Email information for report date:
8/3/17 08:57

A014979

Hydro Resources

Attn: Billy Booth
anoah@hydroresources.com

PO Box 525
Dripping Springs, TX 78620

Lead & Copper sampling for 2017 is under way!

Let Aqua-Tech help you fulfill your state requirements. We are certified and ready to assist with sampling kits, analysis & online data retrieval. You can trust our experience and history of successful state reporting.

Call or email us today at samplingbryan@aqua-techlabs.com for more information or to set up an event.

Thank you for your business,
June M. Brien
Executive Technical Director

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Fax: (979) 778-3193

AQUA-TECH LABORATORIES, INC.

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Austin, TX 78735
Phone: (512) 301-9559
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The analyses summarized in this report were performed by Aqua-Tech Laboratories, Inc. unless otherwise noted. Aqua-Tech Laboratories, Inc. holds accreditation from the State of Texas in accordance with TNI and/or through the TCEQ Drinking Water Commercial Laboratory Approval Program.

The following abbreviations indicate certification status:

NELAP Cert. T104704371

NEL	NELAC accredited parameter.
ANR	Accreditation not required by the State of Texas.
DWP	Accreditation through the TCEQ Drinking Water Commercial Laboratory Approval Program.
INF	Aqua-Tech Laboratories, Inc. is not accredited for this parameter. It is reported on an informational basis only.

Subcontracted data summarized in this report is indicated by "Sub" in the Lab column.

TCEQ DW Lab ID TX 239

General Definitions:

NR	Not Reported.
RPD	Relative Percent Difference.
% R	Percent Recovery.
dry	Results with the "dry" unit designation are reported on a "dry weight" basis.
SQL	The Sample Quantitation Limit is the value below which the parameter cannot reliably be detected. The SQL includes all sample preparations, dilutions and / or concentrations.
Adj MDL	The Adjusted Method Detection Limit is the MDL value adjusted for any sample dilutions or concentrations .
MDL	The Method Detection Limit is the lowest theoretical value that is statistically different from zero for a specific method, taking into account all preparation steps and instrument settings.

All samples are reported on an "as received" basis unless the designation "dry" is added to the reported unit.

Copies of Aqua-Tech Laboratories, Inc. procedures and individual sampling plans are available upon request. Note that samples are collected by Aqua-Tech Laboratories, Inc. personnel unless otherwise noted in the "Sample Collected" field of this report as "Client" or "CLT".

Samples included in this report were received in acceptable condition according to Aqua-Tech Laboratories, Inc. procedures and 40 CFR, Chapter I, Subchapter D, Part 136.3, TABLE II. - *Required containers, preservation techniques, and holding times*, unless otherwise noted in this report.

Record Retention:

All reports, raw data, and associated quality control data are kept on file for 10 years before being destroyed. Any client that would like copies of records must contact Aqua-Tech Laboratories, Inc. no later than six months prior to the scheduled disposal. An administrative fee for retrieval and distribution will apply.

This report was approved by:

