



05 April 2021

C1C6005

Glendale Water Supply

Glendale Water Supply

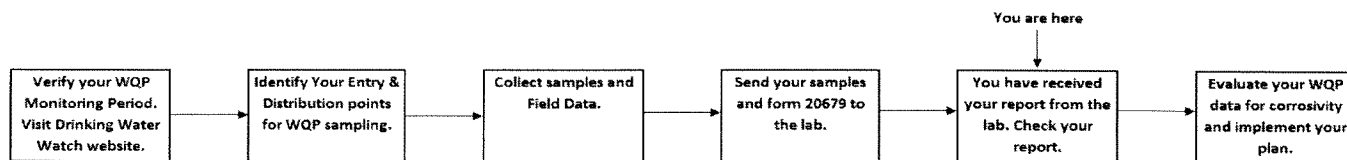
P.O. Box 1404

Trinity, TX 75862

RE: Glendale Water Supply WQP

Water Quality Parameters (WQP) Report

Enclosed, is your Water Quality Parameter (WQP) report with the necessary support data. Eastex Lab has reported your results to TCEQ in the following formats: 1. EDD of your data and 2. PDF of your report.



Here are your next actions:

1. Check your report for any errors, such as: Regulatory ID, site names. Please make sure all your sites are listed correctly.
2. Evaluate your WQP data for corrosivity and implement your plan.
3. Please retain all forms and reports from the lab for future field inspections.

If you have questions regarding any of the enclosed data, please call me at 936-653-3249. For compliance questions, please call TCEQ's WQP team at 512-239-4691.

Daniel Bowen
Operations Manager



P.O. Box 1089 Coldspring Tx 77331
Website: eastexlabs.com
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Glendale Water Supply
P.O. Box 1404
Trinity TX, 75862

TCEQ Report ID: **PWS_TX2280012_AC_20210329_WQP Analysis Report**

Project: **Glendale Water Supply WQP**
Laboratory Sample ID: **C1C6005-01**
Sampling Point: **DSTWQP**
Sample Location: **10356 S State Hwy 94**
State Assigned ID: **DS01**

Sample Received Date and Time: 03/29/2021 11:50
Sample Date and Time: 03/29/2021 09:40
Sample Matrix: Potable
Sample Type: Grab
Collector: CAG

Analyte	Result	Units	Reporting Limits	MDL	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
Eastex Environmental Laboratory - Coldspring										
pH	7.0	std unit			P	B1C3959	03/29/2021 09:40	CAG	SM 4500 H + B	
Temp	18	degrees C			P	B1C3959	03/29/2021 09:40	CAG	SM 2550	
Alkalinity	184	mg CaCO3/L	20	9	P	B1D0022	04/01/2021 10:46	KMW	SM 2320 B	
Calcium, Total	84.3	mg/L	2.50	0.0879	P	B1D0061	04/05/2021 10:19	LAN	EPA 200.7	
Chloride	69.6	mg/L	5.0	1.9	A	B1C3851	03/31/2021 10:00	AMS	EPA 300.0	
Conductivity	828	µmhos/cm @25C	10	0.3	A	B1C4154	03/30/2021 16:40	OCR	SM 2510 B	
Hardness	166	mg CaCO3/L	5.00	1.50	A	B1D0023	04/01/2021 09:30	KMW	SM 2340 C	
Iron, Total	<0.150	mg/L	0.150	0.00255	A	B1D0057	04/02/2021 15:10	LAN	EPA 200.7	
Manganese, Total	<0.0100	mg/L	0.0100	0.00310	A	B1D0057	04/02/2021 15:10	LAN	EPA 200.7	
Sodium, Total	122	mg/L	2.50	0.111	A	B1D0061	04/05/2021 10:19	LAN	EPA 200.7	
Sulfate	106	mg/L	4.0	2.0	A	B1C3851	03/31/2021 10:00	AMS	EPA 300.0	
TDS	496	mg/L	10.0	10.0	A	B1C4150	03/30/2021 15:55	OCR	SM 2540 C	



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TCEQ Report ID: **PWS_TX2280012_AC_20210329_WQP Analysis Report**

Project: **Glendale Water Supply WQP**
Laboratory Sample ID: **C1C6005-02**
Sampling Point: **DSTWQP**
Sample Location: **101 Roy Kennedy**
State Assigned ID: **DS01**

Sample Received Date and Time: 03/29/2021 11:50
Sample Date and Time: 03/29/2021 10:00
Sample Matrix: Potable
Sample Type: Grab
Collector: CAG

