



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

August 21, 2018

Work Order #: **EH07013**

Tim Bakman
R.T. Diversified Inc.
P.O. Box 8271
Fresno, CA 93747

RE: Riverstone / Root Creek Water District

Enclosed are the analytical results for samples received by our laboratory on **08/07/18** . For your reference, these analyses have been assigned laboratory work order number **EH07013**.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Susan Federico
Client Services Representative

R.T. Diversified Inc.
P.O. Box 8271
Fresno CA, 93747

Project: Riverstone / Root Creek Water District
Project Number: 2010016
Project Manager: Tim Bakman

Reported:
08/21/2018

Analytical Report for the Following Samples

Sample ID	Notes	Laboratory ID	Matrix	Date Sampled	Date Received
Station #1		EH07013-01	Drinking Water	08/07/18 10:00	08/07/18 11:45
Station #3		EH07013-02	Drinking Water	08/07/18 09:45	08/07/18 11:45

R.T. Diversified Inc.
P.O. Box 8271
Fresno CA, 93747

Project: Riverstone / Root Creek Water District
Project Number: 2010016
Project Manager: Tim Bakman

Reported:
08/21/2018

Station #1

EH07013-01 (Drinking Water)

Sampled: 08/07/18 10:00

Analyte	Flag	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Microbiologicals									
Chlorine Residual (Client Supplied)		1.0		mg/L	1	U8H0821	08/07/18	08/07/18	-
Semi-Volatile Organics									
HAA5									
Bromoacetic Acid		ND	1.0	µg/L	1	U8H1605	08/16/18	08/17/18	EPA 552.2
Chloroacetic Acid		ND	2.0	µg/L	1	U8H1605	08/16/18	08/17/18	EPA 552.2
Dibromoacetic Acid		ND	1.0	µg/L	1	U8H1605	08/16/18	08/17/18	EPA 552.2
Dichloroacetic Acid		ND	1.0	µg/L	1	U8H1605	08/16/18	08/17/18	EPA 552.2
Total HAA5		0.0		µg/L	1	U8H1605	08/16/18	08/17/18	EPA 552.2
Trichloroacetic Acid		ND	1.0	µg/L	1	U8H1605	08/16/18	08/17/18	EPA 552.2
<i>Surr: 2,3-Dibromopropionic Acid</i>		104%	<i>Recovery Limits: 70% - 130%</i>			U8H1605	08/16/18	08/17/18	EPA 552.2

Volatile Organics

TTHM by 524.2

Bromodichloromethane		0.52	0.50	µg/L	1	U8H0708	08/07/18	08/07/18	EPA 524.2
Bromoform		1.2	0.50	µg/L	1	U8H0708	08/07/18	08/07/18	EPA 524.2
Chloroform		ND	0.50	µg/L	1	U8H0708	08/07/18	08/07/18	EPA 524.2
Dibromochloromethane		1.2	0.50	µg/L	1	U8H0708	08/07/18	08/07/18	EPA 524.2
TTHM		2.9	0.50	µg/L	1	U8H0708	08/07/18	08/07/18	EPA 524.2
<i>Surr: 1,2-Dichlorobenzene-d4</i>		94.0%	<i>Recovery Limits: 70% - 130%</i>			U8H0708	08/07/18	08/07/18	EPA 524.2
<i>Surr: 4-Bromofluorobenzene</i>		91.0%	<i>Recovery Limits: 70% - 130%</i>			U8H0708	08/07/18	08/07/18	EPA 524.2

Station #3

EH07013-02 (Drinking Water)

Sampled: 08/07/18 09:45

Analyte	Flag	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Microbiologicals									
Chlorine Residual (Client Supplied)		1.0		mg/L	1	U8H0821	08/07/18	08/07/18	-
Semi-Volatile Organics									
HAA5									
Bromoacetic Acid		ND	1.0	µg/L	1	U8H1605	08/16/18	08/17/18	EPA 552.2
Chloroacetic Acid		ND	2.0	µg/L	1	U8H1605	08/16/18	08/17/18	EPA 552.2
Dibromoacetic Acid		ND	1.0	µg/L	1	U8H1605	08/16/18	08/17/18	EPA 552.2
Dichloroacetic Acid		ND	1.0	µg/L	1	U8H1605	08/16/18	08/17/18	EPA 552.2
Total HAA5		0.0		µg/L	1	U8H1605	08/16/18	08/17/18	EPA 552.2
Trichloroacetic Acid		ND	1.0	µg/L	1	U8H1605	08/16/18	08/17/18	EPA 552.2
<i>Surr: 2,3-Dibromopropionic Acid</i>		85.0%	<i>Recovery Limits: 70% - 130%</i>			U8H1605	08/16/18	08/17/18	EPA 552.2

