naphthalene	ND	mg/L	0.0050	1		06/25/22 04:03	91-20-3		
Toluene	ND	mg/L	0.0010	1		06/25/22 04:03	108-88-3		
1,2,4-Trimethylbenzene	ND	mg/L	0.0010	1		06/25/22 04:03	95-63-6		
1,3,5-Trimethylbenzene	ND	mg/L	0.0010	1		06/25/22 04:03	108-67-8		
Xylene (Total)	ND	mg/L	0.0030	1		06/25/22 04:03	1330-20-7		
Surrogates									
4-Bromofluorobenzene (S)	96	%	80-120	1		06/25/22 04:03	460-00-4		
Toluene-d8 (S)	98	%	80-120	1		06/25/22 04:03	2037-26-5		
1,2-Dichlorobenzene-d4 (S)	104	%	80-120	1		06/25/22 04:03	2199-69-1		
Preservation pH	3.0		0.10	1		06/25/22 04:03		pH	
2540C Total Dissolved Solids		Analytical Method: SM 2540C Pace Analytical Services - Kansas City							
Total Dissolved Solids	425	mg/L	10.0	1		06/22/22 19:02			
9056 IC Anions		Analytical Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	22.1	mg/L	5.0	5		06/29/22 17:34	16887-00-6		
Sulfate	22.3	mg/L	5.0	5		06/29/22 17:34	14808-79-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: HCWTF Q2
Pace Project No.: 60403546

Sample: MW 3		Lab ID: 60403546009		Collected: 06/15/22 09:25		Received: 06/16/22 08:35		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		06/25/22 04:17	71-43-2		
Ethylbenzene	ND	mg/L	0.0010	1		06/25/22 04:17	100-41-4		
Naphthalene	ND	mg/L	0.0050	1		06/25/22 04:17	91-20-3		
Toluene	ND	mg/L	0.0010	1		06/25/22 04:17	108-88-3		
1,2,4-Trimethylbenzene	ND	mg/L	0.0010	1		06/25/22 04:17	95-63-6		
1,3,5-Trimethylbenzene	ND	mg/L	0.0010	1		06/25/22 04:17	108-67-8		
Xylene (Total)	ND	mg/L	0.0030	1		06/25/22 04:17	1330-20-7		
Surrogates									
4-Bromofluorobenzene (S)	101	%	80-120	1		06/25/22 04:17	460-00-4		
Toluene-d8 (S)	101	%	80-120	1		06/25/22 04:17	2037-26-5		
1,2-Dichlorobenzene-d4 (S)	104	%	80-120	1		06/25/22 04:17	2199-69-1		
Preservation pH	1.0		0.10	1		06/25/22 04:17			
2540C Total Dissolved Solids		Analytical Method: SM 2540C Pace Analytical Services - Kansas City							
Total Dissolved Solids	667	mg/L	10.0	1		06/22/22 19:02			
9056 IC Anions		Analytical Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	32.2	mg/L	5.0	5		06/30/22 09:59	16887-00-6		
Sulfate	85.4	mg/L	5.0	5		06/30/22 09:59	14808-79-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: HCWTF Q2