Analyte	Result	Units	Reporting Limits	MDL	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
Eastex Environmental Laboratory - Coldspring										
pH	6.4	std unit			P	B1C3959	03/29/2021 10:00	CAG	SM 4500 H + B	
Temp	19	degrees C			P	B1C3959	03/29/2021 10:00	CAG	SM 2550	
Alkalinity	54	mg CaCO3/L	20	9	P	B1D0022	04/01/2021 10:46	KMW	SM 2320 B	
Calcium, Total	3.00	mg/L	2.50	0.0879	P	B1D0061	04/05/2021 10:27	LAN	EPA 200.7	
Chloride	47.9	mg/L	5.0	1.9	A	B1C3851	03/31/2021 10:00	AMS	EPA 300.0	
Conductivity	332	µmhos/cm @25C	10	0.3	A	B1C4154	03/30/2021 16:40	OCR	SM 2510 B	
Hardness	55.0	mg CaCO3/L	5.00	1.50	A	B1D0023	04/01/2021 09:30	KMW	SM 2340 C	
Iron, Total	<0.150	mg/L	0.150	0.00255	A	B1D0057	04/02/2021 15:29	LAN	EPA 200.7	
Manganese, Total	0.0207	mg/L	0.0100	0.00310	A	B1D0057	04/02/2021 15:29	LAN	EPA 200.7	
Sodium, Total	83.9	mg/L	2.50	0.111	A	B1D0061	04/05/2021 10:27	LAN	EPA 200.7	
Sulfate	17.7	mg/L	4.0	2.0	A	B1C3851	03/31/2021 10:00	AMS	EPA 300.0	
TDS	196	mg/L	10.0	10.0	A	B1C4150	03/30/2021 15:55	OCR	SM 2540 C	



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TCEQ Report ID: **PWS_TX2280012_AC_20210329_WQP Analysis Report**

Project: **Glendale Water Supply WQP**
Laboratory Sample ID: **C1C6005-03**
Sampling Point: **EWQP**
Sample Location: **1800 Glendale Loop**
State Assigned ID: **PBCU001**

Sample Received Date and Time: 03/29/2021 11:50
Sample Date and Time: 03/29/2021 09:50
Sample Matrix: Potable
Sample Type: Grab
Collector: CAG

Analyte	Result	Units	Reporting Limits	MDL	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
Eastex Environmental Laboratory - Coldspring										
pH	7.1	std unit			P	B1C3959	03/29/2021 09:50	CAG	SM 4500 H + B	
Temp	19	degrees C			P	B1C3959	03/29/2021 09:50	CAG	SM 2550	
Alkalinity	186	mg CaCO3/L	20	9	P	B1D0022	04/01/2021 10:46	KMW	SM 2320 B	
Calcium, Total	74.1	mg/L	2.50	0.0879	P	B1D0061	04/05/2021 10:30	LAN	EPA 200.7	
Chloride	76.8	mg/L	5.0	1.9	A	B1C3851	03/31/2021 10:00	AMS	EPA 300.0	
Conductivity	894	µmhos/cm @25C	10	0.3	A	B1C4154	03/30/2021 16:40	OCR	SM 2510 B	
Hardness	150	mg CaCO3/L	5.00	1.50	A	B1D0023	04/01/2021 09:30	KMW	SM 2340 C	
Iron, Total	<0.150	mg/L	0.150	0.00255	A	B1D0057	04/02/2021 15:34	LAN	EPA 200.7	
Manganese, Total	<0.0100	mg/L	0.0100	0.00310	A	B1D0057	04/02/2021 15:34	LAN	EPA 200.7	
Sodium, Total	131	mg/L	2.50	0.111	A	B1D0061	04/05/2021 10:30	LAN	EPA 200.7	
Sulfate	121	mg/L	4.0	2.0	A	B1C3851	03/31/2021 10:00	AMS	EPA 300.0	
TDS	528	mg/L	10.0	10.0	A	B1C4150	03/30/2021 15:55	OCR	SM 2540 C	



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TCEQ Report ID: **PWS_TX2280012_AC_20210329_WQP Analysis Report**

Project: **Glendale Water Supply WQP**
Laboratory Sample ID: **C1C6005-04**
Sampling Point: **EWQP**
Sample Location: **326 Peach Island Rd**
State Assigned ID: **PBCU002**

Sample Received Date and Time: 03/29/2021 11:50
Sample Date and Time: 03/29/2021 10:15
Sample Matrix: Potable
Sample Type: Grab
Collector: CAG

Analyte	Result	Units	Reporting Limits	MDL	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
Eastex Environmental Laboratory - Coldspring										
pH	6.5	std unit			P	B1C3959	03/29/2021 10:15	CAG	SM 4500 H + B	
Temp	20	degrees C			P	B1C3959	03/29/2021 10:15	CAG	SM 2550	
Alkalinity	52	mg CaCO3/L	20	9	P	B1D0022	04/01/2021 10:46	KMW	SM 2320 B	
Calcium, Total	3.21	mg/L	2.50	0.0879	P	B1D0061	04/05/2021 10:32	LAN	EPA 200.7	
Chloride	48.1	mg/L	5.0	1.9	A	B1C3851	03/31/2021 10:00	AMS	EPA 300.0	
Conductivity	332	µmhos/cm @25C	10	0.3	A	B1C4154	03/30/2021 16:40	OCR	SM 2510 B	
Hardness	37.0	mg CaCO3/L	5.00	1.50	A	B1D0023	04/01/2021 09:30	KMW	SM 2340 C	
Iron, Total	<0.150	mg/L	0.150	0.00255	A	B1D0057	04/02/2021 15:39	LAN	EPA 200.7	
Manganese, Total	0.0245	mg/L	0.0100	0.00310	A	B1D0057	04/02/2021 15:39	LAN	EPA 200.7	
Sodium, Total	84.0	mg/L	2.50	0.111	A	B1D0061	04/05/2021 10:32	LAN	EPA 200.7	
Sulfate	17.6	mg/L	4.0	2.0	A	B1C3851	03/31/2021 10:00	AMS	EPA 300.0	
TDS	224	mg/L	10.0	10.0	A	B1C4150	03/30/2021 15:55	OCR	SM 2540 C	