June M. Brien, Technical Director

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Analytical Report

Hydro Resources

Report Printed: **8/3/17** **8:57**

A014979

DAVENPORT RIM

Collected: 07/07/17 10:19 by CLIENT
Received: 07/07/17 13:37 by Kelly Kukowski

Type: Grab
Matrix: Non Potable
C-O-C #: 281456

Lab ID# A014979-01

	Result	Units	Notes	MDL	Adj MDL	SQL	Lab	Analyzed	Method	Batch	
General Chemistry											
Total Hardness (ICP Calc) as CaCO3	**246**	mg/L			5.00	6.24	*Bryan*	08/01/17 16:25 MRG	EPA 200.7 R4.4	[CALC]	NEL
Total Dissolved Solids	**1410**	mg/L		25.0	50.00	50.0	*Bryan*	07/13/17 15:43 BLR	SM2540 C 1997	M079162	NEL
Nitrate as N	**<0.0500**	mg/L			0.02	0.0500	*Austin*	07/12/17 10:44 MSA	SM4500-NO3-F 2000	[CALC]	NEL
Nitrite as N	**0.03**	mg/L	G-01	0.001	0.00	0.01	*Austin*	07/07/17 14:10 MSA	SM4500 NO2- B 2000	M079067	NEL
Nitrate/Nitrite as N	**<0.05**	mg/L		0.02	0.02	0.05	*Bryan*	07/12/17 10:44 PB	SM4500-NO3-F 2000	M079177	NEL
Total Alkalinity as CaCO3 (pH4.5)	**248**	mg/L		4.00	16.00	16.0	*Bryan*	07/21/17 16:00 MRB	SM2320 B 1997	M079300	NEL
Chloride	**151**	mg/L		1.60	4.01	12.5	*Bryan*	07/25/17 16:09 JMB	SM4500-Cl- B 1997	M079502	NEL
Fluoride	**2.60**	mg/L		0.02	0.02	0.10	*Bryan*	07/20/17 09:25 OYT	SM4500-F C 2011	M079370	NEL
Sulfate	**612**	mg/L		1.26	31.48	125	*Bryan*	07/18/17 09:00 MRB	ASTM D516 07	M079302	NEL
pH, Lab	**8.2**	S.U.	Hold-03	0.0	0.00	0.0	*Austin*	07/10/17 14:17 AHL	SM4500-H+ B 2000	M079117	NEL
Temperature @ pH Analysis	**24.1**	Deg. C		0.1	0.10	0.1	*Austin*	07/10/17 14:17 AHL	SM2550 B 2000	M079117	ANR
Specific Conductance (adjusted to 25.0°C)	**2300**	uS/cm		2.00	4.00	4.00	*Bryan*	07/21/17 14:20 JMB	SM2510 B 1991	M079444	NEL
Metals (Total)											
Aluminum	**0.030**	mg/L		0.005	0.00	0.005	*Bryan*	08/01/17 15:39 MRG	EPA 200.7 R4.4	M079385	NEL
Arsenic	**<0.002**	mg/L		0.004	0.00	0.002	*Bryan*	08/01/17 15:39 MRG	EPA 200.7 R4.4	M079385	NEL
Boron	**3.39**	mg/L		0.024	0.01	0.012	*Bryan*	08/01/17 15:39 MRG	EPA 200.7 R4.4	M079385	NEL
Calcium	**54.2**	mg/L		0.080	2.00	2.50	*Bryan*	08/01/17 16:25 MRG	EPA 200.7 R4.4	M079386	NEL
Copper	**0.007**	mg/L		0.002	0.00	0.005	*Bryan*	08/01/17 15:39 MRG	EPA 200.7 R4.4	M079385	NEL
Iron	**0.022**	mg/L		0.007	0.00	0.005	*Bryan*	08/01/17 15:39 MRG	EPA 200.7 R4.4	M079385	NEL
Magnesium	**26.8**	mg/L	ICP-4X	0.001	0.00	0.0005	*Bryan*	08/01/17 15:39 MRG	EPA 200.7 R4.4	M079385	NEL
Manganese	**0.002**	mg/L		0.001	0.00	0.0005	*Bryan*	08/01/17 15:39 MRG	EPA 200.7 R4.4	M079385	NEL
Potassium	**42.3**	mg/L	MS-01	0.033	0.02	0.050	*Bryan*	08/01/17 15:39 MRG	EPA 200.7 R4.4	M079385	NEL
Sodium	**347**	mg/L		0.024	0.60	2.50	*Bryan*	08/01/17 16:25 MRG	EPA 200.7 R4.4	M079386	NEL
Zinc	**0.163**	mg/L		0.003	0.00	0.002	*Bryan*	08/01/17 15:39 MRG	EPA 200.7 R4.4	M079385	NEL

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Explanation of Notes

G-01	This sample was added to an analytical run already in progress. See the prep time for when this sample was added.
Hold-03	This parameter was outside of EPA holding at the time the sample was received in the laboratory.
ICP-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
J	Analyte detected below the SQL but above the MDL.
MS-01	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS and/or LCSD recovery.
RPD-03	Sample and/or duplicate is below MRL.

