

1 of 1

874557 tceqdw Print Group 001 of 001

MHWJ

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER QUALITY PARAMETER MONITORING FORM 20679											
Completed by PWS (or Agent)						Completed by Laboratory					
PWS Name:		Military Highway Water Supply Corp., Joines Rd. WTP				Laboratory Name:		Ana- Lab Corporation			
PWS ID#:		TX 1080067				TCEQ Lab ID #:		Tx 219			
PWS Address:		P O Box 250, Progreso Tx 78579				Laboratory Address:		2600 Dudley Rd.			
PWS Contact:		Ramon Rosales Jr				Laboratory Contact:		Kilgore Tx 75662-3730			
PWS Contact Phone #:		956 565 2491				Laboratory Contact:		Tracey W Varvel Q. M.			
Inhibitor or Stabilizer Used (Y):		Alkalinity Dosage Rate: N/A				Inhibitor Dosage Rate:		Silica			
TREATMENT		Alkalinity Dosage Rate: N/A				Inhibitor Dosage Rate:		Calcium carbonate			
Sample Information						Sample Conditions Upon Receipt (V)					
Sample Type (Y):		Compliance				Non-compliance		Samples received unprocessed?			
Sample Collector (Y):		Public Water System				Accredited Lab		Rejection Code (if applicable):			
Temperature and pH (Y or N):		Y				Average temperature and pH indicated on the sampling entity's Laboratory Approval Form on file at the TCEQ?		Actual / Corrected sample temperature:			
Sample ID (e.g. DS01, DSTWQP, EWQP)		Date (MMDDYY)		Time - 24 hr (HHMM)		pH		Temp (°C)		Thermometer ID #:	
Sample Location		Date (MMDDYY)		Time - 24 hr (HHMM)		pH		Temp (°C)		Thermometer ID #:	
DS01		5-17-19		9:40		7.30		26.1		518/41020	
DS01		5-17-19		10:05		7.15		26.4		518/41020	
DS01		5-17-19		10:20		7.16		26.1		518/41020	
PBCU009		5-17-19		10:30		6.91		27.2		518/41020	
Sample Point ID (e.g. DS01, DSTWQP, EWQP)		Date (MMDDYY)		Time - 24 hr (HHMM)		pH		Temp (°C)		Thermometer ID #:	
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DS01		5-17-19		10:20							



Ana-Lab Corp.
P.O. Box 9000
Kilgore, TX 75663
903/984-0551

LELAP-accredited #02008

Report

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Military Highway Water Supply
R. Rosales
Joines Rd. WTP
P.O. Box 250
Progreso, TX 78579

Account

MHWJ-R

Project

874557

TCEQ WQP TX1080067

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874557_r10_05_ProjectQC	Ana-Lab Project P:874557 C:MHWJ Project Quality Control Groups	8
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Corporate Shipping: 2600 Dudley Rd. Kilgore, TX 75662



NELAP-accredited #T104704201-19-15



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Report To

Military Highway Water Supply
R. Rosales
Joines Rd. WTP
P.O. Box 250
Progreso, TX 78579

TCEQ WQP TX1080067

Account
MHWJ-R

Results

1784728 DSTWQP 2D-27453 WILLIAM CIRCLE SAN BENITO

Received: 05/18/2019

Drinking Water

Collected by: Jaime Salinas Ana-Lab
Taken: 05/17/2019 09:40:00

PO:

EPA 200.7 4.4		Prepared:	839216	05/21/2019	09:50:00	Analyzed	839888	05/23/2019	19:10:00	LPS
Parameter	Results	Units	RL	Flag	CAS	Bottle				
N Iron, Total	<0.500	mg/L	0.500		7439-89-6	03				
EPA 200.7 4.4		Prepared:	839216	05/21/2019	09:50:00	Analyzed	840405	05/28/2019	15:13:00	LPS
Parameter	Results	Units	RL	Flag	CAS	Bottle				
N Calcium	53.7	mg/L	5.00		7440-70-2	03				
N Sodium	242	mg/L	5.00		7440-23-5	03				
EPA 200.8 5.4		Prepared:	839216	05/21/2019	09:50:00	Analyzed	839331	05/21/2019	15:54:00	CLK
Parameter	Results	Units	RL	Flag	CAS	Bottle				
N Manganese, Total	0.0122	mg/L	0.001		7439-96-5	03				
EPA 300.0 2.1		Prepared:	839724	05/21/2019	09:02:00	Analyzed	839724	05/21/2019	09:02:00	AMB
Parameter	Results	Units	RL	Flag	CAS	Bottle				
N Chloride	249	mg/L	5.00			01				
EPA 300.0 2.1		Prepared:	840025	05/24/2019	08:28:00	Analyzed	840025	05/24/2019	08:28:00	AMB
Parameter	Results	Units	RL	Flag	CAS	Bottle				
N Sulfate	242	mg/L	30.0			01				
SM 2320 B-2011		Prepared:	839411	05/22/2019	08:01:00	Analyzed	839411	05/22/2019	08:01:00	ELS
Parameter	Results	Units	RL	Flag	CAS	Bottle				
N Total Alkalinity (as CaCO3)	166	mg/L	1.00			01				
SM 2340 C-2011		Prepared:	839941	05/23/2019	15:30:00	Analyzed	839941	05/23/2019	15:30:00	ESG
Parameter	Results	Units	RL	Flag	CAS	Bottle				
N Total Hardness (as CaCO3)	230	mg/L	50			02				





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1784728 DSTWQP 2D-27453 WILLIAM CIRCLE SAN BENITO

Received: 05/18/2019

Drinking Water

Collected by: Jaime Salinas Ana-Lab

PO:

Taken: 05/17/2019 09:40:00

SM 2510 B-97 Prepared: 839269 05/21/2019 11:00:00 Analyzed 839269 05/21/2019 11:00:00 ELS

Parameter	Results	Units	RL	Flag	CAS	Bottle
N Lab Spec. Conductance at 25 C	1550	umhos/cm				01