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TCEQ Report ID: **PWS_TX2280012_AC_20210329_WQP Analysis Report**

Project: **Glendale Water Supply WQP**
Laboratory Sample ID: **C1C6005-05**
Sampling Point: **EWQP**
Sample Location: **231 Walnut Dr**
State Assigned ID: **PBCU004**

Sample Received Date and Time: 03/29/2021 11:50
Sample Date and Time: 03/29/2021 10:30
Sample Matrix: Potable
Sample Type: Grab
Collector: CAG

Analyte	Result	Units	Reporting Limits	MDL	Nelac Status	Batch	Analyzed	Analyst	Method	Notes
Eastex Environmental Laboratory - Coldspring										
pH	7.3	std unit			P	B1C3959	03/29/2021 10:30	CAG	SM 4500 H + B	
Temp	20	degrees C			P	B1C3959	03/29/2021 10:30	CAG	SM 2550	
Alkalinity	158	mg CaCO3/L	20	9	P	B1D0022	04/01/2021 10:46	KMW	SM 2320 B	
Calcium, Total	4.04	mg/L	2.50	0.0879	P	B1D0061	04/05/2021 10:34	LAN	EPA 200.7	
Chloride	101	mg/L	5.0	1.9	A	B1C4302	03/31/2021 17:00	AMS	EPA 300.0	
Conductivity	659	µmhos/cm @25C	10	0.3	A	B1C4154	03/30/2021 16:40	OCR	SM 2510 B	
Hardness	42.0	mg CaCO3/L	5.00	1.50	A	B1C4047	03/30/2021 15:42	KMW	SM 2340 C	
Iron, Total	<0.150	mg/L	0.150	0.00255	A	B1D0057	04/02/2021 15:44	LAN	EPA 200.7	
Manganese, Total	0.0217	mg/L	0.0100	0.00310	A	B1D0057	04/02/2021 15:44	LAN	EPA 200.7	
Sodium, Total	162	mg/L	2.50	0.111	A	B1D0061	04/05/2021 10:34	LAN	EPA 200.7	
Sulfate	<4.0	mg/L	4.0	2.0	A	B1C4302	03/31/2021 17:00	AMS	EPA 300.0	
TDS	368	mg/L	10.0	10.0	A	B1C4150	03/30/2021 15:55	OCR	SM 2540 C	



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TCEQ Report ID: **PWS_TX2280012_AC_20210329_WQP Analysis Report**

EPA 300.0 - Quality Control

Eastex Environmental Laboratory - Coldspring

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B1C3851 - No Prep

Blank (B1C3851-BLK1)

Prepared & Analyzed: 03/31/21

Chloride	ND	5.0	mg/L							
Sulfate	ND	4.0	mg/L							

LCS (B1C3851-BS1)

Prepared & Analyzed: 03/31/21

Chloride	24.3		mg/L	25.0		97.2	90-110			
Sulfate	19.5		mg/L	20.0		97.3	90-110			

MRL Check (B1C3851-MRL1)

Prepared & Analyzed: 03/31/21

Chloride	5.12		mg/L	5.00		102	70-130			
Sulfate	4.10		mg/L	4.00		102	70-130			

Matrix Spike (B1C3851-MS1)

Source: C1C5715-02

Prepared & Analyzed: 03/31/21

Chloride	204	5.0	mg/L	125	77.5	102	80-120			
Sulfate	268	4.0	mg/L	100	161	107	80-120			

Matrix Spike Dup (B1C3851-MSD1)

Source: C1C5715-02

Prepared & Analyzed: 03/31/21

Chloride	205	5.0	mg/L	125	77.5	102	80-120	0.127	20	
Sulfate	267	4.0	mg/L	100	161	106	80-120	0.0683	20	

Batch B1C4047 - No Prep

Blank (B1C4047-BLK1)

Prepared & Analyzed: 03/30/21

Hardness	ND	5.00	mg CaCO3/L							
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LCS (B1C4047-BS1)

Prepared & Analyzed: 03/30/21

Hardness	100		mg CaCO3/L	100		100	80-120			
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TCEQ Report ID: **PWS_TX2280012_AC_20210329_WQP Analysis Report**

SM 2340 C - Quality Control

Eastex Environmental Laboratory - Coldspring

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B1C4047 - No Prep

MRL Check (B1C4047-MRL1)

Prepared & Analyzed: 03/30/21

Hardness	5.00		mg CaCO ₃ /L	5.00		100	70-130			
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Matrix Spike (B1C4047-MS1)

Source: C1C0397-01

Prepared & Analyzed: 03/30/21

Hardness	650		5.00 mg CaCO ₃ /L	500	150	100	80-120			
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Matrix Spike Dup (B1C4047-MSD1)

Source: C1C0397-01

Prepared & Analyzed: 03/30/21

Hardness	648		5.00 mg CaCO ₃ /L	500	150	99.6	80-120	0.308	20	
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Batch B1C4150 - No Prep

