



PWS_0430035_AC_20190318_Analysis Report
LCRA Environmental Laboratory Services
3505 Montopolis Drive
Austin, TX 78744
Phone: (512)730-6022
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March 21, 2019

ROBERT TODD
FROGNOT WSC
PO BOX 400
408 W. FM 545 STE3
Blue Ridge, TX 75424

RE: Final Analytical Report
ELS Sample Q1911123001
FROGNOT WSC

Attn:

Enclosed are the analytical results for the above referenced sample received by LCRA Environmental Laboratory Services. Results reported herein conform to the most current NELAP standards, where applicable, unless otherwise narrated in the body of the report. This final report provides results related only to the sample as received.

Thank you for selecting ELS for your analytical needs. If you have any questions regarding this report, please contact us at (512) 356-6022. We look forward to assisting you again.

Authorized for release by:

Bhanu Acharya

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Project Manager

Enclosures





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SAMPLE SUMMARY

Workorder: Q1911123

Lab ID	Sample ID	matrix	Date Collected	Date Received
Q1911123001	1993568	Drinking Water	3/18/2019 10:36	3/19/2019 08:15

Report Definitions

RL Reporting Limit
MCL Maximum Contaminant Level
DF Dilution Factor
Qual Qualifiers



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ANALYTICAL RESULTS

Workorder: Q1911123

Lab ID: Q1911123001	Date Received: 3/19/2019 08:15	Matrix: Drinking Water
Sample ID: 1993568	Date Collected: 3/18/2019 10:36	Sample Type: SAMPLE
Facility: EP002	Location: PH	
Sample: TRT-TAP	Client ID: TX0430035	

Parameter	Result	Units	MRL	LOD	MCL	DF	Prepared	By	Analyzed	By	Qual
E300.0, Anions											
Analysis Desc: E300.0, Anions											
Nitrite (as N)	<0.0100	mg/L	0.0100	0.00500	1	1			03/19/19 11:05	ML	
Nitrate (as N)	0.223	mg/L	0.0100	0.00500	10	1			03/19/19 11:05	ML	



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PARAMETER QUALIFIERS

Workorder: Q1911123

Parameter Qualifiers

J	Analyte Detected Below Quantitation Limit
SH	Spike Recovery High
SL	Spike Recovery Low



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QUALITY CONTROL

QC Batch: 86547
QC Batch Method: E300.0, Anions
Analytical Method: E300.0, Anions

MATRIX SPIKE: 1212914 Original Sample: Q1911097004

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	Limit	RPD	Max RPD	Qual
Nitrate (as N)	mg/L	.0515	1	1.04	1.05	99.2	99.5	80-120	.957	20	
Nitrite (as N)	mg/L	0	1	1.03	1	103	100	80-120	2.96	20	

LABORATORY CONTROL SAMPLE: 1212912

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Qual
Nitrate (as N)	mg/L	1	1.05	105	90-110	
Nitrite (as N)	mg/L	1	1	100	90-110	

MRL: 1212911

Parameter	Units	Spike Conc.	MRL Result	MRL % Rec	% Rec Limit	Qual
Nitrate (as N)	mg/L	.01	.0117	117	50-150	
Nitrite (as N)	mg/L	.01	.0071	71	50-150	

METHOD BLANK: 1212909

Parameter	Units	Blank Result	Reporting Limit	Qual
Nitrate (as N)	mg/L	<0.0100	0.0100	

Qualifiers

- SL - Spike Recovery Low
- SH - Spike Recovery High
- R - RPD Outside Recovery Limit



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QUALITY CONTROL

METHOD BLANK: 1212909

Parameter	Units	Blank Result	Reporting Limit	Qual
Nitrite (as N)	mg/L	<0.0100	0.0100	

Qualifiers

SL - Spike Recovery Low

SH - Spike Recovery High

R - RPD Outside Recovery Limit