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Analytical Report

Hydro Resources

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A014979

General Chemistry - Quality Control

	Result	Units	Notes	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch	
Chloride - SM4500-Cl- B 1997													*Bryan*
Initial Cal Check	25.4	mg/L			07/25/17 16:09 JMB	25.0		102	85 - 115			1707127	
Blank	<5.00	mg/L		5.00	07/25/17 16:09 JMB							M079502	
LCS	25.9	mg/L		5.00	07/25/17 16:09 JMB	24.7		105	90 - 110			M079502	
LCS Dup	25.0	mg/L		5.00	07/25/17 16:09 JMB	24.7		101	90 - 110	3.51	5.25	M079502	
Matrix Spike	218	mg/L		12.5	07/25/17 16:09 JMB	61.8	151	108	84.1 - 116			M079502	
Matrix Spike Dup	214	mg/L		12.5	07/25/17 16:09 JMB	61.8	151	103	84.1 - 116	5.13	5.25	M079502	
Fluoride - SM4500-F C 2011													*Bryan*
Initial Cal Check	5.23	mg/L			07/20/17 09:25 OYT	5.09		103	85 - 115			1707102	
Blank	<0.10	mg/L		0.10	07/20/17 09:25 OYT							M079370	
LCS	0.82	mg/L		0.10	07/20/17 09:25 OYT	0.798		103	90 - 110			M079370	
LCS Dup	0.82	mg/L		0.10	07/20/17 09:25 OYT	0.798		103	90 - 110	0.00	1.27	M079370	
Matrix Spike	3.60	mg/L		0.10	07/20/17 09:25 OYT	0.798	2.60	125	88.3 - 129			M079370	
Matrix Spike Dup	3.60	mg/L		0.10	07/20/17 09:25 OYT	0.798	2.60	125	88.3 - 129	0.00	8.39	M079370	
Nitrate/Nitrite as N - SM4500-NO3-F 2000													*Bryan*
Blank	<0.05	mg/L		0.05	07/12/17 10:44 PB							M079177	
LCS	2.01	mg/L		0.05	07/12/17 10:44 PB	2.00		101	97 - 112			M079177	
LCS Dup	2.01	mg/L		0.05	07/12/17 10:44 PB	2.00		101	97 - 112	0.0615	4.03	M079177	
Matrix Spike	2.19	mg/L		0.05	07/12/17 10:44 PB	2.00	0.07	106	88.5 - 123			M079177	
Matrix Spike Dup	2.19	mg/L		0.05	07/12/17 10:44 PB	2.00	0.07	106	88.5 - 123	0.0593	2.38	M079177	
Initial Cal Check	1.83	mg/L			07/12/17 10:51 PB	1.70		108	85 - 115			1707062	
Nitrite as N - SM4500 NO2- B 2000													*Austin*
Initial Cal Check	0.05	mg/L			07/07/17 12:35 MSA	0.0463		105	85 - 115			1707031	
Blank	<0.01	mg/L		0.01	07/07/17 12:35 MSA							M079067	
LCS	0.05	mg/L		0.01	07/07/17 12:35 MSA	0.0463		106	90 - 110			M079067	
Matrix Spike	1.97	mg/L		0.17	07/07/17 12:35 MSA	0.772	1.14	108	71.9 - 121			M079067	
Matrix Spike Dup	1.97	mg/L		0.17	07/07/17 12:35 MSA	0.772	1.14	107	71.9 - 121	0.744	10.6	M079067	
pH, Lab - SM4500-H+ B 2000													*Austin*
Duplicate	7.4	Std Units		0.0	07/10/17 14:17 AHL		7.4			0.136	2.05	M079117	
Reference	7.0	Std Units		0.0	07/10/17 14:17 AHL	6.86		101	95 - 105			M079117	
Reference	9.1	Std Units		0.0	07/10/17 14:17 AHL	9.18		98.7	95 - 105			M079117	
Reference	6.9	Std Units		0.0	07/10/17 14:17 AHL	6.86		101	95 - 105			M079117	
Reference	9.0	Std Units		0.0	07/10/17 14:17 AHL	9.18		98.6	95 - 105			M079117	