Pace Project No.: 60403546

Sample: MW 12		Lab ID: 60403546010		Collected: 06/15/22 10:00		Received: 06/16/22 08:35		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		06/25/22 04:30	71-43-2		
Ethylbenzene	ND	mg/L	0.0010	1		06/25/22 04:30	100-41-4		
Naphthalene	ND	mg/L	0.0050	1		06/25/22 04:30	91-20-3		
Toluene	ND	mg/L	0.0010	1		06/25/22 04:30	108-88-3		
1,2,4-Trimethylbenzene	ND	mg/L	0.0010	1		06/25/22 04:30	95-63-6		
1,3,5-Trimethylbenzene	ND	mg/L	0.0010	1		06/25/22 04:30	108-67-8		
Xylene (Total)	ND	mg/L	0.0030	1		06/25/22 04:30	1330-20-7		
Surrogates									
4-Bromofluorobenzene (S)	97	%	80-120	1		06/25/22 04:30	460-00-4		
Toluene-d8 (S)	105	%	80-120	1		06/25/22 04:30	2037-26-5		
1,2-Dichlorobenzene-d4 (S)	101	%	80-120	1		06/25/22 04:30	2199-69-1		
Preservation pH	1.0		0.10	1		06/25/22 04:30			
2540C Total Dissolved Solids		Analytical Method: SM 2540C Pace Analytical Services - Kansas City							
Total Dissolved Solids	480	mg/L	10.0	1		06/22/22 19:02			
9056 IC Anions		Analytical Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	28.5	mg/L	5.0	5		06/30/22 10:43	16887-00-6		
Sulfate	16.0	mg/L	5.0	5		06/30/22 10:43	14808-79-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: HCWTF Q2
Pace Project No.: 60403546

Sample: P4S		Lab ID: 60403546011		Collected: 06/15/22 09:50		Received: 06/16/22 08:35		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		06/25/22 04:44	71-43-2		
Ethylbenzene	ND	mg/L	0.0010	1		06/25/22 04:44	100-41-4		
Naphthalene	ND	mg/L	0.0050	1		06/25/22 04:44	91-20-3		
Toluene	ND	mg/L	0.0010	1		06/25/22 04:44	108-88-3		
1,2,4-Trimethylbenzene	ND	mg/L	0.0010	1		06/25/22 04:44	95-63-6		
1,3,5-Trimethylbenzene	ND	mg/L	0.0010	1		06/25/22 04:44	108-67-8		
Xylene (Total)	ND	mg/L	0.0030	1		06/25/22 04:44	1330-20-7		
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120	1		06/25/22 04:44	460-00-4		
Toluene-d8 (S)	98	%	80-120	1		06/25/22 04:44	2037-26-5		
1,2-Dichlorobenzene-d4 (S)	101	%	80-120	1		06/25/22 04:44	2199-69-1		
Preservation pH	1.0		0.10	1		06/25/22 04:44			
2540C Total Dissolved Solids		Analytical Method: SM 2540C Pace Analytical Services - Kansas City							
Total Dissolved Solids	639	mg/L	10.0	1		06/22/22 19:03			
9056 IC Anions		Analytical Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	103	mg/L	20.0	20		06/30/22 11:26	16887-00-6		
Sulfate	23.4	mg/L	5.0	5		06/30/22 11:12	14808-79-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: HCWTF Q2
Pace Project No.: 60403546

Sample: MW 1		Lab ID: 60403546012	Collected: 06/15/22 09:40	Received: 06/16/22 08:35	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City						
Benzene	ND	mg/L	0.0010	1		06/25/22 04:58	71-43-2	
Ethylbenzene	ND	mg/L	0.0010	1		06/25/22 04:58	100-41-4	
Naphthalene	ND	mg/L	0.0050	1		06/25/22 04:58	91-20-3	
Toluene	ND	mg/L	0.0010	1		06/25/22 04:58	108-88-3	
1,2,4-Trimethylbenzene	ND	mg/L	0.0010	1		06/25/22 04:58	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/L	0.0010	1		06/25/22 04:58	108-67-8	
Xylene (Total)	ND	mg/L	0.0030	1		06/25/22 04:58	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	100	%	80-120	1		06/25/22 04:58	460-00-4	
Toluene-d8 (S)	98	%	80-120	1		06/25/22 04:58	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	102	%	80-120	1		06/25/22 04:58	2199-69-1	
Preservation pH	1.0		0.10	1		06/25/22 04:58		
2540C Total Dissolved Solids		Analytical Method: SM 2540C Pace Analytical Services - Kansas City						
Total Dissolved Solids	556	mg/L	10.0	1		06/22/22 19:03		
9056 IC Anions		Analytical Method: EPA 9056 Pace Analytical Services - Kansas City						
Chloride	47.3	mg/L	10.0	10		06/30/22 11:41	16887-00-6	
Sulfate	19.8	mg/L	1.0	1		06/29/22 11:59	14808-79-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: HCWTF Q2
Pace Project No.: 60403546