Volatile Organics

TTHM by 524.2

Bromodichloromethane		0.60	0.50	µg/L	1	U8H0708	08/07/18	08/07/18	EPA 524.2
Bromoform		1.1	0.50	µg/L	1	U8H0708	08/07/18	08/07/18	EPA 524.2
Chloroform		ND	0.50	µg/L	1	U8H0708	08/07/18	08/07/18	EPA 524.2
Dibromochloromethane		1.2	0.50	µg/L	1	U8H0708	08/07/18	08/07/18	EPA 524.2
TTHM		2.8	0.50	µg/L	1	U8H0708	08/07/18	08/07/18	EPA 524.2
<i>Surr: 1,2-Dichlorobenzene-d4</i>		95.0%	<i>Recovery Limits: 70% - 130%</i>			U8H0708	08/07/18	08/07/18	EPA 524.2

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Project: Riverstone / Root Creek Water District
Project Number: 2010016
Project Manager: Tim Bakman

Reported:
08/21/2018

Station #3

EH07013-02 (Drinking Water)

Sampled: 08/07/18 09:45

Analyte	Flag	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
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Volatile Organics

TTHM by 524.2

Surr: 4-Bromofluorobenzene		92.0%	Recovery Limits: 70% - 130%			U8H0708	08/07/18	08/07/18	EPA 524.2
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Notes and Definitions

- BS4 Recovery for this analyte was biased low, but was within 10% of the LCL.
 - µg/L micrograms per liter (parts per billion concentration units)
 - mg/L milligrams per liter (parts per million concentration units)
 - mg/kg milligrams per kilogram (parts per million concentration units)
 - ND Analyte NOT DETECTED at or above the reporting limit
 - RPD Relative Percent Difference
- Analysis of pH, filtration, and residual chlorine is to take place immediately after sampling in the field.
If the test was performed in the laboratory, the hold time was exceeded. (for aqueous matrices only)

ANALYTICAL CHEMISTRY DIVISION
CALIFORNIA ELAP CERTIFICATION # 1371

WORKORDER #:
PAGE 1 **OF** 2

EH07013

REPORT TO:

INVOICE TO:

REPORT COPY TO:

REPORTING :

ATTENTION: <i>TIM BAKMAN</i>	ATTENTION:	<input type="checkbox"/> STANDARD FORMAT <input type="checkbox"/> EDT (STATE FORM) <input type="checkbox"/> GEOTRACKER/COELT (LUFT) <input type="checkbox"/> PDF <input type="checkbox"/> EXCEL <input type="checkbox"/> County DHS : _____ <input type="checkbox"/> Environmental Health Agency : _____ <input type="checkbox"/> OTHER : _____
NAME: <i>RT DIVERSIFIED</i>	NAME:	
ADDRESS: <i>P.O. BOX 8271</i>	ADDRESS:	
<i>FRESNO, CA 93747</i>		
PHONE: <i>(559) 255-2305</i>	PHONE:	
FAX: <i>(559) 255-3291</i>	FAX:	

SAMPLE INFORMATION		SAMPLE TYPES:	PROJECT INFORMATION
SAMPLED BY (PRINT): <i>Steve P...</i>	SIGNATURE: <i>[Signature]</i>	SOLID: BS - BIOSOLID CR - CERAMIC SL - SOIL/SOLID	CONTRACT/P.O. NO.:
<input checked="" type="checkbox"/> PUBLIC SYSTEM <input type="checkbox"/> ROUTINE <input type="checkbox"/> PRIVATE WELL <input type="checkbox"/> REPEAT <input type="checkbox"/> OTHER <input type="checkbox"/> REPLACEMENT		LIQUID: DW - DRINKING WATER GW - GROUND WATER OL - OIL SF - SURFACE WATER ST - STORM WATER WW - WASTE WATER	PROJECT:
TURN AROUND TIME: <input type="checkbox"/> RUSH, DUE ON:	<input checked="" type="checkbox"/> STANDARD		PROJECT NUMBER:
			PROJECT MANAGER:

L A B U S E	NOTES ON RECEIVED CONDITION:				ANALYSIS REQUESTED										System Number / Station Code <i>2010016</i>	
	<input type="checkbox"/> CUSTODY SEAL(S) BROKEN <input type="checkbox"/> SAMPLE(S) DAMAGED <input type="checkbox"/> ON ICE <input type="checkbox"/> AMBIENT TEMP. <input type="checkbox"/> INCORRECT PRESERVATION				HAAS	TTHM	CL2 RESIDUAL									
	CLIENT SAMPLE ID	DATE	TIME	TYPE												
	<i>STATION # 1</i>	<i>8/7/18</i>	<i>10:00</i>	<i>DW</i>	<i>X</i>	<i>X</i>	<i>1.0 mg/l</i>									<i>900</i>
	<i>STATION # 3</i>	<i>8/7/18</i>	<i>9:45</i>	<i>DW</i>	<i>X</i>	<i>X</i>	<i>1.0 mg/l</i>									<i>901</i>

COMMENTS/ADDITIONAL INSTRUCTIONS:
Stage 1 & 2 DBPR

RELINQUISHED BY <i>[Signature]</i>	COMPANY <i>RTD</i>	DATE <i>8/2/18</i>	TIME <i>1145</i>	RECEIVED BY <i>[Signature]</i>	COMPANY
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