

PWS_1011459_AC_20240201_LCR Analysis Report

February 14, 2024

LABORATORY REPORT

Heather Nehila
Aggregate Water Services
25329 Budde Rd, Suite 701
Spring, TX 77380

Report ID: 20240214081200RUW



RE: Sellers Estates - LCR

The following test results meet all NELAP requirements for analytes for which certification is available. Any deviations from our quality system will be noted in the case narrative. All analyses performed by North Water District Laboratory Services, Inc. unless noted. These analytical results related to the sample(s) tested. This report may not be reproduced or duplicated except in full without written approval of NWDLS.

For questions regarding this report, contact Monica Martin at 936-321-6060.

Sincerely,



Water Quality Project Manager



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Project: **Sellers Estates - LCR**
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 Project Manager: Heather Nehila

Reported:
 02/14/2024 08:12

Laboratory Sample Results

Lab Sample ID	24B1784-01	Sample Matrix	Drinking Water
Facility ID	DS01	Sampled	02/01/2024 08:00
Sample Point ID	LCR012	Collected by	HEATHER Nehila
Sample Location	15119 NYSTROM CIRCLE KITCHEN	Received	02/05/2024 12:12
Sample Type	FSD		

Method	Analyte	*	Result Units	MCL	MRL	Batch	Analyzed	Analyst	Qualifier
EPA 200.8	Copper	A	0.0529 mg/L	1.3	0.00203	BHB1259	02/08/2024 10:34	JKC	
EPA 200.8	Lead	A	0.000516 mg/L	0.015	0.000508	BHB1259	02/08/2024 10:34	JKC	



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**Laboratory Sample Results
 (Continued)**

Lab Sample ID	24B1784-02	Sample Matrix	Drinking Water
Facility ID	DS01	Sampled	02/01/2024 19:00
Sample Point ID	LCR014	Collected by	HEATHER Nehila
Sample Location	15119 SELLERS ROAD BATHROOM	Received	02/05/2024 12:12
Sample Type	FSD		

Method	Analyte	*	Result Units	MCL	MRL	Batch	Analyzed	Analyst	Qualifier
EPA 200.8	Copper	A	0.00896 mg/L	1.3	0.00203	BHB1259	02/08/2024 10:39	JKC	
EPA 200.8	Lead	A	<0.000508 mg/L	0.015	0.000508	BHB1259	02/08/2024 10:39	JKC	U



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**Laboratory Sample Results
 (Continued)**

Lab Sample ID	24B1784-03	Sample Matrix	Drinking Water
Facility ID	DS01	Sampled	02/01/2024 07:30
Sample Point ID	LCR017	Collected by	HEATHER Nehila
Sample Location	617 WEST ROAD KITCHEN	Received	02/05/2024 12:12
Sample Type	FSD		

Method	Analyte	*	Result Units	MCL	MRL	Batch	Analyzed	Analyst	Qualifier
EPA 200.8	Copper	A	0.0159 mg/L	1.3	0.00203	BHB1259	02/08/2024 10:41	JKC	
EPA 200.8	Lead	A	<0.000508 mg/L	0.015	0.000508	BHB1259	02/08/2024 10:41	JKC	U



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**Laboratory Sample Results
 (Continued)**

Lab Sample ID	24B1784-04	Sample Matrix	Drinking Water
Facility ID	DS01	Sampled	02/01/2024 15:00
Sample Point ID	LCR019	Collected by	HEATHER Nehila
Sample Location	15015 SELLERS ROAD BATHROOM	Received	02/05/2024 12:12
Sample Type	FSD		

Method	Analyte	*	Result Units	MCL	MRL	Batch	Analyzed	Analyst	Qualifier
EPA 200.8	Copper	A	0.0145 mg/L	1.3	0.00203	BHB1259	02/08/2024 10:43	JKC	
EPA 200.8	Lead	A	<0.000508 mg/L	0.015	0.000508	BHB1259	02/08/2024 10:43	JKC	U