SM 2540 C-97 Prepared: 839474 05/21/2019 08:45:00 Analyzed 839474 05/21/2019 08:45:00 TH2

Parameter	Results	Units	RL	Flag	CAS	Bottle
N Total Dissolved Solids	1030	mg/L	50.0			01

SM 2550 B - 2010 Prepared: 838953 05/17/2019 09:40:00 Analyzed 838953 05/17/2019 09:40:00 JAS

Parameter	Results	Units	RL	Flag	CAS	Bottle
N Temperature (onsite)	26.1	Degrees C	1			

SM 4500-H+ B-2011 Prepared: 838952 05/17/2019 09:40:00 Analyzed 838952 05/17/2019 09:40:00 JAS

Parameter	Results	Units	RL	Flag	CAS	Bottle
N pH (Onsite)	7.3	SU				

1784729 DSTWQP 2E-32420 ROAD 819 250 L SAN BENITO

Received: 05/18/2019

Drinking Water

Collected by: Jaime Salinas Ana-Lab

PO:

Taken: 05/17/2019 10:05:00

EPA 200.7 4.4 Prepared: 839216 05/21/2019 09:50:00 Analyzed 839888 05/23/2019 19:14:00 LPS

Parameter	Results	Units	RL	Flag	CAS	Bottle
N Calcium	47.6	mg/L	0.500	P	7440-70-2	03
N Iron, Total	<0.500	mg/L	0.500		7439-89-6	03

EPA 200.7 4.4 Prepared: 839216 05/21/2019 09:50:00 Analyzed 840298 05/28/2019 13:21:00 LPS

Parameter	Results	Units	RL	Flag	CAS	Bottle
N Sodium	204	mg/L	5.00		7440-23-5	03

EPA 200.8 5.4 Prepared: 839216 05/21/2019 09:50:00 Analyzed 839331 05/21/2019 15:15:00 CLK

Parameter	Results	Units	RL	Flag	CAS	Bottle
N Manganese, Total	0.0215	mg/L	0.001		7439-96-5	03

EPA 300.0 2.1 Prepared: 839724 05/21/2019 09:24:00 Analyzed 839724 05/21/2019 09:24:00 AMB

Parameter	Results	Units	RL	Flag	CAS	Bottle
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Results

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1784729	DSTWQP 2E-32420 ROAD 819 250 L	SAN BENITO	Received: 05/18/2019
Drinking Water	Collected by: Jaime Salinas	Ana-Lab	PO:
	Taken: 05/17/2019 10:05:00		
EPA 300.0 2.1	Prepared: 839724	05/21/2019 09:24:00	Analyzed 839724 05/21/2019 09:24:00 AMB
Parameter	Results	Units RL	Flag CAS Bottle
N Chloride	230	mg/L 5.00	01
N Sulfate	241	mg/L 5.00	01
SM 2320 B-2011	Prepared: 839411	05/22/2019 08:01:00	Analyzed 839411 05/22/2019 08:01:00 ELS
Parameter	Results	Units RL	Flag CAS Bottle
N Total Alkalinity (as CaCO3)	156	mg/L 1.00	01
SM 2340 C-2011	Prepared: 839941	05/23/2019 15:30:00	Analyzed 839941 05/23/2019 15:30:00 ESG
Parameter	Results	Units RL	Flag CAS Bottle
N Total Hardness (as CaCO3)	190	mg/L 50	02
SM 2510 B-97	Prepared: 839269	05/21/2019 11:00:00	Analyzed 839269 05/21/2019 11:00:00 ELS
Parameter	Results	Units RL	Flag CAS Bottle
N Lab Spec. Conductance at 25 C	1420	umhos/cm	01
SM 2540 C-97	Prepared: 839488	05/21/2019 08:45:00	Analyzed 839488 05/21/2019 08:45:00 TH2
Parameter	Results	Units RL	Flag CAS Bottle
N Total Dissolved Solids	810	mg/L 50.0	01
SM 2550 B - 2010	Prepared: 838953	05/17/2019 10:05:00	Analyzed 838953 05/17/2019 10:05:00 JAS
Parameter	Results	Units RL	Flag CAS Bottle
N Temperature (onsite)	26.4	Degrees C	1
SM 4500-H+ B-2011	Prepared: 838952	05/17/2019 10:05:00	Analyzed 838952 05/17/2019 10:05:00 JAS
Parameter	Results	Units RL	Flag CAS Bottle
N pH (Onsite)	7.2	SU	
1784730	DSTWQP 2F-31205 BORZYNSKI FARM	SAN BENITO	Received: 05/18/2019
Drinking Water	Collected by: Jaime Salinas	Ana-Lab	PO:
	Taken: 05/17/2019 10:20:00		





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1784730 DSTWQP 2F-31205 BORZYNSKI FARM SAN BENITO

Received: 05/18/2019

Drinking Water

Collected by: Jaime Salinas Ana-Lab

PO:

Taken: 05/17/2019 10:20:00

EPA 200.7 4.4 Prepared: 839216 05/21/2019 09:50:00 Analyzed 839888 05/23/2019 19:24:00 LPS

Parameter	Results	Units	RL	Flag	CAS	Bottle
N Calcium	48.1	mg/L	0.500		7440-70-2	03
N Iron, Total	<0.500	mg/L	0.500		7439-89-6	03

EPA 200.7 4.4 Prepared: 839216 05/21/2019 09:50:00 Analyzed 840298 05/28/2019 13:11:00 LPS

Parameter	Results	Units	RL	Flag	CAS	Bottle
N Sodium	204	mg/L	5.00		7440-23-5	03

EPA 200.8 5.4 Prepared: 839216 05/21/2019 09:50:00 Analyzed 839331 05/21/2019 15:58:00 CLK

Parameter	Results	Units	RL	Flag	CAS	Bottle
N Manganese, Total	0.0152	mg/L	0.001		7439-96-5	03

EPA 300.0 2.1 Prepared: 839724 05/21/2019 10:33:00 Analyzed 839724 05/21/2019 10:33:00 AMB

