

March 11, 2025

Danny Lewis Alliance Water Resources 313 S. Washington Street Clinton, MO 64735

TEL: (660) 492-2376

FAX:

RE: DW - Alliance Water

Dear Danny Lewis:

TEKLAB, INC received 2 samples on 2/6/2025 12:18:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Paul Schultz Project Manager

Pschultz@teklabinc.com

Deluty



Illinois 100226 Illinois 1004652024-2 Kansas E-10374

Louisiana 05002 Louisiana 05003 Oklahoma 9978

WorkOrder: 25020510

Summary of MCL's for Teklab Water Testing

Sulfate: is non-regulatory but has a secondary standard (SMCL) of 250 mg/L

Chromium, Hexavalent: MCL is .10 mg/L

Mercury: MCL is .002 mg/L

Barium: MCL is 2.0 mg/L

Boron: is not a regulated contaminant but EPA has a Health Advisory Level of 3.0 mg/L

Cadmium: MCL is .005 mg/L

Chromium: MCL is .10 mg/L

Cobalt: is not regulated and not scanned for in public drinking water with no MCL or HAL

Lithium: is not regulated but is monitored under UCMR5 and currently has no MCL or HAL

Silver: MCL is .10 mg/L

Arsenic: MCL is .01 mg/L

Lead: MCL is .015 mg/L

Selenium: MCL is .05 mg/L

Radium 226 and 228: MCL for combined radium 226 and 228 is 5.0 pCi/L



Laboratory Results

http://www.teklabinc.com/

Client: Alliance Water Resources Work Order: 25020510

Client Project: DW - Alliance Water Report Date: 11-Mar-25

Lab ID: 25020510-001 Client Sample ID: Truman Lake

Matrix: DRINKING WATER Collection Date: 02/05/2025 8:45

Analyses	Certification	RL Q	ual Result	Units	DF	Date Analyzed Batch		
EPA 300.0 TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Sulfate	NELAP	1.00	38.0	mg/L	1	02/11/2025 7:40 R360088		
STANDARD METHODS 35	00-CR B 2009, 2011 RE	V: 23RD ED						
Chromium, Hexavalent	*	0.0050	< 0.0050	mg/L	5	02/07/2025 16:48 R359983		
Elevated reporting limit due to	sample composition.							
EPA 600 245.1 (TOTAL)								
Mercury	NELAP	0.00020	< 0.00020	mg/L	1	02/12/2025 17:02 234566		
EPA 600 4.1.4, 200.7R4.4,	METALS BY ICP (TOTA	AL)						
Barium	NELAP	0.0025	0.124	mg/L	1	02/12/2025 9:19 234557		
Boron	NELAP	0.0200	0.0292	mg/L	1	02/12/2025 9:19 234557		
Cadmium	NELAP	0.0020	< 0.0020	mg/L	1	02/12/2025 9:19 234557		
Chromium	NELAP	0.0050	0.0073	mg/L	1	02/12/2025 9:19 234557		
Cobalt	*	0.0050	< 0.0050	mg/L	1	02/12/2025 9:19 234557		
Lithium	*	0.0500	< 0.0500	mg/L	1	02/12/2025 9:19 234557		
Silver	NELAP	0.0070	< 0.0070	mg/L	1	02/12/2025 9:19 234557		
EPA 600 4.1.4, 200.8 R5.4,	METALS BY ICPMS (T	OTAL)						
Arsenic	NELAP	0.0100	< 0.0100	mg/L	5	02/12/2025 9:06 234557		
Lead	NELAP	0.0010	0.0030	mg/L	5	02/12/2025 9:06 234557		
Selenium	NELAP	0.0010	< 0.0010	mg/L	5	02/13/2025 9:09 234557		
SEE ATTACHED FOR SUE	SCONTRACTING ANAL	YSIS						
Subcontracted Analysis	*	0	See Attached		1	02/28/2025 11:32 R361526		



Laboratory Results

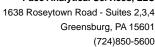
http://www.teklabinc.com/

Client: Alliance Water Resources Work Order: 25020510

Client Project: DW - Alliance Water Report Date: 11-Mar-25

Lab ID: 25020510-002Client Sample ID: Treatment PlantMatrix: DRINKING WATERCollection Date: 02/05/2025 9:00

Analyses	Certification	RL	Qual Result	Units	DF	Date Analyzed Batch		
EPA 300.0 TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Sulfate	NELAP	1.00	66.5	mg/L	1	02/11/2025 7:51 R360088		
STANDARD METHODS 350	0-CR B 2009, 2011 RE	V: 23RD ED						
Chromium, Hexavalent	*	0.0010	0.0026	mg/L	1	02/07/2025 16:49 R359983		
EPA 600 245.1 (TOTAL)								
Mercury	NELAP	0.00020	< 0.00020	mg/L	1	02/12/2025 17:25 234566		
EPA 600 4.1.4, 200.7R4.4, N	METALS BY ICP (TOTA	AL)						
Barium	NELAP `	0.0025	0.0604	mg/L	1	02/12/2025 9:20 234557		
Boron	NELAP	0.0200	0.0377	mg/L	1	02/12/2025 9:20 234557		
Cadmium	NELAP	0.0020	< 0.0020	mg/L	1	02/12/2025 9:20 234557		
Chromium	NELAP	0.0050	< 0.0050	mg/L	1	02/12/2025 9:20 234557		
Cobalt	*	0.0050	< 0.0050	mg/L	1	02/12/2025 9:20 234557		
Lithium	*	0.0500	< 0.0500	mg/L	1	02/12/2025 9:20 234557		
Silver	NELAP	0.0070	< 0.0070	mg/L	1	02/12/2025 9:20 234557		
EPA 600 4.1.4, 200.8 R5.4, I	METALS BY ICPMS (1	OTAL)						
Arsenic	NELAP	0.0100	< 0.0100	mg/L	5	02/12/2025 8:28 234557		
Lead	NELAP	0.0010	< 0.0010	mg/L	5	02/12/2025 8:28 234557		
Selenium	NELAP	0.0010	< 0.0010	mg/L	5	02/13/2025 9:34 234557		
SEE ATTACHED FOR SUBO	CONTRACTING ANAL	YSIS.						
Subcontracted Analysis	*	0	See Attached		1	02/28/2025 11:33 R361526		





March 11, 2025

Paul Schultz Teklab Inc 5445 Horseshoe Lake Road Collinsville, IL 62234

RE: Project: 25020510

Pace Project No.: 30756629

Dear Paul Schultz:

Enclosed are the analytical results for sample(s) received by the laboratory on February 17, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

• Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Justin P. Horn justin.horn@pacelabs.com

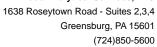
Juster Hown

(724)850-5600

Project Manager

Enclosures







ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 25020510 Pace Project No.: 30756629

Sample: 25020510-001 Lab ID: 30756629001 Collected: 02/05/25 08:45 Received: 02/17/25 16:30 Matrix: Drinking Water

PWS: Site ID: Sample Type:

Comments: • The sampler's name and signature were not listed on the COC.

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
Pace Analytical Services - Greensburg				•		
Radium-226	EPA 903.1	-0.300 ± 0.566 (0.975) C:NA T:86%	pCi/L	03/05/25 13:43	13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 904.0	0.998 ± 0.492 (0.916) C:67% T:74%	pCi/L	02/28/25 11:32	15262-20-1	