Sample: BC		Lab ID: 60403546013		Collected: 06/15/22 12:10		Received: 06/16/22 08:35		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
Benzene	ND	mg/L	0.0010	1		06/25/22 05:11	71-43-2		
Ethylbenzene	ND	mg/L	0.0010	1		06/25/22 05:11	100-41-4		
Naphthalene	ND	mg/L	0.0050	1		06/25/22 05:11	91-20-3		
Toluene	ND	mg/L	0.0010	1		06/25/22 05:11	108-88-3		
1,2,4-Trimethylbenzene	ND	mg/L	0.0010	1		06/25/22 05:11	95-63-6		
1,3,5-Trimethylbenzene	ND	mg/L	0.0010	1		06/25/22 05:11	108-67-8		
Xylene (Total)	ND	mg/L	0.0030	1		06/25/22 05:11	1330-20-7		
Surrogates									
4-Bromofluorobenzene (S)	99	%	80-120	1		06/25/22 05:11	460-00-4		
Toluene-d8 (S)	98	%	80-120	1		06/25/22 05:11	2037-26-5		
1,2-Dichlorobenzene-d4 (S)	103	%	80-120	1		06/25/22 05:11	2199-69-1		
Preservation pH	1.0		0.10	1		06/25/22 05:11			
2540C Total Dissolved Solids		Analytical Method: SM 2540C Pace Analytical Services - Kansas City							
Total Dissolved Solids	177	mg/L	5.0	1		06/22/22 19:04			
9056 IC Anions		Analytical Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	1.4	mg/L	1.0	1		06/29/22 12:13	16887-00-6		
Sulfate	7.1	mg/L	1.0	1		06/29/22 12:13	14808-79-8		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: HCWTF Q2
Pace Project No.: 60403546

QC Batch:	794289	Analysis Method:	EPA 5030B/8260
QC Batch Method:	EPA 5030B/8260	Analysis Description:	8260 MSV Water 10 mL Purge
		Laboratory:	Pace Analytical Services - Kansas City
Associated Lab Samples:	60403546001, 60403546002, 60403546003, 60403546004, 60403546005, 60403546006, 60403546007, 60403546008, 60403546009, 60403546010, 60403546011, 60403546012, 60403546013		

METHOD BLANK: 3164175 Matrix: Water
Associated Lab Samples: 60403546001, 60403546002, 60403546003, 60403546004, 60403546005, 60403546006, 60403546007, 60403546008, 60403546009, 60403546010, 60403546011, 60403546012, 60403546013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	mg/L	ND	0.0010	06/25/22 00:37	
1,3,5-Trimethylbenzene	mg/L	ND	0.0010	06/25/22 00:37	
Benzene	mg/L	ND	0.0010	06/25/22 00:37	
Ethylbenzene	mg/L	ND	0.0010	06/25/22 00:37	
Naphthalene	mg/L	0.0012J	0.0050	06/25/22 00:37	
Toluene	mg/L	ND	0.0010	06/25/22 00:37	
Xylene (Total)	mg/L	ND	0.0030	06/25/22 00:37	
1,2-Dichlorobenzene-d4 (S)	%	101	80-120	06/25/22 00:37	
4-Bromofluorobenzene (S)	%	100	80-120	06/25/22 00:37	
Toluene-d8 (S)	%	96	80-120	06/25/22 00:37	