Parameter	Results	Units	RL	Flag	CAS	Bottle
N Chloride	235	mg/L	5.00			01
N Sulfate	254	mg/L	5.00			01

SM 2320 B-2011 Prepared: 839811 05/23/2019 08:04:00 Analyzed 839811 05/23/2019 08:04:00 ELS

Parameter	Results	Units	RL	Flag	CAS	Bottle
N Total Alkalinity (as CaCO3)	159	mg/L	1.00			01

SM 2340 C-2011 Prepared: 839941 05/23/2019 15:30:00 Analyzed 839941 05/23/2019 15:30:00 ESG

Parameter	Results	Units	RL	Flag	CAS	Bottle
N Total Hardness (as CaCO3)	250	mg/L	50			02

SM 2510 B-97 Prepared: 839269 05/21/2019 11:00:00 Analyzed 839269 05/21/2019 11:00:00 ELS

Parameter	Results	Units	RL	Flag	CAS	Bottle
N Lab Spec. Conductance at 25 C	1440	umhos/cm				01

SM 2540 C-97 Prepared: 839488 05/21/2019 08:45:00 Analyzed 839488 05/21/2019 08:45:00 TH2

Parameter	Results	Units	RL	Flag	CAS	Bottle
N Total Dissolved Solids	830	mg/L	50.0			01

SM 2550 B - 2010 Prepared: 838953 05/17/2019 10:20:00 Analyzed 838953 05/17/2019 10:20:00 JAS

Parameter	Results	Units	RL	Flag	CAS	Bottle
N Temperature (onsite)	26.1	Degrees C	1			

Corporate Shipping: 2600 Dudley Rd. Kilgore, TX 75662

RGV Region: 2039 E. Price Rd. Ste. E Brownsville TX 78521



NELAP-accredited #T104704201-19-15



Results

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1784730	DSTWQP 2F-31205 BORZYNSKI FARM SAN BENITO							Received:	05/18/2019	
Drinking Water	Collected by:	Jaime Salinas		Ana-Lab		PO:				
	Taken:	05/17/2019	10:20:00							
SM 4500-H+ B-2011	Prepared:	838952	05/17/2019	10:20:00	Analyzed	838952	05/17/2019	10:20:00	JAS	
Parameter	Results	Units	RL		Flag		CAS		Bottle	
N pH (Onsite)	7.2	SU								
1784731	EWQP JOINES RD WTP 23494 JONES SAN BENITO							Received:	05/18/2019	
Drinking Water	Collected by:	Jaime Salinas		Ana-Lab		PO:				
	Taken:	05/17/2019	10:30:00							
EPA 200.7 4.4	Prepared:	839216	05/21/2019	09:50:00	Analyzed	839888	05/23/2019	19:27:00	LPS	
Parameter	Results	Units	RL		Flag		CAS		Bottle	
N Iron, Total	<0.500	mg/L	0.500				7439-89-6		03	
EPA 200.7 4.4	Prepared:	839216	05/21/2019	09:50:00	Analyzed	840405	05/28/2019	15:17:00	LPS	
Parameter	Results	Units	RL		Flag		CAS		Bottle	
N Calcium	48.1	mg/L	5.00				7440-70-2		03	
N Sodium	224	mg/L	5.00				7440-23-5		03	
EPA 200.8 5.4	Prepared:	839216	05/21/2019	09:50:00	Analyzed	839331	05/21/2019	16:02:00	CLK	
Parameter	Results	Units	RL		Flag		CAS		Bottle	
N Manganese, Total	0.0237	mg/L	0.001				7439-96-5		03	
EPA 300.0 2.1	Prepared:	839724	05/21/2019	11:19:00	Analyzed	839724	05/21/2019	11:19:00	AMB	
Parameter	Results	Units	RL		Flag		CAS		Bottle	
N Chloride	198	mg/L	5.00						01	
N Sulfate	211	mg/L	5.00						01	
SM 2320 B-2011	Prepared:	839811	05/23/2019	08:04:00	Analyzed	839811	05/23/2019	08:04:00	ELS	
Parameter	Results	Units	RL		Flag		CAS		Bottle	
N Total Alkalinity (as CaCO3)	159	mg/L	1.00						01	
SM 2340 C-2011	Prepared:	839941	05/23/2019	15:30:00	Analyzed	839941	05/23/2019	15:30:00	ESC	
Parameter	Results	Units	RL		Flag		CAS		Bottle	
N Total Hardness (as CaCO3)	250	mg/L	50						02	
SM 2510 B-97	Prepared:	839269	05/21/2019	11:00:00	Analyzed	839269	05/21/2019	11:00:00	ELS	
Parameter	Results	Units	RL		Flag		CAS		Bottle	





Results

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1784731 EWQP JOINES RD WTP 23494 JONES SAN BENITO

Received: 05/18/2019

Drinking Water

Collected by: Jaime Salinas Ana-Lab

PO:

Taken: 05/17/2019 10:30:00

SM 2510 B-97 Prepared: 839269 05/21/2019 11:00:00 Analyzed 839269 05/21/2019 11:00:00 ELS

Parameter	Results	Units	RL	Flag	CAS	Bottle
N Lab Spec. Conductance at 25 C	1490	umhos/cm				01

SM 2540 C-97 Prepared: 839488 05/21/2019 08:45:00 Analyzed 839488 05/21/2019 08:45:00 TH2

Parameter	Results	Units	RL	Flag	CAS	Bottle
N Total Dissolved Solids	800	mg/L	50.0			01

SM 2550 B - 2010 Prepared: 838953 05/17/2019 10:30:00 Analyzed 838953 05/17/2019 10:30:00 JAS

Parameter	Results	Units	RL	Flag	CAS	Bottle
N Temperature (onsite)	27.2	Degrees C	1			

SM 4500-H+ B-2011 Prepared: 838952 05/17/2019 10:30:00 Analyzed 838952 05/17/2019 10:30:00 JAS