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Analytical Report

Hydro Resources

Report Printed: 8/3/17 8:57

A014979

General Chemistry - Quality Control

	Result	Units	Notes	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch	
Specific Conductance (adjusted to 25.0°C) - SM2510 B 1991													*Bryan*
Initial Cal Check	360	uS/cm			07/21/17 14:20 JMB	326		110	85 - 115			1707115	
Blank	<2.00	uS/cm		2.00	07/21/17 14:20 JMB							M079444	
Duplicate	470	uS/cm		2.00	07/21/17 14:20 JMB		475			1.06	3.84	M079444	
LCS	1430	uS/cm		2.00	07/21/17 14:20 JMB	1410		102	90 - 110			M079444	
LCS Dup	1410	uS/cm		2.00	07/21/17 14:20 JMB	1410		100	90 - 110	1.48	4.99	M079444	
Sulfate - ASTM D516 07													*Bryan*
Initial Cal Check	11.0	mg/L			07/18/17 09:00 MRB	10.0		110	80 - 120			1707088	
Blank	<5.00	mg/L		5.00	07/18/17 09:00 MRB							M079302	
Duplicate	126	mg/L		50.0	07/18/17 09:00 MRB		131			4.26	7.73	M079302	
LCS	9.86	mg/L		5.00	07/18/17 09:00 MRB	10.0		98.6	80 - 120			M079302	
Matrix Spike	233	mg/L		50.0	07/18/17 09:00 MRB	100	131	101	59.3 - 149			M079302	
Total Alkalinity as CaCO3 (pH4.5) - SM2320 B 1997													*Bryan*
Initial Cal Check	6.89	mg/L			07/21/17 16:00 MRB	6.86		100	97 - 103			1707116	
Initial Cal Check	9.15	mg/L			07/21/17 16:00 MRB	9.18		99.7	97 - 103			1707116	
Duplicate	266	mg/L		16.0	07/21/17 16:00 MRB		264			0.755	6.16	M079300	
LCS	88.0	mg/L		16.0	07/21/17 16:00 MRB	80.0		110	90.2 - 116			M079300	
LCS Dup	88.0	mg/L		16.0	07/21/17 16:00 MRB	80.0		110	90.2 - 116	0.00	11.3	M079300	
Total Dissolved Solids - SM2540 C 1997													*Bryan*
Blank	<25.0	mg/L		25.0	07/13/17 15:43 BLR							M079162	
Duplicate	820	mg/L		50.0	07/13/17 15:43 BLR		836			1.93	14.9	M079162	
Reference	203	mg/L		33.3	07/13/17 15:43 BLR	200		102	77 - 126			M079162	

Metals (Total) - Quality Control

	Result	Units	Notes	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch	
Aluminum - EPA 200.7 R4.4													*Bryan*
Blank	<0.005	mg/L	*J (0.002)*	0.005	08/01/17 14:53 MRG							M079385	
LCS	0.491	mg/L		0.005	08/01/17 14:56 MRG	0.500		98.2	84.5 - 115.4			M079385	
LCS Dup	0.462	mg/L		0.005	08/01/17 14:59 MRG	0.500		92.5	84.5 - 115.4	6.03	20	M079385	
Duplicate	0.009	mg/L		0.005	08/01/17 15:02 MRG		0.009			0.742	20	M079385	
Matrix Spike	0.636	mg/L		0.005	08/01/17 15:05 MRG	0.500	0.009	125	69.5 - 130.4			M079385	