LABORATORY CONTROL SAMPLE: 3164176

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	mg/L	0.02	0.020	102	80-125	
1,3,5-Trimethylbenzene	mg/L	0.02	0.020	100	80-125	
Benzene	mg/L	0.02	0.020	101	80-120	
Ethylbenzene	mg/L	0.02	0.021	104	80-120	
Naphthalene	mg/L	0.02	0.014	71	70-120	
Toluene	mg/L	0.02	0.020	101	80-120	
Xylene (Total)	mg/L	0.06	0.064	106	80-120	
1,2-Dichlorobenzene-d4 (S)	%			96	80-120	
4-Bromofluorobenzene (S)	%			95	80-120	
Toluene-d8 (S)	%			100	80-120	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: HCWTF Q2

Pace Project No.: 60403546

QC Batch:	793934	Analysis Method:	SM 2540C
QC Batch Method:	SM 2540C	Analysis Description:	2540C Total Dissolved Solids
		Laboratory:	Pace Analytical Services - Kansas City
Associated Lab Samples:	60403546001, 60403546002, 60403546003, 60403546004, 60403546005, 60403546006, 60403546007, 60403546008, 60403546009, 60403546010, 60403546011, 60403546012, 60403546013		

METHOD BLANK:	3162929	Matrix:	Water
Associated Lab Samples:	60403546001, 60403546002, 60403546003, 60403546004, 60403546005, 60403546006, 60403546007, 60403546008, 60403546009, 60403546010, 60403546011, 60403546012, 60403546013		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	5.0	06/22/22 19:00	

LABORATORY CONTROL SAMPLE: 3162930						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	1000	999	100	80-120	

SAMPLE DUPLICATE: 3162932						
Parameter	Units	60403546011 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	639	656	3	10	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: HCWTF Q2

Pace Project No.: 60403546

QC Batch:	794671	Analysis Method:	EPA 9056
QC Batch Method:	EPA 9056	Analysis Description:	9056 IC Anions
		Laboratory:	Pace Analytical Services - Kansas City
Associated Lab Samples:	60403546001, 60403546002, 60403546003, 60403546004, 60403546005, 60403546006, 60403546007, 60403546008		

METHOD BLANK:	3165894	Matrix:	Water
Associated Lab Samples:	60403546001, 60403546002, 60403546003, 60403546004, 60403546005, 60403546006, 60403546007, 60403546008		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	06/28/22 18:36	
Sulfate	mg/L	ND	1.0	06/28/22 18:36	

METHOD BLANK:	3167566	Matrix:	Water
Associated Lab Samples:	60403546001, 60403546002, 60403546003, 60403546004, 60403546005, 60403546006, 60403546007, 60403546008		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	06/29/22 08:57	
Sulfate	mg/L	ND	1.0	06/29/22 08:57	

LABORATORY CONTROL SAMPLE:	3165895					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	5	4.7	93	80-120	
Sulfate	mg/L	5	5.0	99	80-120	

LABORATORY CONTROL SAMPLE:	3167567					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	5	4.7	95	80-120	
Sulfate	mg/L	5	4.7	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3165896					3165897							
Parameter	Units	20246885001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual	
		Result	Spike Conc.	Spike Conc.								Result
Chloride	mg/L	<1000	5000	5000	4890	4880	86	86	80-120	0	15	
Sulfate	mg/L	5250	5000	5000	9520	9770	85	90	80-120	3	15	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: HCWTF Q2

Pace Project No.: 60403546

SAMPLE DUPLICATE: 3165898

Parameter	Units	20246885002 Result	Dup Result	RPD	Max RPD	Qualifiers
Chloride	mg/L	4770	4720	1	15	
Sulfate	mg/L	98.1	97.9	0	15	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: HCWTF Q2
Pace Project No.: 60403546

QC Batch: 794930 Analysis Method: EPA 9056
QC Batch Method: EPA 9056 Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60403546009, 60403546010, 60403546011, 60403546012, 60403546013