Blank (B1C4150-BLK1)

Prepared & Analyzed: 03/30/21

TDS	ND		10.0 mg/L							
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LCS (B1C4150-BS1)

Prepared & Analyzed: 03/30/21

TDS	292		mg/L	300		97.3	80-120			
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Duplicate (B1C4150-DUP1)

Source: C1C6005-01

Prepared & Analyzed: 03/30/21

TDS	496		10.0 mg/L		496			0.00	10	
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MRL Check (B1C4150-MRL1)

Prepared & Analyzed: 03/30/21

TDS	8.00		mg/L	10.0		80.0	70-130			
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Batch B1C4154 - No Prep

Blank (B1C4154-BLK1)

Prepared & Analyzed: 03/30/21

Conductivity	ND		10 µmhos/cm @25C							
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TCEQ Report ID: **PWS_TX2280012_AC_20210329_WQP Analysis Report**

SM 2510 B - Quality Control

Eastex Environmental Laboratory - Coldspring

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1C4154 - No Prep										
LCS (B1C4154-BS1)				Prepared & Analyzed: 03/30/21						
Conductivity	980		µmhos/cm @25C	1000		98.0	80-120			
Duplicate (B1C4154-DUP1)				Source: C1C6005-01 Prepared & Analyzed: 03/30/21						
Conductivity	833	10	µmhos/cm @25C		828			0.602	20	
Batch B1C4302 - No Prep										
Blank (B1C4302-BLK1)				Prepared & Analyzed: 03/31/21						
Chloride	ND	5.0	mg/L							
Sulfate	ND	4.0	mg/L							
LCS (B1C4302-BS1)				Prepared & Analyzed: 03/31/21						
Chloride	24.5		mg/L	25.0		98.1	90-110			
Sulfate	19.7		mg/L	20.0		98.4	90-110			
MRL Check (B1C4302-MRL1)				Prepared & Analyzed: 03/31/21						
Chloride	5.11		mg/L	5.00		102	70-130			
Sulfate	4.11		mg/L	4.00		103	70-130			
Matrix Spike (B1C4302-MS1)				Source: C1C6005-05 Prepared & Analyzed: 03/31/21						
Chloride	237	5.0	mg/L	125	101	109	80-120			
Sulfate	97.8	4.0	mg/L	100	ND	97.8	80-120			
Matrix Spike Dup (B1C4302-MSD1)				Source: C1C6005-05 Prepared & Analyzed: 03/31/21						
Chloride	236	5.0	mg/L	125	101	109	80-120	0.122	20	
Sulfate	98.3	4.0	mg/L	100	ND	98.3	80-120	0.463	20	



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TCEQ Report ID: **PWS_TX2280012_AC_20210329_WQP Analysis Report**

SM 2320 B - Quality Control

Eastex Environmental Laboratory - Coldspring

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B1D0022 - No Prep

Blank (B1D0022-BLK1)

Prepared & Analyzed: 04/01/21

Alkalinity ND 20 mg CaCO₃/L

LCS (B1D0022-BS1)

Prepared & Analyzed: 04/01/21

Alkalinity 44 mg CaCO₃/L 50.0 88.0 80-120

Duplicate (B1D0022-DUP1)

Source: C1C6005-01

Prepared & Analyzed: 04/01/21

Alkalinity 184 20 mg CaCO₃/L 184 0.00 20

MRL Check (B1D0022-MRL1)

Prepared & Analyzed: 04/01/21

Alkalinity 20 mg CaCO₃/L 20.0 100 70-130

Batch B1D0023 - No Prep

Blank (B1D0023-BLK1)

Prepared & Analyzed: 04/01/21

Hardness ND 5.00 mg CaCO₃/L

LCS (B1D0023-BS1)

Prepared & Analyzed: 04/01/21

Hardness 100 mg CaCO₃/L 100 100 80-120

MRL Check (B1D0023-MRL1)

Prepared & Analyzed: 04/01/21

Hardness 5.00 mg CaCO₃/L 5.00 100 70-130

Matrix Spike (B1D0023-MS1)

Source: C1C6005-01

Prepared & Analyzed: 04/01/21

Hardness 666 5.00 mg CaCO₃/L 500 166 100 80-120

Matrix Spike Dup (B1D0023-MSD1)

Source: C1C6005-01

Prepared & Analyzed: 04/01/21

Hardness 667 5.00 mg CaCO₃/L 500 166 100 80-120 0.150 20



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TCEQ Report ID: **PWS_TX2280012_AC_20210329_WQP Analysis Report**