Parameter	Results	Units	RL	Flag	CAS	Bottle
N pH (Onsite)	6.9	SU				

Sample Preparation

1784728 DSTWQP 2D-27453 WILLIAM CIRCLE SAN BENITO

Received: 05/18/2019

Prepared: 05/31/2019 00:00:00 Analyzed 05/31/2019 00:00:00 TWV

z TCEQ WQP Form

See attached

Prepared: 838946 05/18/2019 10:20:00 Analyzed 838946 05/18/2019 10:20:00 AMB

z Bottle pH

Adj(<2)

SU

02

EPA 200.2 2.8 Prepared: 839216 05/21/2019 09:50:00 Analyzed 839216 05/21/2019 09:50:00 LPI

N Liquid Metals Digestion

50/50

ml

02





Results

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1784728 DSTWQP 2D-27453 WILLIAM CIRCLE SAN BENITO

Received: 05/18/2019

SM 2540 C-97 Prepared: 839054 05/21/2019 08:45:00 Analyzed 839054 05/21/2019 08:45:00 TH2

N Total Dissolved Solids Started

Started

1784729 DSTWQP 2E-32420 ROAD 819 250 L SAN BENITO

Received: 05/18/2019

Prepared: 838946 05/18/2019 10:20:00 Analyzed 838946 05/18/2019 10:20:00

z Bottle pH Adj(<2) SU 02

EPA 200.2 2.8 Prepared: 839216 05/21/2019 09:50:00 Analyzed 839216 05/21/2019 09:50:00 LPI

N Liquid Metals Digestion 50/50 ml 02

SM 2540 C-97 Prepared: 839062 05/21/2019 08:45:00 Analyzed 839062 05/21/2019 08:45:00 TH2

N Total Dissolved Solids Started

Started

1784730 DSTWQP 2F-31205 BORZYNSKI FARM SAN BENITO

Received: 05/18/2019

Prepared: 838946 05/18/2019 10:20:00 Analyzed 838946 05/18/2019 10:20:00

z Bottle pH Adj(<2) SU 02

EPA 200.2 2.8 Prepared: 839216 05/21/2019 09:50:00 Analyzed 839216 05/21/2019 09:50:00 LPI

N Liquid Metals Digestion 50/50 ml 02





Results

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1784730 DSTWQP 2F-31205 BORZYNSKI FARM SAN BENITO

Received: 05/18/2019

SM 2540 C-97 Prepared: 839062 05/21/2019 08:45:00 Analyzed 839062 05/21/2019 08:45:00 TH2

N Total Dissolved Solids Started

Started

1784731 EWQP JOINES RD WTP 23494 JONES SAN BENITO

Received: 05/18/2019

Prepared: 838946 05/18/2019 10:20:00 Analyzed 838946 05/18/2019 10:20:00

z Bottle pH Adj(<2) SU 02

EPA 200.2 2.8 Prepared: 839216 05/21/2019 09:50:00 Analyzed 839216 05/21/2019 09:50:00 LPI

N Liquid Metals Digestion 50/50 ml 02

SM 2540 C-97 Prepared: 839062 05/21/2019 08:45:00 Analyzed 839062 05/21/2019 08:45:00 TH2

N Total Dissolved Solids Started

Started





Results

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Qualifiers:

P - Spike recovery outside control limits due to matrix effects.

We report results on an As Received or wet basis unless marked Dry Weight. Unless otherwise noted, testing was performed at Ana-labs corporate laboratory that holds the following Federal and State certificates: EPA Lab Number TX00063, US Department of Agriculture Soil Import Permit P330-17-00117, Texas Commission on Environmental Quality Commercial Drinking Water Lab Approval (Lab ID: TX219), Texas Commission on Environmental Quality NELAP T104704201-19-15, Louisiana Department of Environmental Quality Laboratory Certification (NELAP, LELAP) #02008, Louisiana Department of Health and Hospitals Drinking Water (NELAP) Certificate No LA026, Oklahoma Department of Environmental Quality TNI Laboratory Accreditation Program Certificate No. 2018-126, Arkansas Department of Environmental Quality Certification #18-068-0. The Accredited column designates accreditation by N -- NELAC, or z -- not covered under NELAC scope of accreditation.

These analytical results relate to the sample tested. This report may NOT be reproduced EXCEPT in FULL without written approval of Ana-Lab Corp. Unless otherwise specified, these test results meet the requirements of NELAC.

RL is the Reporting Limit (sample specific quantitation limit) and is at or above the Method Detection Limit (MDL). CAS is Chemical Abstract Service number. RL is our Reporting Limit, or Minimum Quantitation Level. The RL takes into account the Instrument Detection Limit (IDL), Method Detection Limit (MDL), and Practical Quantitation Limit (PQL), and any dilutions and/or concentrations performed during sample preparation (EQL). Our analytical result must be above this RL before we report a value in the 'Results' column of our report (without a 'J' flag). Otherwise, we report ND (Not Detected above RL), because the result is "<" (less than) the number in the RL column. MAL is Minimum Analytical Level and is typically from regulatory agencies. Unless we report a result in the result column, or interferences prevent it, we work to have our RL at or below the MAL.

Trey Peery, MA, Project Manager





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Report To

Military Highway Water Supply
R. Rosales
Joines Rd. WTP
P.O. Box 250
Progreso, TX 78579

Account
MHWJ-R

Analytical Set 838952

SM 4500-IH+ B-2011

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	File
pH (Onsite)	6.00	6.00	SU	100	90 - 110	

Duplicate

Parameter	Sample	Result	Unknown	Unit	RPD	Limit%
pH (Onsite)	1784728	7.3	7.3	SU		20

Standard

Parameter	Sample	Reading	Known	Units	Recover%	Limits%	File
pH (Onsite)	838952	8.01	8.00	SU	100.1	90 - 110	

Analytical Set 839474

SM 2540 C-97

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Total Dissolved Solids	839474	ND	5.00	5.00	mg/L	119954144

ControlBlk

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Total Dissolved Solids	839474	0.0004			grams	119954131

Duplicate

Parameter	Sample	Result	Unknown	Unit	RPD	Limit%
Total Dissolved Solids	1783764	3470	3310	mg/L	4.72	20.0