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Metals (Total) - Quality Control

	Result	Units	Notes	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch	
Arsenic - EPA 200.7 R4.4													*Bryan*
Blank	<0.002	mg/L		0.002	08/01/17 14:53 MRG							M079385	
LCS	0.493	mg/L		0.002	08/01/17 14:56 MRG	0.500		98.6	84.5 - 115.4			M079385	
LCS Dup	0.462	mg/L		0.002	08/01/17 14:59 MRG	0.500		92.5	84.5 - 115.4	6.41	20	M079385	
Duplicate	<0.002	mg/L		0.002	08/01/17 15:02 MRG		<0.002				20	M079385	
Matrix Spike	0.530	mg/L		0.002	08/01/17 15:05 MRG	0.500	<0.002	106	69.5 - 130.4			M079385	
Boron - EPA 200.7 R4.4													*Bryan*
Blank	<0.012	mg/L		0.012	08/01/17 14:53 MRG							M079385	
LCS	0.469	mg/L		0.012	08/01/17 14:56 MRG	0.500		93.8	84.5 - 115.4			M079385	
LCS Dup	0.448	mg/L		0.012	08/01/17 14:59 MRG	0.500		89.6	84.5 - 115.4	4.62	20	M079385	
Duplicate	0.110	mg/L		0.012	08/01/17 15:02 MRG		0.117			6.37	20	M079385	
Matrix Spike	0.638	mg/L		0.012	08/01/17 15:05 MRG	0.500	0.117	104	69.5 - 130.4			M079385	
Calcium - EPA 200.7 R4.4													*Bryan*
Blank	<0.050	mg/L		0.050	08/01/17 15:42 MRG							M079386	
LCS	4.83	mg/L		0.050	08/01/17 15:45 MRG	5.00		96.7	84.5 - 115.4			M079386	
LCS Dup	4.71	mg/L		0.050	08/01/17 15:48 MRG	5.00		94.2	84.5 - 115.4	2.59	20	M079386	
Duplicate	41.9	mg/L		2.50	08/01/17 15:52 MRG		42.4			1.16	20	M079386	
Matrix Spike	289	mg/L		2.50	08/01/17 15:55 MRG	250	42.4	98.5	69.5 - 130.4			M079386	
Copper - EPA 200.7 R4.4													*Bryan*
Blank	<0.005	mg/L	*J (0.004)*	0.005	08/01/17 14:53 MRG							M079385	
LCS	0.486	mg/L		0.005	08/01/17 14:56 MRG	0.500		97.3	84.5 - 115.4			M079385	
LCS Dup	0.453	mg/L		0.005	08/01/17 14:59 MRG	0.500		90.5	84.5 - 115.4	7.16	20	M079385	
Duplicate	<0.005	mg/L	*RPD-03, J (0.004)*	0.005	08/01/17 15:02 MRG		<0.005			*21.9*	20	M079385	
Matrix Spike	0.518	mg/L		0.005	08/01/17 15:05 MRG	0.500	0.004	103	69.5 - 130.4			M079385	
Iron - EPA 200.7 R4.4													*Bryan*
Blank	<0.005	mg/L		0.005	08/01/17 14:53 MRG							M079385	
LCS	0.499	mg/L		0.005	08/01/17 14:56 MRG	0.500		99.7	84.5 - 115.4			M079385	
LCS Dup	0.461	mg/L		0.005	08/01/17 14:59 MRG	0.500		92.1	84.5 - 115.4	7.91	20	M079385	
Duplicate	<0.005	mg/L	*RPD-03, J (0.004)*	0.005	08/01/17 15:02 MRG		0.006			*58.3*	20	M079385	
Matrix Spike	0.497	mg/L		0.005	08/01/17 15:05 MRG	0.500	0.006	98.1	69.5 - 130.4			M079385	