EPA 200.7 - Quality Control

Eastex Environmental Laboratory - Coldspring

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1D0057 - EPA 200.7										
Blank (B1D0057-BLK1) Prepared: 04/01/21 Analyzed: 04/02/21										
Iron, Total	ND	0.150	mg/L							
Manganese, Total	ND	0.0100	mg/L							
Blank (B1D0057-BLK2) Prepared: 04/01/21 Analyzed: 04/02/21										
Iron, Total	ND	0.150	mg/L							
Manganese, Total	ND	0.0100	mg/L							
Blank (B1D0057-BLK3) Prepared: 04/01/21 Analyzed: 04/02/21										
Iron, Total	ND	0.150	mg/L							
Manganese, Total	ND	0.0100	mg/L							
Blank (B1D0057-BLK4) Prepared: 04/01/21 Analyzed: 04/02/21										
Iron, Total	ND	0.150	mg/L							
Manganese, Total	ND	0.0100	mg/L							
LCS (B1D0057-BS1) Prepared: 04/01/21 Analyzed: 04/02/21										
Iron, Total	0.245	0.150	mg/L	0.250		98.2	85-115			
Manganese, Total	0.281	0.0100	mg/L	0.250		112	85-115			
LCS (B1D0057-BS2) Prepared: 04/01/21 Analyzed: 04/02/21										
Iron, Total	0.249	0.150	mg/L	0.250		99.5	85-115			
Manganese, Total	0.276	0.0100	mg/L	0.250		110	85-115			
LCS (B1D0057-BS3) Prepared: 04/01/21 Analyzed: 04/02/21										
Iron, Total	0.238	0.150	mg/L	0.250		95.3	85-115			
Manganese, Total	0.281	0.0100	mg/L	0.250		112	85-115			
LCS (B1D0057-BS4) Prepared: 04/01/21 Analyzed: 04/02/21										
Iron, Total	0.226	0.150	mg/L	0.250		90.4	85-115			
Manganese, Total	0.269	0.0100	mg/L	0.250		108	85-115			

Eastex Environmental Laboratory - Coldspring

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Alkalinity titrated to pH 4.5 endpoint.

*NELAC Status: A=Accredited, N=Accreditation not offered, O=Not Accredited, P=Approved

WQP Report V.3 05162019

Print date and time: 4/5/2021 1:59:57PM

Page 10 of 15



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Tel: 936 653 3249



Glendale Water Supply
P.O. Box 1404
Trinity TX, 75862

TCEQ Report ID: **PPS_TX2280012_AC_20210329_WQP Analysis Report**

EPA 200.7 - Quality Control

Eastex Environmental Laboratory - Coldspring

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1D0057 - EPA 200.7										
MRL Check (B1D0057-MRL1)										
				Prepared: 04/01/21 Analyzed: 04/02/21						
Iron, Total	0.137		mg/L	0.150		91.5	70-130			
Manganese, Total	0.0119		mg/L	0.0100		119	70-130			
MRL Check (B1D0057-MRL2)										
				Prepared: 04/01/21 Analyzed: 04/02/21						
Iron, Total	0.147		mg/L	0.150		98.0	70-130			
Manganese, Total	0.0104		mg/L	0.0100		104	70-130			
MRL Check (B1D0057-MRL3)										
				Prepared: 04/01/21 Analyzed: 04/02/21						
Iron, Total	0.124		mg/L	0.150		82.9	70-130			
Manganese, Total	0.0117		mg/L	0.0100		117	70-130			
MRL Check (B1D0057-MRL4)										
				Prepared: 04/01/21 Analyzed: 04/02/21						
Iron, Total	0.105		mg/L	0.150		70.2	70-130			
Manganese, Total	0.0101		mg/L	0.0100		101	70-130			
Matrix Spike (B1D0057-MS1)										
				Source: C1C6005-01		Prepared: 04/01/21 Analyzed: 04/02/21				
Iron, Total	0.246	0.150	mg/L	0.250	ND	98.5	70-130			
Manganese, Total	0.279	0.0100	mg/L	0.250	ND	112	70-130			
Matrix Spike (B1D0057-MS2)										
				Source: C1C6354-02		Prepared: 04/01/21 Analyzed: 04/02/21				
Iron, Total	0.263	0.150	mg/L	0.250	0.0684	77.7	70-130			
Manganese, Total	0.276	0.0100	mg/L	0.250	ND	110	70-130			
Matrix Spike (B1D0057-MS3)										
				Source: C1C6625-03		Prepared: 04/01/21 Analyzed: 04/02/21				
Iron, Total	0.287	0.150	mg/L	0.250	0.0534	93.4	70-130			
Manganese, Total	0.290	0.0100	mg/L	0.250	0.0124	111	70-130			
Matrix Spike (B1D0057-MS4)										
				Source: C1C6625-13		Prepared: 04/01/21 Analyzed: 04/02/21				
Iron, Total	0.269	0.150	mg/L	0.250	0.0364	93.1	70-130			
Manganese, Total	0.306	0.0100	mg/L	0.250	0.0272	112	70-130			

Eastex Environmental Laboratory - Coldspring

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Alkalinity titrated to pH 4.5 endpoint.