METHOD BLANK: 3166925 Matrix: Water
Associated Lab Samples: 60403546009, 60403546010, 60403546011, 60403546012, 60403546013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	06/29/22 08:55	
Sulfate	mg/L	ND	1.0	06/29/22 08:55	

METHOD BLANK: 3168663 Matrix: Water
Associated Lab Samples: 60403546009, 60403546010, 60403546011, 60403546012, 60403546013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	06/30/22 08:54	
Sulfate	mg/L	ND	1.0	06/30/22 08:54	

LABORATORY CONTROL SAMPLE: 3166926

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	5	4.7	94	80-120	
Sulfate	mg/L	5	4.9	99	80-120	

LABORATORY CONTROL SAMPLE: 3168664

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	5	4.4	88	80-120	
Sulfate	mg/L	5	4.4	88	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3166927 3166928

Parameter	Units	60403546009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	32.2	25	25	57.9	57.8	103	102	80-120	0	15	
Sulfate	mg/L	85.4	25	25	111	111	104	103	80-120	0	15 E	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: HCWTF Q2

Pace Project No.: 60403546

SAMPLE DUPLICATE: 3166929

Parameter	Units	60403546010 Result	Dup Result	RPD	Max RPD	Qualifiers
Chloride	mg/L	28.5	27.9	2	15	
Sulfate	mg/L	16.0	18.4	14	15	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: HCWTF Q2

Pace Project No.: 60403546

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

BATCH QUALIFIERS

Batch: 794289

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

E Analyte concentration exceeded the calibration range. The reported result is estimated.

pH Post-analysis pH measurement indicates insufficient VOA sample preservation.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: HCWTF Q2
Pace Project No.: 60403546

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60403546001	HC	EPA 5030B/8260	794289		
60403546002	MW 5	EPA 5030B/8260	794289		
60403546003	MW 9	EPA 5030B/8260	794289		
60403546004	MW 6	EPA 5030B/8260	794289		
60403546005	MW 11	EPA 5030B/8260	794289		
60403546006	MW 7	EPA 5030B/8260	794289		
60403546007	MW 8	EPA 5030B/8260	794289		
60403546008	MW 10	EPA 5030B/8260	794289		
60403546009	MW 3	EPA 5030B/8260	794289		
60403546010	MW 12	EPA 5030B/8260	794289		
60403546011	P4S	EPA 5030B/8260	794289		
60403546012	MW 1	EPA 5030B/8260	794289		
60403546013	BC	EPA 5030B/8260	794289		
60403546001	HC	SM 2540C	793934		
60403546002	MW 5	SM 2540C	793934		
60403546003	MW 9	SM 2540C	793934		
60403546004	MW 6	SM 2540C	793934		
60403546005	MW 11	SM 2540C	793934		
60403546006	MW 7	SM 2540C	793934		
60403546007	MW 8	SM 2540C	793934		
60403546008	MW 10	SM 2540C	793934		
60403546009	MW 3	SM 2540C	793934		
60403546010	MW 12	SM 2540C	793934		
60403546011	P4S	SM 2540C	793934		
60403546012	MW 1	SM 2540C	793934		
60403546013	BC	SM 2540C	793934		
60403546001	HC	EPA 9056	794671		
60403546002	MW 5	EPA 9056	794671		
60403546003	MW 9	EPA 9056	794671		
60403546004	MW 6	EPA 9056	794671		
60403546005	MW 11	EPA 9056	794671		
60403546006	MW 7	EPA 9056	794671		
60403546007	MW 8	EPA 9056	794671		
60403546008	MW 10	EPA 9056	794671		
60403546009	MW 3	EPA 9056	794930		
60403546010	MW 12	EPA 9056	794930		
60403546011	P4S	EPA 9056	794930		
60403546012	MW 1	EPA 9056	794930		
60403546013	BC	EPA 9056	794930		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