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Metals (Total) - Quality Control

	Result	Units	Notes	SQL	Analyzed	Spike Amount	Source Result	%R	%R Limits	RPD	RPD Limit	Batch	
Magnesium - EPA 200.7 R4.4													*Bryan*
Blank	<0.0005	mg/L		0.0005	08/01/17 14:52 MRG							M079385	
LCS	0.492	mg/L		0.0005	08/01/17 14:56 MRG	0.500		98.5	84.5 - 115.4			M079385	
LCS Dup	0.458	mg/L		0.0005	08/01/17 14:59 MRG	0.500		91.6	84.5 - 115.4	7.29	20	M079385	
Duplicate	7.26	mg/L		0.0005	08/01/17 15:02 MRG		8.00			9.70	20	M079385	
Matrix Spike	8.13	mg/L	*ICP-4X*	0.0005	08/01/17 15:05 MRG	0.500	8.00	*25.4*	69.5 - 130.4			M079385	
Manganese - EPA 200.7 R4.4													*Bryan*
Blank	<0.0005	mg/L		0.0005	08/01/17 14:53 MRG							M079385	
LCS	0.499	mg/L		0.0005	08/01/17 14:56 MRG	0.500		99.8	84.5 - 115.4			M079385	
LCS Dup	0.457	mg/L		0.0005	08/01/17 14:59 MRG	0.500		91.4	84.5 - 115.4	8.80	20	M079385	
Duplicate	0.003	mg/L		0.0005	08/01/17 15:02 MRG		0.003			9.13	20	M079385	
Matrix Spike	0.496	mg/L		0.0005	08/01/17 15:05 MRG	0.500	0.003	98.7	69.5 - 130.4			M079385	
Potassium - EPA 200.7 R4.4													*Bryan*
Blank	<0.050	mg/L		0.050	08/01/17 14:52 MRG							M079385	
LCS	5.20	mg/L		0.050	08/01/17 14:56 MRG	5.00		104	84.5 - 115.4			M079385	
LCS Dup	4.93	mg/L		0.050	08/01/17 14:59 MRG	5.00		98.6	84.5 - 115.4	5.40	20	M079385	
Duplicate	4.56	mg/L		0.050	08/01/17 15:02 MRG		5.25			14.1	20	M079385	
Matrix Spike	13.9	mg/L	*MS-01*	0.050	08/01/17 15:05 MRG	5.00	5.25	*173*	69.5 - 130.4			M079385	
Sodium - EPA 200.7 R4.4													*Bryan*
Blank	<0.050	mg/L	*J (0.040)*	0.050	08/01/17 15:42 MRG							M079386	
LCS	5.10	mg/L		0.050	08/01/17 15:45 MRG	5.00		102	84.5 - 115.4			M079386	
LCS Dup	5.12	mg/L		0.050	08/01/17 15:48 MRG	5.00		102	84.5 - 115.4	0.565	20	M079386	
Duplicate	43.8	mg/L		2.50	08/01/17 15:52 MRG		44.3			1.02	20	M079386	
Matrix Spike	304	mg/L		2.50	08/01/17 15:55 MRG	250	44.3	104	69.5 - 130.4			M079386	
Zinc - EPA 200.7 R4.4													*Bryan*
Blank	<0.002	mg/L		0.002	08/01/17 14:53 MRG							M079385	
LCS	0.486	mg/L		0.002	08/01/17 14:56 MRG	0.500		97.2	84.5 - 115.4			M079385	
LCS Dup	0.451	mg/L		0.002	08/01/17 14:59 MRG	0.500		90.2	84.5 - 115.4	7.46	20	M079385	
Duplicate	0.004	mg/L		0.002	08/01/17 15:02 MRG		0.005			17.3	20	M079385	
Matrix Spike	0.467	mg/L		0.002	08/01/17 15:05 MRG	0.500	0.005	92.4	69.5 - 130.4			M079385	

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AQUA-TECH LABORATORIES, INC.