*NELAC Status: A=Accredited, N=Accreditation not offered, O=Not Accredited, P=Approved

WQP Report V.3 05162019

Print date and time: 4/5/2021 1:59:57PM

Page 11 of 15



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Glendale Water Supply
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TCEQ Report ID: **PWS_TX2280012_AC_20210329_WQP Analysis Report**

EPA 200.7 - Quality Control
Eastex Environmental Laboratory - Coldspring

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B1D0057 - EPA 200.7

Matrix Spike Dup (B1D0057-MSD1)		Source: C1C6005-01		Prepared: 04/01/21 Analyzed: 04/02/21						
Iron, Total	0.252	0.150	mg/L	0.250	ND	101	70-130	2.21	20	
Manganese, Total	0.280	0.0100	mg/L	0.250	ND	112	70-130	0.466	20	
Matrix Spike Dup (B1D0057-MSD2)		Source: C1C6354-02		Prepared: 04/01/21 Analyzed: 04/02/21						
Iron, Total	0.265	0.150	mg/L	0.250	0.0684	78.8	70-130	1.01	20	
Manganese, Total	0.279	0.0100	mg/L	0.250	ND	112	70-130	1.06	20	
Matrix Spike Dup (B1D0057-MSD3)		Source: C1C6625-03		Prepared: 04/01/21 Analyzed: 04/02/21						
Iron, Total	0.288	0.150	mg/L	0.250	0.0534	93.9	70-130	0.462	20	
Manganese, Total	0.288	0.0100	mg/L	0.250	0.0124	110	70-130	0.661	20	
Matrix Spike Dup (B1D0057-MSD4)		Source: C1C6625-13		Prepared: 04/01/21 Analyzed: 04/02/21						
Iron, Total	0.285	0.150	mg/L	0.250	0.0364	99.4	70-130	5.64	20	
Manganese, Total	0.306	0.0100	mg/L	0.250	0.0272	112	70-130	0.0804	20	

Batch B1D0061 - EPA 200.7

Blank (B1D0061-BLK1)		Prepared: 04/01/21 Analyzed: 04/05/21								
Calcium, Total	ND	0.500	mg/L							
Sodium, Total	ND	0.500	mg/L							
Blank (B1D0061-BLK2)		Prepared: 04/01/21 Analyzed: 04/05/21								
Calcium, Total	ND	0.500	mg/L							
Sodium, Total	ND	0.500	mg/L							
Blank (B1D0061-BLK3)		Prepared: 04/01/21 Analyzed: 04/05/21								
Calcium, Total	ND	0.500	mg/L							
Sodium, Total	ND	0.500	mg/L							



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TCEQ Report ID: **PWS_TX2280012_AC_20210329_WQP Analysis Report**

EPA 200.7 - Quality Control

Eastex Environmental Laboratory - Coldspring

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1D0061 - EPA 200.7										
Blank (B1D0061-BLK4)										
Prepared: 04/01/21 Analyzed: 04/05/21										
Calcium, Total	ND	0.500	mg/L							
Sodium, Total	ND	0.500	mg/L							
LCS (B1D0061-BS1)										
Prepared: 04/01/21 Analyzed: 04/05/21										
Calcium, Total	24.1	0.500	mg/L	25.0		96.6	85-115			
Sodium, Total	25.0	0.500	mg/L	25.0		99.9	85-115			
LCS (B1D0061-BS2)										
Prepared: 04/01/21 Analyzed: 04/05/21										
Calcium, Total	24.1	0.500	mg/L	25.0		96.5	85-115			
Sodium, Total	25.7	0.500	mg/L	25.0		103	85-115			
LCS (B1D0061-BS3)										
Prepared: 04/01/21 Analyzed: 04/05/21										
Calcium, Total	24.5	0.500	mg/L	25.0		98.0	85-115			
Sodium, Total	26.3	0.500	mg/L	25.0		105	85-115			
LCS (B1D0061-BS4)										
Prepared: 04/01/21 Analyzed: 04/05/21										
Calcium, Total	23.9	0.500	mg/L	25.0		95.5	85-115			
Sodium, Total	25.7	0.500	mg/L	25.0		103	85-115			
MRL Check (B1D0061-MRL1)										
Prepared: 04/01/21 Analyzed: 04/05/21										
Calcium, Total	0.480		mg/L	0.500		96.0	70-130			
Sodium, Total	0.553		mg/L	0.500		111	70-130			
MRL Check (B1D0061-MRL2)										
Prepared: 04/01/21 Analyzed: 04/05/21										
Calcium, Total	0.463		mg/L	0.500		92.7	70-130			
Sodium, Total	0.544		mg/L	0.500		109	70-130			
MRL Check (B1D0061-MRL3)										
Prepared: 04/01/21 Analyzed: 04/05/21										
Calcium, Total	0.471		mg/L	0.500		94.2	70-130			
Sodium, Total	0.541		mg/L	0.500		108	70-130			



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TCEQ Report ID: **PWS_TX2280012_AC_20210329_WQP Analysis Report**