DC#_Title: ENV-FRM-LENE-0009_Sample Co

Revision: 2

Effective Date: 01/12/2022

Issued By: Lenexa

WO#: 60403546

Client Name: Entrada Consulting GroupCourier: FedEx ☒ UPS ☐ VIA ☐ Clay ☐ PEX ☐ ECI ☐ Pace ☐ Xroads ☐ Client ☐ Other ☐Tracking #: 5002 0651 9282Pace Shipping Label Used? Yes ☐ No ☒Custody Seal on Cooler/Box Present: Yes ☒ No ☐ Seals intact: Yes ☒ No ☐Packing Material: Bubble Wrap ☒ Bubble Bags ☒ Foam ☐ None ☐ Other ☒ 2 PLThermometer Used: T301 Type of Ice: We Blue NoneCooler Temperature (°C): As-read 3.5 Corr. Factor -1.0 Corrected 2.5Date and initials of person examining contents: JA 6/22/22

Temperature should be above freezing to 6°C

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Short Hold Time analyses (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Rush Turn Around Time requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Unpreserved 5035A / TX1005/1006 soils frozen in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Sample labels match COC: Date / time / ID / analyses	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Samples contain multiple phases? Matrix: <u>wt</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Containers requiring pH preservation in compliance? (HNO ₃ , H ₂ SO ₄ , HCl<2; NaOH>9 Sulfide, NaOH>10 Cyanide) (Exceptions: VOA, Micro, O&G, KS TPH, OK-DRO) LOT#:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	List sample IDs, volumes, lot #'s of preservative and the date/time added.
Cyanide water sample checks:		
Lead acetate strip turns dark? (Record only)	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Potassium iodide test strip turns blue/purple? (Preserve)	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Trip Blank present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Samples from USDA Regulated Area: State:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Additional labels attached to 5035A / TX1005 vials in the field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	

Client Notification/ Resolution:

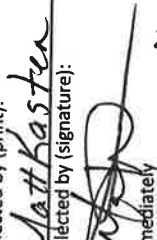
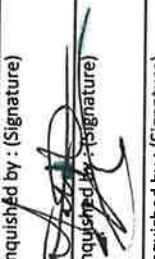
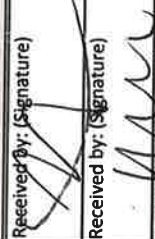
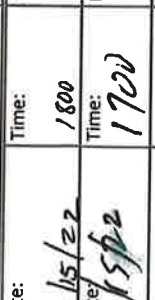
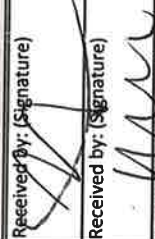
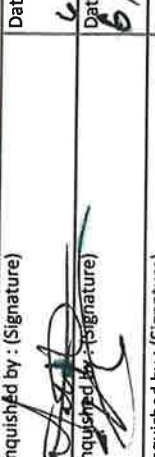
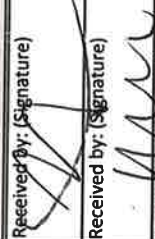
Copy COC to Client? Y / N