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Analytical Report

Hydro Resources

Report Printed: **8/3/17** **8:57**

A014979

Sample Preparation Summary

Sample	Method	Prepared	Lab	Bottle	Initial	Units	Final	Units	External Dilution Factor	Batch
A014979-01										
Aluminum	EPA 200.7 R4.4	7/20/17 12:35 MRG	Bryan	C	50.0	mL	25.0	mL	1	M079385
Arsenic	EPA 200.7 R4.4	7/20/17 12:35 MRG	Bryan	C	50.0	mL	25.0	mL	1	M079385
Boron	EPA 200.7 R4.4	7/20/17 12:35 MRG	Bryan	C	50.0	mL	25.0	mL	1	M079385
Calcium	EPA 200.7 R4.4	7/20/17 12:58 MRG	Bryan	C	1.00	mL	25.0	mL	1	M079386
Chloride	SM4500-Cl- B 1997	7/25/17 16:09 JMB	Bryan	A	40.0	mL	100	mL	1	M079502
Copper	EPA 200.7 R4.4	7/20/17 12:35 MRG	Bryan	C	50.0	mL	25.0	mL	1	M079385
Fluoride	SM4500-F C 2011	7/20/17 9:25 OYT	Bryan	A	25.0	mL	25.0	mL	1	M079370
Iron	EPA 200.7 R4.4	7/20/17 12:35 MRG	Bryan	C	50.0	mL	25.0	mL	1	M079385
Magnesium	EPA 200.7 R4.4	7/20/17 12:35 MRG	Bryan	C	50.0	mL	25.0	mL	1	M079385
Manganese	EPA 200.7 R4.4	7/20/17 12:35 MRG	Bryan	C	50.0	mL	25.0	mL	1	M079385
Nitrate/Nitrite as N	SM4500-NO3-F 2000	7/12/17 10:44 AJW	Bryan	D	10.0	mL	10.0	mL	1	M079177
Nitrite as N	SM4500 NO2- B 2000	7/7/17 14:10 MSA	Austin	B	25.0	mL	25.0	mL	1	M079067
pH, Lab	SM4500-H+ B 2000	7/10/17 14:17 AHL	Austin	B	50.0	mL	50.0	mL	1	M079117
Potassium	EPA 200.7 R4.4	7/20/17 12:35 MRG	Bryan	C	50.0	mL	25.0	mL	1	M079385
Sample Acidified to pH<2 in Lab	N/A	7/7/17 14:00 KK	Bryan	E	250	mL	250	mL	1	M072996
Sodium	EPA 200.7 R4.4	7/20/17 12:58 MRG	Bryan	C	1.00	mL	25.0	mL	1	M079386
Specific Conductance (adjusted to 25.0°C)	SM2510 B 1991	7/21/17 14:20 JMB	Bryan	A	25.0	mL	50.0	mL	1	M079444
Sulfate	ASTM D516 07	7/18/17 9:00 MRB	Bryan	A	4.00	mL	100	mL	1	M079302
Temperature @ pH Analysis	SM2550 B 2000	7/10/17 14:17 AHL	Austin	B	50.0	mL	50.0	mL	1	M079117
Total Alkalinity as CaCO3 (pH4.5)	SM2320 B 1997	7/21/17 16:00 MRB	Bryan	A	50.0	mL	200	mL	1	M079300
Total Dissolved Solids	SM2540 C 1997	7/13/17 15:43 BLR	Bryan	A	50.0	mL	100	mL	1	M079162
Zinc	EPA 200.7 R4.4	7/20/17 12:35 MRG	Bryan	C	50.0	mL	25.0	mL	1	M079385
A014979-01RE1										
Sample Acidified to pH<2 in Lab	N/A	7/7/17 14:00 KK	Bryan	D	100	mL	100	mL	1	M072976
A014979-01RE2										
Sample Acidified to pH<2 in Lab	N/A	7/7/17 14:00 KK	Bryan	C	250	mL	250	mL	1	M072996

AQUA-TECH LABORATORIES, INC.