EPA 200.7 - Quality Control

Eastex Environmental Laboratory - Coldspring

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1D0061 - EPA 200.7										
Matrix Spike (B1D0061-MS1)		Source: C1C6005-01		Prepared: 04/01/21		Analyzed: 04/05/21				
Calcium, Total	114	2.50	mg/L	25.0	84.3	118	70-130			
Sodium, Total	159	2.50	mg/L	25.0	122	148	70-130			23
Matrix Spike (B1D0061-MS2)		Source: C1C6354-02		Prepared: 04/01/21		Analyzed: 04/05/21				
Calcium, Total	83.4	2.50	mg/L	25.0	56.3	108	70-130			
Sodium, Total	66.3	2.50	mg/L	25.0	36.4	120	70-130			
Matrix Spike (B1D0061-MS3)		Source: C1C6625-03		Prepared: 04/01/21		Analyzed: 04/05/21				
Calcium, Total	37.3	2.50	mg/L	25.0	8.94	114	70-130			
Sodium, Total	56.5	2.50	mg/L	25.0	22.7	135	70-130			23
Matrix Spike (B1D0061-MS4)		Source: C1C6625-13		Prepared: 04/01/21		Analyzed: 04/05/21				
Calcium, Total	32.1	2.50	mg/L	25.0	5.73	105	70-130			
Sodium, Total	203	2.50	mg/L	25.0	174	116	70-130			
Matrix Spike Dup (B1D0061-MSD1)		Source: C1C6005-01		Prepared: 04/01/21		Analyzed: 04/05/21				
Calcium, Total	113	2.50	mg/L	25.0	84.3	116	70-130	0.377	20	
Sodium, Total	159	2.50	mg/L	25.0	122	146	70-130	0.203	20	23
Matrix Spike Dup (B1D0061-MSD2)		Source: C1C6354-02		Prepared: 04/01/21		Analyzed: 04/05/21				
Calcium, Total	84.4	2.50	mg/L	25.0	56.3	112	70-130	1.23	20	
Sodium, Total	67.0	2.50	mg/L	25.0	36.4	122	70-130	1.06	20	
Matrix Spike Dup (B1D0061-MSD3)		Source: C1C6625-03		Prepared: 04/01/21		Analyzed: 04/05/21				
Calcium, Total	37.6	2.50	mg/L	25.0	8.94	114	70-130	0.569	20	
Sodium, Total	55.6	2.50	mg/L	25.0	22.7	132	70-130	1.50	20	23
Matrix Spike Dup (B1D0061-MSD4)		Source: C1C6625-13		Prepared: 04/01/21		Analyzed: 04/05/21				
Calcium, Total	32.1	2.50	mg/L	25.0	5.73	105	70-130	0.0974	20	
Sodium, Total	200	2.50	mg/L	25.0	174	106	70-130	1.26	20	



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TCEQ Report ID: **PWS_TX2280012_AC_20210329_WQP Analysis Report**

Qualifiers and Notes

23 Spike recovery outside of acceptance limits due to matrix interference.



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
WATER QUALITY PARAMETER MONITORING FORM 20679

PWS-2280012-AC-10210329-WBP

Completed by PWS (or Agent)

Completed by Laboratory

PWS Name: Glendale Water Supply

Laboratory Name: Eastex Environmental Laboratory

PWS ID #: TX2280012

TCEQ Lab ID #: TX203

PWS Address: P.O. Box 1404 Trinity, TX 75862

PO Box 1089

PWS Contact: Jessica Hester

Coldspring, Texas 77331

PWS Contact Phone #: 936-594-9417

Daniel Bowen

Inhibitor or Stabilizer Used (Y/N):

Phosphate

Silica

Calcium carbonate

TREATMENT

Alkalinity Dosage Rate:

Inhibitor Dosage Rate:

Laboratory Contact Phone #:

936-653-3249

Sample Type (Y/N):

Compliance

Non-compliance

Sample Collector (Y/N):

Public Water System

Accredited Lab

3rd Party Contractor --> LAB ID

AL

Temperature and pH (Y or N):

Are temperature and pH included on the sampling entity's Laboratory Approval Form on file at the TCEQ?

Y

Were temperature and pH measured in the field within 15 minutes of sample collection?

Parameters Requested: Analyses are required for the parameters checked. * If inhibitors containing phosphate or silica are used, then these parameters should also be analyzed depending on which is in use.

Facility ID (e.g. DS01, PBCU001)

Sample Point ID (e.g. DSTWQP, EWQP)

Sample Location

Date (MMDDYY)

Time - 24 hr (HHMM)

pH

Temp (°C)

Replacement? Original Sample ID # Original Sample Date (MMDDYY)

DS01

DSTWQP

10356 S. State Hwy 94

03-29-21

0940

7.0

18.3

DS01

DSTWQP

101 Roy Kennedy

03-29-21

10:00

6.4

19.4

PBCU001

EWQP

1800 Glendale Loop

03-29-21

0950

7.1

19.0

PBCU002

EWQP

326 Peach Island Rd

03-29-21

10:15

6.5

19.6

PBCU004

EWQP

231 Walnut Dr

03-29-21

10:30

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I acknowledge that information on this form is true and correct and sites selected for sampling follow the instructions in the TCEQ Monitoring and Sample Collection Guidance for Water Quality Parameters. This includes, but not limited to the measurement of pH and temperature immediately upon collection. Falsification of this form or tampering with water samples is a crime punishable under state and/or federal law. (Texas Penal Code, Title 8, Chapter 37.10)

Name of Authorized PWS Representative (Print)

Signature

Organization

Date

Chris Linn

Eastex Lab

03-29-21

Chain of Custody

Date

Relinquished By (Signature)

Date

Relinquished By (Signature)

Relinquished By (Signature)

Received By (Signature)

Date

Received By (Signature)

Date

Received By (Signature)

Received By (Signature)

Sample Conditions Upon Receipt (Y)

Rejection Code (if applicable)

Date & Time of Sample Preservation (Addition)

Actual / Corrected sample temperature

Thermometer ID #

Ambient

3.2

15

Laboratory Comments:

3-29-21

3-29-21

3-29-21

3-29-21



EASTEX ENVIRONMENTAL LABORATORY, INC.