LCS

Parameter	PrepSet	Reading	Known	Units	Recover%	Limits	File
Total Dissolved Solids	839474	202	200	mg/L	101	85.0 - 115	119954145

Standard

Parameter	Sample	Reading	Known	Units	Recover%	Limits%	File
Total Dissolved Solids		106	100	mg/L	106	90.0 - 110	119954132

Analytical Set 839488

SM 2540 C-97

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Total Dissolved Solids	839488	ND	5.00	5.00	mg/L	119954260

ControlBlk

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Total Dissolved Solids	839488	0.0001			grams	119954247

Duplicate

Parameter	Sample	Result	Unknown	Unit	RPD	Limit%
Total Dissolved Solids	1784729	830	810	mg/L	2.44	20.0





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LCS

<u>Parameter</u>	<u>PrepSet</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits</u>	<u>File</u>
Total Dissolved Solids	839488	214	200	mg/L	107	85.0 - 115	119954261

Standard

<u>Parameter</u>	<u>Sample</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>File</u>
Total Dissolved Solids		100	100	mg/L	100	90.0 - 110	119954248

Analytical Set 839724

EPA 300.0 2.1

Blank

<u>Parameter</u>	<u>PrepSet</u>	<u>Reading</u>	<u>MDL</u>	<u>SQL</u>	<u>Units</u>	<u>File</u>
Chloride	839724	0.027	0.0053	0.300	mg/L	119960132
Sulfate	839724	0.010	0.00775	0.300	mg/L	119960132

CCV

<u>Parameter</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>File</u>
Chloride	10.5	10.0	mg/L	105	90.0 - 110	119960128
	10.5	10.0	mg/L	105	90.0 - 110	119960143
	10.4	10.0	mg/L	104	90.0 - 110	119960157
Sulfate	10.0	10.0	mg/L	100	90.0 - 110	119960128
	10.0	10.0	mg/L	100	90.0 - 110	119960143
	9.94	10.0	mg/L	99.4	90.0 - 110	119960157

LCS Dup

<u>Parameter</u>	<u>PrepSet</u>	<u>LCS</u>	<u>LCSD</u>	<u>Known</u>	<u>Limits%</u>	<u>LCS%</u>	<u>LCSD%</u>	<u>Units</u>	<u>RPD</u>	<u>Limit%</u>
Chloride	839724	5.23	5.16	5.00	85.0 - 110	105	103	mg/L	1.35	20.0
Sulfate	839724	5.29	5.22	5.00	88.0 - 110	106	104	mg/L	1.33	20.0

MSD

<u>Parameter</u>	<u>Sample</u>	<u>MS</u>	<u>MSD</u>	<u>UNK</u>	<u>Known</u>	<u>Limits</u>	<u>MS%</u>	<u>MSD%</u>	<u>Units</u>	<u>RPD</u>	<u>Limit%</u>
Chloride	1784960	15.7	15.7	7.67	10.0	80.0 - 120	80.3	80.3	mg/L	0	20.0
Sulfate	1784960	18.5	18.4	10.4	10.0	80.0 - 120	81.0	80.0	mg/L	1.24	20.0
Chloride	1784961	20.2	20.1	11.5	10.0	80.0 - 120	87.0	86.0	mg/L	1.16	20.0
Sulfate	1784961	43.7	43.6	35.1	10.0	80.0 - 120	86.0	85.0	mg/L	1.17	20.0

Analytical Set 840025

EPA 300.0 2.1

Blank

<u>Parameter</u>	<u>PrepSet</u>	<u>Reading</u>	<u>MDL</u>	<u>SQL</u>	<u>Units</u>	<u>File</u>
Sulfate	840025	0.058	0.00775	0.300	mg/L	119965705

CCV

<u>Parameter</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>File</u>
Sulfate	10.2	10.0	mg/L	102	90.0 - 110	119965701
	10.3	10.0	mg/L	103	90.0 - 110	119965714

LCS Dup

<u>Parameter</u>	<u>PrepSet</u>	<u>LCS</u>	<u>LCSD</u>	<u>Known</u>	<u>Limits%</u>	<u>LCS%</u>	<u>LCSD%</u>	<u>Units</u>	<u>RPD</u>	<u>Limit%</u>
Sulfate	840025	5.10	5.14	5.00	88.0 - 110	102	103	mg/L	0.781	20.0

MSD

<u>Parameter</u>	<u>Sample</u>	<u>MS</u>	<u>MSD</u>	<u>UNK</u>	<u>Known</u>	<u>Limits</u>	<u>MS%</u>	<u>MSD%</u>	<u>Units</u>	<u>RPD</u>	<u>Limit%</u>
Sulfate	1784369	29.4	30.4	21.3	10.0	80.0 - 120	81.0	91.0	mg/L	11.6	20.0

Analytical Set 839331

EPA 200.8 5.4





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Blank

<u>Parameter</u>	<u>PrepSet</u>	<u>Reading</u>	<u>MDL</u>	<u>MQL</u>	<u>Units</u>	<u>File</u>
Manganese, Total	839216	ND	0.000105	0.001	mg/L	119950663

CCV

<u>Parameter</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>File</u>
Manganese, Total	0.0506	0.05	mg/L	101	90.0 - 110	119950634
	0.050	0.05	mg/L	100	90.0 - 110	119950645
	0.0498	0.05	mg/L	99.6	90.0 - 110	119950655
	0.050	0.05	mg/L	100	90.0 - 110	119950662
	0.050	0.05	mg/L	100	90.0 - 110	119950672
	0.0491	0.05	mg/L	98.2	90.0 - 110	119950681

ICV

<u>Parameter</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>File</u>
Manganese, Total	0.0503	0.05	mg/L	101	90.0 - 110	119950611

LCS Dup

<u>Parameter</u>	<u>PrepSet</u>	<u>LCS</u>	<u>LCSD</u>	<u>Known</u>	<u>Limits%</u>	<u>LCS%</u>	<u>LCSD%</u>	<u>Units</u>	<u>RPD</u>	<u>Limit%</u>
Manganese, Total	839216	0.526	0.523	0.500	85.0 - 115	105	105	mg/L	0.572	20.0