Chain-of-Custody & Analysis Request

Bryan Lab: ☐
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C-O-C # 281456

NELAP ACCREDITED TNI LABORATORY

T10470437

V-0023 R0

Client / Project Name: Davenport ring

* DEFINITIONS: **DW** - Drinking Water **NP** - Non-Potable Water **S** – Solid **CM** – Custody Maintained **CTU** – Custody Transfer Unbroken

LAB USE ONLY (initials KK)

Field Sample ID	Start Date / Time	End Date / Time	Composite Type	Sample Matrix*	Container Volume	Container Type	Sample Pres. +	Analysis Requested	Cooler ID	Bottle pH	Sub-contract	Lab ID #
	7/7/17	10:19 AM	grab	NP	2x2L	P	1	Hardness TDS NO3 NO2	Clt	—	—	A014979-6
								Alk Cl F SO4 pH Cond				
								Al As B Ca Cu Fe Mg				
								Mn K Na Zn				
								MFE KK				

By relinquishing the above samples to Aqua-Tech, the client agrees to the following terms. Samples will be analyzed by a method that is within Aqua-Tech Laboratories' NELAC fields of accreditation. Analytes requiring a certified method that is not within Aqua-Tech's fields of accreditation will be subcontracted to a NELAC certified lab that is certified for that method. Clients will be notified of the subcontract lab's details. Other analytes not requiring accreditation will be analyzed by a compendial method. If a specific method is required, the client will the method in the "Analysis Requested" column. The client approves all method modifications documented by Aqua-Tech or the subcontract lab. A current list of Aqua-Tech's NELAC fields of accreditation and other methods are available on request.

Relinquished by: (print & sign)	Date	Time	Sample Info "X" all that apply	Rec'd by: (print & sign)	Date	Time	Sample Info "X" all that apply
☐ Client ☐ ATL Field ☑ Sampler Michael Scott Michael Scott	7/7/17	1:5	☐ Iced ☐ Chilled/Refrig ☐ Cust. Sealed ☐ Not Chilled	☐ Client ☐ ATL Field MFE KK			☐ Rec'd Chilled ☐ Cond Good ☐ CTU * ☐ Iced in Transit
☐ Client ☐ ATL Field			☐ Iced ☐ Chilled/Refrig ☐ CM * ☐ Not Chilled	☐ Client ☐ ATL Field			☐ Rec'd Chilled ☐ Cond Good ☐ CTU * ☐ Iced in Transit
☐ Client ☐ ATL Field arrival in Lab			☐ Iced ☐ Chilled/Refrig ☐ CM * ☐ Not Chilled	☑ Received in Lab Kelly Kotowski	7/7/17	337	☑ Rec'd Iced ☐ Not Rec'd Iced ☐ CTU * ☑ Cond Good

Field Sample ID	Time	pH	D.O.	Cl_2	Flow
		MFE KK			

Client Address and Phone # :
Hydro Resources

Client Comments:

Sample Pres. +

pH Paper ID#:	1 ≤ 6 °C (not frozen)	2 = H_2SO_4	3 = HCl	4 = HNO_3
5 = $Na_2S_2O_3$	6 = NaOH	7 =	8 =	9 =

(Line below documents condition at receipt in Laboratory by Sample Custodian. Lab location noted by check box at top of C-O-C.)

Cooler ID:	Temp °C:	CT	Therm ID:	Cooler ID:	Temp °C:	CT	Therm ID:
Clt	3.8 / 3.8		071557		/	MFE KK	

Laboratory Comments:

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