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: _____

Entrada Consulting Group 240 Mesa Avenue Grand Junction, CO 81501										Billing Information: Stuart Hall 240 Mesa Ave. Grand Junction, CO 81501										Chain of Custody Page <u>1</u> of <u>2</u>																																																	
Report to: Stuart Hall										Email To: shall@entradainc.com;										12065 Lebanon Rd Mount Juliet, TN 37122 Phone: 615-758-5858 Fax: 615-758-5859																																																	
Project Description: HCWTF Q2										City/State Collected:										Please Circle: PT MT CT ET																																																	
Phone: 970-640-0568										Client Project # HCWTF Q2										Lab Project # ENTCONGJCO-915																																																	
Collected by (print): Math Kasten										Site/Facility ID # HCWTF										P.O. #																																																	
Collected by (signature): 										Rush? (Lab MUST Be Notified) Same Day <input type="checkbox"/> Five Day <input type="checkbox"/> Next Day <input type="checkbox"/> 5 Day (Rad Only) <input type="checkbox"/> Two Day <input type="checkbox"/> 10 Day (Rad Only) <input type="checkbox"/> Three Day <input type="checkbox"/>										Quote #																																																	
Immediately Packed on Ice N <input checked="" type="checkbox"/> Y <input type="checkbox"/>										Date Results Needed										No. of Cntrs																																																	
Sample ID										Comp/Grab										Matrix *										Depth										Date										Time																			
HC										GRAB										GW										—										6/15/22										915										5									
MW 5																														28.43																				1115										5									
MW 9																														21.24																				1105										5									
MW 6																														23.31																				1100										5									
MW 11																														23.64																				1050										5									
MW 7																														29.41																				1045										5									
MW 8																														43.18																				1030										5									
MW 10																														14.55																				1015										5									
MW 3																														28.81																				925										5									
MW 12																														29.0																				1000										5									
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other _____										Remarks:										pH _____ Temp _____ Flow _____ Other _____										Sample Receipt Checklist COC Seal Present/Intact: _____ NP _____ Y _____ N _____ COC Signed/Accurate: _____ Y _____ N _____ Bottles arrive intact: _____ Y _____ N _____ Correct bottles used: _____ Y _____ N _____ Sufficient volume sent: _____ Y _____ N _____ If Applicable VOA Zero Headspace: _____ Y _____ N _____ Preservation Correct/Checked: _____ Y _____ N _____ RAD Screen <0.5 mB/hr: _____ Y _____ N _____																																							
Relinquished by: (Signature) 										Date: 6/15/22										Time: 1800										Received by: (Signature) 										Trip Blank Received: Yes / No HCL / Meoh TBR																													
Relinquished by: (Signature) 										Date: 6/15/22										Time: 1700										Received by: (Signature) 										Temp: 2.5 °C Bottles Received:																													
Relinquished by: (Signature) 										Date: _____										Time: _____										Received for lab by: (Signature) 										Date: 6-16-22																													
																																								Condition: NCF / OK																													

[illegible]

Client: Entrada Consulting Group

Profile #

15379 Line 1

Site: HCWTF

Notes

COC Line Item	Matrix	VG9H	DG9H	DG9Q	VG9U	DG9U	DG9M	DG9B	BG1U	AG1H	AG1U	AG2U	AG3S	AG4U	AG5U	JGFU	WGKU	WGDU	BP1U	BP2U	BP3U	BP1N	BP3N	BP3F	BP3S	BP3C	BP3Z	WPDU	ZPLC	Other
1	WT		3																		2									
2																														
3																														
4																														
5																														
6																														
7																														
8																														
9																														
10																														
11																														
12																														

Container Codes

Glass		Plastic		Misc.	
DG9B	40mL bisulfate clear vial	WGKU	8oz clear soil jar	BP1C	1L NaOH plastic
DG9H	40mL HCl amber vial	WGFU	4oz clear soil jar	BP1N	1L HNO3 plastic
DG9M	40mL MeOH clear vial	WG2U	2oz clear soil jar	BP1S	1L H2SO4 plastic
DG9Q	40mL TSP amber vial	JGFU	4oz unpreserved amber wide	BP1U	1L unpreserved plastic
DG9S	40mL H2SO4 amber vial	AG0U	100mL unores amber glass	BP1Z	1L NaOH, Zn Acetate
DG9T	40mL Na Thio amber vial	AG1H	1L HCl amber glass	BP2C	500mL NaOH plastic
DG9U	40mL amber unpreserved	AG1S	1L H2SO4 amber glass	BP2N	500mL HNO3 plastic
VG9H	40mL HCl clear vial	AG1T	1L Na Thiosulfate clear/amber glass	BP2S	500mL H2SO4 plastic
VG9T	40mL Na Thio. clear vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
VG9U	40mL unpreserved clear vial	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Acetate
BG1S	1liter H2SO4 clear glass	AG2S	500mL H2SO4 amber glass	BP3C	250mL NaOH plastic
BG1U	1liter unpres glass	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic - field filtered
BG3H	250mL HCL Clear glass	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
BG3U	250mL Unpres Clear glass	AG3U	250mL unpres amber glass	BP3U	250mL unpreserved plastic
WGDU	16oz clear soil jar	AG4U	125mL unpres amber glass	BP3S	250mL H2SO4 plastic
		AG5U	100mL unpres amber glass	BP3Z	250mL NaOH, Zn Acetate
				BP4U	125mL unpreserved plastic
				BP4N	125mL HNO3 plastic
				BP4S	125mL H2SO4 plastic
				WPDU	16oz unpreserved plastic