MRL Check

<u>Parameter</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>File</u>
Manganese, Total	0.000936	0.001	mg/L	93.6	50.0 - 150	119950609

MSD

<u>Parameter</u>	<u>Sample</u>	<u>MS</u>	<u>MSD</u>	<u>UNK</u>	<u>Known</u>	<u>Limits</u>	<u>MS%</u>	<u>MSD%</u>	<u>Units</u>	<u>RPD</u>	<u>Limit%</u>
Manganese, Total	1784729	0.515	0.499	0.0215	0.500	70.0 - 130	98.7	95.5	mg/L	3.30	20.0
	1784747	0.476	0.477	0.00177	0.500	70.0 - 130	94.8	95.0	mg/L	0.211	20.0

Analytical Set 839888

EPA 200.7 4.4

AWRL/MRL C

<u>Parameter</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>File</u>
Calcium	0.578	0.500	mg/L	116	25.0 - 175	119963022
Iron, Total	0.0435	0.050	mg/L	87.0	25.0 - 175	119963022

Blank

<u>Parameter</u>	<u>PrepSet</u>	<u>Reading</u>	<u>MDL</u>	<u>MQL</u>	<u>Units</u>	<u>File</u>
Calcium	839216	0.109	0.0419	0.500	mg/L	119963059
Iron, Total	839216	ND	0.00504	0.025	mg/L	119963059
Sodium	839216	0.257	0.0315	0.500	mg/L	119963059

CCV

<u>Parameter</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>File</u>
Calcium	27.2	25.0	mg/L	109	90.0 - 110	119963029
	27.1	25.0	mg/L	108	90.0 - 110	119963038
	25.9	25.0	mg/L	104	90.0 - 110	119963055
	26.6	25.0	mg/L	106	90.0 - 110	119963064
	27.0	25.0	mg/L	108	90.0 - 110	119963075
	26.5	25.0	mg/L	106	90.0 - 110	119963084
	26.6	25.0	mg/L	106	90.0 - 110	119963096
Iron, Total	2.68	2.50	mg/L	107	90.0 - 110	119963055
	2.61	2.50	mg/L	104	90.0 - 110	119963064
	2.54	2.50	mg/L	102	90.0 - 110	119963075





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CCV

<u>Parameter</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>File</u>
Iron, Total	2.59	2.50	mg/L	104	90.0 - 110	119963084
	2.50	2.50	mg/L	100	90.0 - 110	119963096

ICL

<u>Parameter</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>File</u>
Calcium	48.9	50.0	mg/L	97.8	95.0 - 105	119963017
Iron, Total	5.02	5.00	mg/L	100	95.0 - 105	119963017

ICV

<u>Parameter</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>File</u>
Calcium	26.0	25.0	mg/L	104	90.0 - 110	119963021
Iron, Total	2.50	2.50	mg/L	100	90.0 - 110	119963021

LCS Dup

<u>Parameter</u>	<u>PrepSet</u>	<u>LCS</u>	<u>LCSD</u>	<u>Known</u>	<u>Limits%</u>	<u>LCS%</u>	<u>LCSD%</u>	<u>Units</u>	<u>RPD</u>	<u>Limit%</u>
Calcium	839216	5.35	5.24	5.00	85.0 - 115	107	105	mg/L	2.08	25.0
Iron, Total	839216	0.551	0.554	0.500	85.0 - 115	110	111	mg/L	0.543	25.0
Sodium	839216	5.43	5.36	5.00	85.0 - 115	109	107	mg/L	1.30	25.0

LDR

<u>Parameter</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>File</u>
Calcium	103	100	mg/L	103	90.0 - 110	119963018
Iron, Total	9.76	10.0	mg/L	97.6	90.0 - 110	119963018

MSD

<u>Parameter</u>	<u>Sample</u>	<u>MS</u>	<u>MSD</u>	<u>UNK</u>	<u>Known</u>	<u>Limits</u>	<u>MS%</u>	<u>MSD%</u>	<u>Units</u>	<u>RPD</u>	<u>Limit%</u>
Calcium	1784729	50.2	50.9	47.6	5.00	75.0 - 125	52.0 *	66.0 *	mg/L	23.7	25.0
Iron, Total	1784729	0.503	0.507	0.015	0.500	75.0 - 125	97.6	98.4	mg/L	0.816	25.0
Calcium	1784747	74.6	76.0	ND	5.00	75.0 - 125	1490 *	1520 *	mg/L	1.86	25.0
Iron, Total	1784747	0.519	0.520	ND	0.500	75.0 - 125	104	104	mg/L	0.192	25.0
Sodium	1784747	116	119	ND	5.00	75.0 - 125	2320 *	2380 *	mg/L	2.55	25.0

Analytical Set 840298

EPA 200.7 4.4

AWRL/MRL C

<u>Parameter</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>File</u>
Sodium	0.597	0.500	mg/L	119	25.0 - 175	119971213

Blank

<u>Parameter</u>	<u>PrepSet</u>	<u>Reading</u>	<u>MDL</u>	<u>MQL</u>	<u>Units</u>	<u>File</u>
Calcium	839216	ND	0.0419	0.500	mg/L	119971244
Iron, Total	839216	ND	0.00504	0.025	mg/L	119971244
Sodium	839216	0.196	0.0315	0.500	mg/L	119971244

CCV

<u>Parameter</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>File</u>
Sodium	24.3	25.0	mg/L	97.2	90.0 - 110	119971214
	23.9	25.0	mg/L	95.6	90.0 - 110	119971243
	24.3	25.0	mg/L	97.2	90.0 - 110	119971254
	24.6	25.0	mg/L	98.4	90.0 - 110	119971262

Dir. SPKD

<u>Parameter</u>	<u>Sample</u>	<u>DSPK</u>	<u>DSPKD</u>	<u>UNK</u>	<u>Known</u>	<u>Limits%</u>	<u>DSPK%</u>	<u>DSPKD%</u>	<u>Units</u>	<u>RPD</u>	<u>Limit%</u>
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Dir. SPKD