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Quality Control

Metals, Total

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch: BHB1259 - Direct Analysis 200.8											
Blank (BHB1259-BLK1)											
					Prepared & Analyzed: 02/08/2024						
Copper	<0.00203	U	0.00203	mg/L							
Lead	<0.000508	U	0.000508	mg/L							
LCS (BHB1259-BS1)											
					Prepared & Analyzed: 02/08/2024						
Copper	0.0961		0.00203	mg/L	0.100		96.1	85-115			
Lead	0.0454		0.000508	mg/L	0.0500		90.8	85-115			
Duplicate (BHB1259-DUP1)											
					Source: 24B1784-01			Prepared & Analyzed: 02/08/2024			
Copper	0.0534		0.00203	mg/L		0.0529			0.968	20	
Lead	0.000518		0.000508	mg/L		0.000516			0.393	20	
MRL Check (BHB1259-MRL1)											
					Prepared & Analyzed: 02/08/2024						
Copper	0.00186	U	0.00203	mg/L	0.00200		92.8	50-150			
Lead	0.000471	U	0.000508	mg/L	0.000500		94.2	50-150			
Matrix Spike (BHB1259-MS1)											
					Source: 24B1784-01			Prepared & Analyzed: 02/08/2024			
Copper	0.145		0.00203	mg/L	0.100	0.0529	91.8	75-125			
Lead	0.0478		0.000508	mg/L	0.0500	0.000516	94.6	75-125			

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Term and Qualifier Definitions

Item	Definition
U	Non-detected compound.
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated
*	A = Accredited, N = Not Accredited or Accreditation not available
DF	Dilution Factor - the factor applied to the reported data due to sample preparation, dilution, or moisture content
MDL	Method Detection Limit - The minimum concentration of a substance (or analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. Based on standard deviation of replicate spiked samples take through all steps of the analytical procedure following 40 CFR Part 136 Appendix B.
SDL	Sample Detection Limit - The minimum concentration of a substance (analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. The SDL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MDL = SDL.
MRL	Method Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The MRL is at or above the lowest calibration standard.
LRL	Laboratory Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The LRL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MRL = LRL.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
LEAD AND COPPER RULE—MONITORING FORM 20683



24B1784

PWS Name:	Sellers Estates	Laboratory Name:	North Water District Lab
PWS ID #:	TX 1011459	Laboratory Address:	130 South Trade Center Plw
PWS Address:	AGGREGATE WATER SERVICES PO Box 9923 Spring TX 77387	TCEQ Laboratory ID #:	T104704238
PWS Contact Name:		Laboratory Contact Name:	Ruth Willis
PWS Contact Phone:		Laboratory Contact Phone #:	936 321 6060

PWS Tap Sample Checklist (✓)

<input checked="" type="checkbox"/> Samples filled to 1 Liter line	<input checked="" type="checkbox"/> Samples taken from an inside sink
<input checked="" type="checkbox"/> Samples collected from cold water tap(s)	<input checked="" type="checkbox"/> Sinks were unused for 6 hours prior to collection
<input checked="" type="checkbox"/> Sample containers w/ labels	<input checked="" type="checkbox"/> Samples delivered to lab within 14 days of collection

Sample Type (✓): Compliance Non-Compliance

Sample Condition on Receipt

Y	Samples delivered unpreserved (Y or N)
Y	Samples collected in 1 L labeled containers (Y or N)
Y	Samples filled to 1 L fill line (Y or N)
	Actual sample temperature: 21.6
	Corrected sample temperature: 21.4
	Thermometer ID #: 210556882

I acknowledge that the information on this form is true and correct and sites selected for sampling follow the approved TCEQ Form 20467 and the PWS Monitoring Plan. 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): Heather Nehila
 Signature: *Heather Nehila*
 Date: 2-5-2024

Lab Comments: HNO3: 2322405

Facility ID (e.g. DS01, PBCU001)	Sample Point ID (e.g. LCR001, ELCR)	Sample Location (Address of sample point -123 Main St, kitchen sink)	Sample Faucet Last Used		Sample Collected		Replacement t (✓)	Original Sample ID #	Original Collection Date (MMDDYY)	Lab Sample ID #	Lab Preservation		Sample Rejection Code (if applicable)
			Date (MMDDYY)	Time - 24 HR (HHMM)	Date (MMDDYY)	Time - 24 HR (HHMM)					Date (MMDDYY)	Time - 24 HR (HHMM)	
DS001	LCR012	15119 Nystrom Circle - Kitchen	1/31/24	8:30pm	2/1/24	8:00am				24B1784-01	2/5/24	1237	
DS001	LCR014	15119 Sellers Road - Bathroom	2/1/24	12:00pm	2/1/24	7:00pm				02			
DS001	LCR017	617 West Road - Kitchen	1/31/24	11:00am	2/1/24	7:30am				03			
DS001	LCR019	15015 Sellers Road - Bathroom	1/31/24	9:00am	2/1/24	3:00pm				04			

Chain of Custody

Relinquished By (Signature): <i>[Signature]</i>	Date/Time: 2/5/24 12:12	Relinquished By Courier (Signature):	Date/Time:
Received by Courier (Signature):	Date/Time:	Received by Lab (Signature): <i>FOR</i>	Date/Time: 1/21/24 2/5/24