P.O. Box 1089 • Coldspring, TX 77331 P.O. Box 631375 • Nacogdoches, TX 75963-1375
(936) 653-3249 • (800) 525-0508 (936) 569-8879 • FAX (936) 569-8951
www.eastexlabs.com

White Copy-Follows Samples
Yellow Copy-Laboratory
Pink Copy-Client Copy

REPORT TO:

INVOICE TO:

Company: *Gleade w/ly. suppl*

Company:

Remarks:

Address: *on file*

Address:

Attn: *V*

Attn:

Phone#:

Phone#:

Email:

INSTRUCTIONS:

P.O. #:

C or G: C=Composite G=Grab
DW=Drinking Water WW=Wastewater SO=Soil/Sludge OT=Other

Sampler's Name (print):

Container Size: 1=Gallon 2=1/2 Gallon 3=Quart/Liter 4=500mL 5=250mL
6=125mL (4oz) 7=60mL (2 oz) 8=40mL Vial 9=Other

Sampler's Signature: *[Signature]*

Type: P=Plastic G=Glass T=Teflon S=Stainless
Preservatives: C=Chilled S=Sulfuric Acid N=Nitric Acid B=Base/Caustic Z=Zn Acetate
ST=Sodium Thiosulfate H=HCL O=Other

Project Name: *Gleade w/ly. suppl*

Field Data

Work Order ID

Time

Matrix

C or G

DO

pH

Cl2

Flow

Temp

#

Size

Type

Pres

Containers

Analysis Requested

Received By:

Date

Time

Received Iced:

YES / NO

Sample ID

Date

Time

Matrix

C or G

DO

pH

Cl2

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Size

Type

Pres

Containers

Analysis Requested

Received By:

Date

Time

Received Iced:

YES / NO

10356 5-24-21 3-29-21 0940 *DL* *10005*

1800 Gleade w/ly. suppl 3-29-21 0950 *DL* *10005*

101008 Kennedy 3-29-21 1000 *DL* *10005*

326 Paul Tobus 3-29-21 1015 *DL* *10005*

231 w/ly. suppl 3-29-21 1030 *DL* *10005*

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10356 5-24-21 3-29-21 0940 *DL* *10005*

1800 Gleade w/ly. suppl 3-29-21 0950 *DL* *10005*

101008 Kennedy 3-29-21 1000 *DL* *10005*

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231 w/ly. suppl 3-29-21 1030 *DL* *10005*

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10356 5-24-21 3-29-21 0940 *DL* *10005*

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231 w/ly. suppl 3-29-21 1030 *DL* *10005*

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10356 5-24-21 3-29-21 0940 *DL* *10005*

1800 Gleade w/ly. suppl 3-29-21 0950 *DL* *10005*

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231 w/ly. suppl 3-29-21 1030 *DL* *10005*

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1800 Gleade w/ly. suppl 3-29-21 0950 *DL* *10005*

101008 Kennedy 3-29-21 1000 *DL* *10005*

326 Paul Tobus 3-29-21 1015 *DL* *10005*

231 w/ly. suppl 3-29-21 1030 *DL* *10005*

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10356 5-24-21 3-29-21 0940 *DL* *10005*

1800 Gleade w/ly. suppl 3-29-21 0950 *DL* *10005*

101008 Kennedy 3-29-21 1000 *DL* *10005*

326 Paul Tobus 3-29-21 1015 *DL* *10005*

231 w/ly. suppl 3-29-21 1030 *DL* *10005*

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1800 Gleade w/ly. suppl 3-29-21 0950 *DL* *10005*

101008 Kennedy 3-29-21 1000 *DL* *10005*

326 Paul Tobus 3-29-21 1015 *DL* *10005*

231 w/ly. suppl 3-29-21 1030 *DL* *10005*

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101008 Kennedy 3-29-21 1000 *DL* *10005*

326 Paul Tobus 3-29-21 1015 *DL* *10005*

231 w/ly. suppl 3-29-21 1030 *DL* *10005*

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1800 Gleade w/ly. suppl 3-29-21 0950 *DL* *10005*

101008 Kennedy 3-29-21 1000 *DL* *10005*

326 Paul Tobus 3-29-21 1015 *DL* *10005*

231 w/ly. suppl 3-29-21 1030 *DL* *10005*

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1800 Gleade w/ly. suppl 3-29-21 0950 *DL* *10005*

101008 Kennedy 3-29-21 1000 *DL* *10005*

326 Paul Tobus 3-29-21 1015 *DL* *10005*

231 w/ly. suppl 3-29-21 1030 *DL* *10005*

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10356 5-24-21 3-29-21 0940 *DL* *10005*

1800 Gleade w/ly. suppl 3-29-21 0950 *DL* *10005*

101008 Kennedy 3-29-21 1000 *DL* *10005*

326 Paul Tobus 3-29-21 1015 *DL* *10005*

231 w/ly. suppl 3-29-21 1030 *DL* *10005*

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