Parameter	Sample	DSPK	DSPKD	UNK	Known	Limits%	DSPK%	DSPKD%	Units	RPD	Limit%
Calcium	1784729	77.2	76.7	40.0	50.0	75.0 - 125 ** 74.4 *	73.4 *		mg/L	0.650	25.0
Iron, Total	1784729	4.14	4.14	ND	5.00	75.0 - 125	82.8	82.8	mg/L	0	25.0
Sodium	1784729	245	241	204	50.0	75.0 - 125 *	82.0	74.0 *	mg/L	1.65	25.0

Direct SPK

Parameter	Sample	DSPK	UNK	Known	Limits%	DSPK%	Units
Calcium	1784729	77.2	40.0	50.0	75.0 - 125	74.4 *	mg/L
Iron, Total	1784729	4.14	ND	5.00	75.0 - 125	82.8	mg/L
Sodium	1784729	245	204	50.0	75.0 - 125	82.0	mg/L

ICL

Parameter	Reading	Known	Units	Recover%	Limits%	File
Sodium	51.2	50.0	mg/L	102	95.0 - 105	119971208

ICV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Sodium	24.4	25.0	mg/L	97.6	90.0 - 110	119971212

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Calcium	839216	4.31	4.29	5.00	85.0 - 115	86.2	85.8	mg/L	0.465	25.0
Iron, Total	839216	0.437	0.445	0.500	85.0 - 115	87.4	89.0	mg/L	1.81	25.0
Sodium	839216	4.75	4.66	5.00	85.0 - 115	95.0	93.2	mg/L	1.91	25.0

Analytical Set 840405

EPA 200.7 4.4

AWRL/MRL C

Parameter	Reading	Known	Units	Recover%	Limits%	File
Calcium	0.426	0.500	mg/L	85.2	25.0 - 175	119974225
Sodium	0.597	0.500	mg/L	119	25.0 - 175	119974225

Blank

Parameter	PrepSet	Reading	MDL	MDL	Units	File
Calcium	839216	ND	0.0419	0.500	mg/L	119974243
Iron, Total	839216	ND	0.00504	0.025	mg/L	119974243
Sodium	839216	0.196	0.0315	0.500	mg/L	119974243

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Calcium	23.8	25.0	mg/L	95.2	90.0 - 110	119974242
	24.9	25.0	mg/L	99.6	90.0 - 110	119974253
	25.3	25.0	mg/L	101	90.0 - 110	119974254
	26.5	25.0	mg/L	106	90.0 - 110	119974265
	25.6	25.0	mg/L	102	90.0 - 110	119974270
Sodium	23.9	25.0	mg/L	95.6	90.0 - 110	119974242
	24.3	25.0	mg/L	97.2	90.0 - 110	119974253
	25.1	25.0	mg/L	100	90.0 - 110	119974254
	25.9	25.0	mg/L	104	90.0 - 110	119974265
	25.4	25.0	mg/L	102	90.0 - 110	119974270

Dir. SPKD

Parameter	Sample	DSPK	DSPKD	UNK	Known	Limits%	DSPK%	DSPKD%	Units	RPD	Limit%
Calcium	1784729	77.2	76.7	40.0	50.0	75.0 - 125 ** 74.4 *	73.4 *		mg/L	0.650	25.0





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Dir. SPKD

Parameter	Sample	DSPK	DSPKD	UNK	Known	Limits%	DSPK%	DSPKD%	Units	RPD	Limit%
Iron, Total	1784729	4.14	4.14	ND	5.00	75.0 - 125	82.8	82.8	mg/L	0	25.0
Sodium	1784729	245	241	204	50.0	75.0 - 125 *	82.0	74.0 *	mg/L	1.65	25.0
Calcium	1784747	110	110	65.1	50.0	75.0 - 125	89.8	89.8	mg/L	0	25.0
Iron, Total	1784747	5.17	5.13	0.0214	5.00	75.0 - 125	103	103	mg/L	0.777	25.0
Sodium	1784747	144	144	102	50.0	75.0 - 125	84.0	84.0	mg/L	0	25.0

Direct SPK

Parameter	Sample	DSPK	UNK	Known	Limits%	DSPK%	Units
Calcium	1784729	77.2	40.0	50.0	75.0 - 125	74.4 *	mg/L
Iron, Total	1784729	4.14	ND	5.00	75.0 - 125	82.8	mg/L
Sodium	1784729	245	204	50.0	75.0 - 125	82.0	mg/L
Calcium	1784747	110	65.1	50.0	75.0 - 125	89.8	mg/L
Iron, Total	1784747	5.17	0.0214	5.00	75.0 - 125	103	mg/L
Sodium	1784747	144	102	50.0	75.0 - 125	84.0	mg/L

ICL

Parameter	Reading	Known	Units	Recover%	Limits%	File
Calcium	51.3	50.0	mg/L	103	95.0 - 105	119974220
Sodium	51.2	50.0	mg/L	102	95.0 - 105	119974220

ICV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Calcium	25.6	25.0	mg/L	102	90.0 - 110	119974224
Sodium	24.4	25.0	mg/L	97.6	90.0 - 110	119974224

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Calcium	839216	4.31	4.29	5.00	85.0 - 115	86.2	85.8	mg/L	0.465	25.0
Iron, Total	839216	0.437	0.445	0.500	85.0 - 115	87.4	89.0	mg/L	1.81	25.0
Sodium	839216	4.75	4.66	5.00	85.0 - 115	95.0	93.2	mg/L	1.91	25.0

Analytical Set 839269

SM 2510 B-97

Blank

Parameter	PrepSet	Reading	MDL	MDL	Units	File
Lab Spec. Conductance at 25 C	839269	0.86			umhos/cm	119949189

Duplicate

Parameter	Sample	Result	Unknown	Unit	RPD	Limit%
Lab Spec. Conductance at 25 C	1783519	3060	2980	umhos/cm	2.65	20.0
	1784747	944	937	umhos/cm	0.744	20.0