Work Order Number:

60403546

Client: Entrada Consulting Group

Profile # 15379 Line 1

Site: HCWTF

Notes

COC Line Item	Matrix	VG9H	DG9H	DG9Q	VG9U	DG9U	DG9M	DG9B	BG1U	AG1H	AG1U	AG2U	AG3S	AG4U	AG5U	JGFU	WGKU	WGDU	BP1U	BP2U	BP3U	BP1N	BP3N	BP3F	BP3S	BP3C	BP3Z	WPDU	ZPLC	Other
1	wt		3																		2									
2	wt		3																		2									
3	wt		3																		2									
4																														
5																														
6																														
7																														
8																														
9																														
10																														
11																														
12																														

Container Codes

Glass			Plastic			Misc.		
DG9B	40mL bisulfate clear vial	WGKU	8oz clear soil jar	BP1C	1L NaOH plastic	I	Wipe/Swab	
DG9H	40mL HCl amber vial	WGKU	4oz clear soil jar	BP1N	1L HNO3 plastic	SP5T	120mL Coliform Na Thiosulfate	
DG9M	40mL MeOH clear vial	WG2U	2oz clear soil jar	BP1S	1L H2SO4 plastic	ZPLC	Ziploc Bag	
DG9Q	40mL TSP amber vial	JGFU	4oz unpreserved amber wide	BP1U	1L unpreserved plastic	AF	Air Filter	
DG9S	40mL H2SO4 amber vial	AG0U	100mL unores amber glass	BP1Z	1L NaOH, Zn Acetate	C	Air Cassettes	
DG9T	40mL Na Thio amber vial	AG1H	1L HCl amber glass	BP2C	500mL NaOH plastic	R	Terracore Kit	
DG9U	40mL amber unpreserved	AG1S	1L H2SO4 amber glass	BP2N	500mL HNO3 plastic	U	Summa Can	
VG9H	40mL HCl clear vial	AG1T	1L Na Thiosulfate clear/amber glass	BP2S	500mL H2SO4 plastic			
VG9T	40mL Na Thio. clear vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic			
VG9U	40mL unpreserved clear vial	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Acetate			
BG1S	1liter H2SO4 clear glass	AG2S	500mL H2SO4 amber glass	BP3C	250mL NaOH plastic			
BG3H	1liter unpres glass	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic - field filtered	WT	Water	
BG3U	250mL HCL Clear glass	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic	SL	Solid	
BG3U	250mL Unpres Clear glass	AG3U	500mL unpres amber glass	BP3U	250mL unpreserved plastic	NAL	Non-aqueous Liquid	
WGDU	16oz clear soil jar	AG4U	125mL unpres amber glass	BP3S	250mL H2SO4 plastic	OL	Oil	
		AG5U	100mL unpres amber glass	BP3Z	250mL NaOH, Zn Acetate	WP	Wipe	
				BP4U	125mL unpreserved plastic	DW	Drinking Water	
				BP4N	125mL HNO3 plastic			
				BP4S	125mL H2SO4 plastic			
				WPDU	16oz unpreserved plastic			

Work Order Number:

60403546