

PWS_1011459_AC_20240115_LCR Analysis Report

February 14, 2024

LABORATORY REPORT

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

Report ID: 20240214080238RUW



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



PWS_1011459_AC_20240117_LCR Analysis Report

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 25329 Budde Rd, Suite 701
 Spring, TX 77380

Project: **Sellers Estates - LCR**
 PWS TX ID: 1011459
 Project Manager: Heather Nehila

Reported:
 02/14/2024 08:02

Laboratory Sample Results

Lab Sample ID	24A4992-01	Sample Matrix	Drinking Water
Facility ID	DS01	Sampled	01/17/2024 08:00
Sample Point ID	LCR005	Collected by	Heather Nehila
Sample Location	15111 SELLERS ROAD BATHROOM	Received	01/23/2024 08:05
Sample Type	FSD		

Method	Analyte	*	Result Units	MCL	MRL	Batch	Analyzed	Analyst	Qualifier
EPA 200.8	Copper	A	0.00753 mg/L	1.3	0.00203	BHA4313	01/30/2024 13:49	JKC	
EPA 200.8	Lead	A	<0.000508 mg/L	0.015	0.000508	BHA4313	01/30/2024 13:49	JKC	U



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Reported:
 02/14/2024 08:02

**Laboratory Sample Results
 (Continued)**

Lab Sample ID	24A4992-02	Sample Matrix	Drinking Water
Facility ID	DS01	Sampled	01/15/2024 11:00
Sample Point ID	LCR006	Collected by	Heather Nehila
Sample Location	15003 SELLERS ROAD BATHROOM	Received	01/23/2024 08:05
Sample Type	FSD		

Method	Analyte	*	Result Units	MCL	MRL	Batch	Analyzed	Analyst	Qualifier
EPA 200.8	Copper	A	0.00439 mg/L	1.3	0.00203	BHA4313	01/30/2024 13:54	JKC	
EPA 200.8	Lead	A	<0.000508 mg/L	0.015	0.000508	BHA4313	01/30/2024 13:54	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: BHA4313 - Direct Analysis 200.8											
Blank (BHA4313-BLK1)											
					Prepared & Analyzed: 01/30/2024						
Copper	<0.00203	U	0.00203	mg/L							
Lead	<0.000508	U	0.000508	mg/L							
LCS (BHA4313-BS1)											
					Prepared & Analyzed: 01/30/2024						
Copper	0.0945		0.00203	mg/L	0.100		94.5	85-115			
Lead	0.0504		0.000508	mg/L	0.0500		101	85-115			
Duplicate (BHA4313-DUP1)											
					Source: 24A4992-01			Prepared & Analyzed: 01/30/2024			
Copper	0.00735		0.00203	mg/L		0.00753			2.44	20	
Lead	6.39E-5	U	0.000508	mg/L		6.29E-5			1.60	20	
MRL Check (BHA4313-MRL1)											
					Prepared & Analyzed: 01/30/2024						
Copper	0.00194	U	0.00203	mg/L	0.00200		97.2	50-150			
Lead	0.000500	U	0.000508	mg/L	0.000500		100	50-150			
Matrix Spike (BHA4313-MS1)											
					Source: 24A4992-01			Prepared & Analyzed: 01/30/2024			
Copper	0.110		0.00203	mg/L	0.100	0.00753	102	75-125			
Lead	0.0572		0.000508	mg/L	0.0500	6.29E-5	114	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

PWS Name:	Sellers Estates	Laboratory Name:	North Water District Laboratory S	24A4992
PWS ID #:	TX 1011459	Laboratory Address:	130 S. Trade Center P F104704238 - Conroe TX 77385	
PWS Address:	 AGGREGATE WATER SERVICES PO Box 9923 Spring TX 77387	TCEQ Laboratory ID #:	B0 T104704238	
PWS Contact Name:		Laboratory Contact Name:	Ruth Willis	
PWS Contact Phone:		Laboratory Contact Phone #:	936-321-7721 (936)-321-4060	

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: 19.8
	Corrected sample temperature: 19.8
	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 Foyle White*
 Date: 1/23/24

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 (Y)	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	LCR005	15111 Sellers Road - Bathroom	1/16/24	10:30am	1/17/24	8:00am				24A4992-01	01/23/24	08:12	
DS001	LCR006	15003 Sellers Road - Bathroom	1/14/24	11:00am	1/15/24	11:00am				↓ -02	↓	↓	

Chain of Custody

Relinquished By (Signature): <i>Heather Foyle White</i>	Date/Time: 1/23/24 8:05 AM	Relinquished By Courier (Signature):	Date/Time:
Received by Courier (Signature):	Date/Time:	Received by Lab (Signature): <i>AmA</i>	Date/Time: 01-23-24 08:05