ICV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Lab Spec. Conductance at 25 C	12800	12900	umhos/cm	99.2	90.0 - 110	119949192

Standard

Parameter	Sample	Reading	Known	Units	Recover%	Limits%	File
Lab Spec. Conductance at 25 C	839269	1420	1410	umhos/cm	101	90.0 - 110	119949190
	839269	100	100	umhos/cm	100	90.0 - 110	119949191





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Standard

<u>Parameter</u>	<u>Sample</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>File</u>
Lab Spec. Conductance at 25 C	839269	1430	1410	umhos/cm	101	90.0 - 110	119949202
	839269	1420	1410	umhos/cm	101	90.0 - 110	119949212

Analytical Set 839411

SM 2320 B-2011

Blank

<u>Parameter</u>	<u>PrepSet</u>	<u>Reading</u>	<u>MDL</u>	<u>MQL</u>	<u>Units</u>	<u>File</u>
Total Alkalinity (as CaCO3)	839411	ND	1.00	1.00	mg/L	119953331

CCV

<u>Parameter</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>File</u>
Total Alkalinity (as CaCO3)	25.3	25.0	mg/L	101	90.0 - 110	119953330
	25.3	25.0	mg/L	101	90.0 - 110	119953344
	26.3	25.0	mg/L	105	90.0 - 110	119953357

Duplicate

<u>Parameter</u>	<u>Sample</u>	<u>Result</u>	<u>Unknown</u>	<u>Unit</u>	<u>RPD</u>	<u>Limit%</u>
Total Alkalinity (as CaCO3)	1784527	137	141	mg/L	2.88	20.0
	1785032	134	139	mg/L	3.66	20.0

ICV

<u>Parameter</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>File</u>
Total Alkalinity (as CaCO3)	24.3	25.0	mg/L	97.2	90.0 - 110	119953329

Mat. Spike

<u>Parameter</u>	<u>Sample</u>	<u>Spike</u>	<u>Unknown Known</u>		<u>Units</u>	<u>Recovery %</u>	<u>Limits %</u>	<u>File</u>
Total Alkalinity (as CaCO3)	1784527	165	141	25.0	mg/L	96.0	70.0 - 130	119953347
	1785032	166	139	25.0	mg/L	108	70.0 - 130	119953334

Analytical Set 839811

SM 2320 B-2011

Blank

<u>Parameter</u>	<u>PrepSet</u>	<u>Reading</u>	<u>MDL</u>	<u>MQL</u>	<u>Units</u>	<u>File</u>
Total Alkalinity (as CaCO3)	839811	ND	1.00	1.00	mg/L	119961269

CCV

<u>Parameter</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>File</u>
Total Alkalinity (as CaCO3)	25.7	25.0	mg/L	103	90.0 - 110	119961268
	26.2	25.0	mg/L	105	90.0 - 110	119961282
	25.2	25.0	mg/L	101	90.0 - 110	119961295

Duplicate

<u>Parameter</u>	<u>Sample</u>	<u>Result</u>	<u>Unknown</u>	<u>Unit</u>	<u>RPD</u>	<u>Limit%</u>
Total Alkalinity (as CaCO3)	1784730	150	159	mg/L	5.83	20.0
	1784753	74.0	77.0	mg/L	3.97	20.0

ICV

<u>Parameter</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>File</u>
Total Alkalinity (as CaCO3)	25.7	25.0	mg/L	103	90.0 - 110	119961267

Mat. Spike

<u>Parameter</u>	<u>Sample</u>	<u>Spike</u>	<u>Unknown Known</u>		<u>Units</u>	<u>Recovery %</u>	<u>Limits %</u>	<u>File</u>
Total Alkalinity (as CaCO3)	1784730	180	159	25.0	mg/L	84.0	70.0 - 130	119961272





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Mat. Spike

<u>Parameter</u>	<u>Sample</u>	<u>Spike</u>	<u>Unknown</u>	<u>Known</u>	<u>Units</u>	<u>Recovery %</u>	<u>Limits %</u>	<u>File</u>
Total Alkalinity (as CaCO3)	1784753	104	77.0	25.0	mg/L	108	70.0 - 130	119961285

Analytical Set 839941

SM 2340 C-2011

Blank

<u>Parameter</u>	<u>PrepSet</u>	<u>Reading</u>	<u>MDL</u>	<u>MDL</u>	<u>Units</u>	<u>File</u>
Total Hardness (as CaCO3)	839941	ND	5.0	5.0	mg/L	119964311

Duplicate

<u>Parameter</u>	<u>Sample</u>	<u>Result</u>	<u>Unknown</u>	<u>Unit</u>	<u>RPD</u>	<u>Limit%</u>
Total Hardness (as CaCO3)	1784132	530	530	mg/L	0	20
	1784531	10	10	mg/L	0	20

LCS

<u>Parameter</u>	<u>PrepSet</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits</u>	<u>File</u>
Total Hardness (as CaCO3)	839941	1000	1000	mg/L	100	90 - 110	119964312

Mat. Spike

<u>Parameter</u>	<u>Sample</u>	<u>Spike</u>	<u>Unknown</u>	<u>Known</u>	<u>Units</u>	<u>Recovery %</u>	<u>Limits %</u>	<u>File</u>
Total Hardness (as CaCO3)	1784132	630	530	100	mg/L	100	70 - 130	119964315
	1784531	20	10	10	mg/L	100	70 - 130	119964327

* Out RPD is Relative Percent Difference: $\text{abs}(r1-r2) / \text{mean}(r1,r2) * 100\%$ Recover% is Recovery Percent: $\text{result} / \text{known} * 100\%$

CCV - Continuing Calibration Verification; Blank - Method Blank; ICV - Initial Calibration Verification; MRL Check - Minimum Reporting Limit Check Std; LCS - Laboratory Control Sample; AWRL/MRL C - Ambient Water Reporting Limit/Minimum Reporting Limit Check Std; LDR - Linear Dynamic Range Standard



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