Malvern Water Works
ATTN: Mr. John Davis
506 Overman
Malvern, AR 72104

This report contains the analytical results and supporting information for samples received on March 21, 2023. Attached please find a copy of the Chain of Custody and/or other documents received. Note that any remaining sample will be discarded two weeks from the original report date unless other arrangements are made.

This report is intended for the sole use of the client listed above. Assessment of the data requires access to the entire document.

This report has been reviewed by the Chief Operating Officer or a qualified designee.

Steve Bradford
Laboratory Director

This document has been distributed to the following:

PDF cc: Malvern Water Works
ATTN: Mr. John Davis
jdavis@malvernar.gov

Malvern Water Works
ATTN: Mr. Carl Wheatley
cwheatley@malvernar.gov

Malvern Water Works
506 Overman
Malvern, AR 72104

SAMPLE INFORMATION

Project Description:
Six (6) water sample(s) received on March 21, 2023

Receipt Details:
A Chain of Custody was provided. The samples were delivered in one (1) ice chest.

Each sample container was checked for proper labeling, including date and time sampled. Sample containers were reviewed for proper type, adequate volume, integrity, temperature, preservation, and holding times. Any exceptions are noted below:

Sample Identification:

Laboratory ID	Client Sample ID	Sampled Date/Time	Notes
274228-1	MWW Ecoli Sample #1	21-Mar-2023 0950	
274228-2	MWW Ecoli Sample #2	21-Mar-2023 0954	
274228-3	MWW Ecoli Sample #3	21-Mar-2023 1007	
274228-4	MWW Ecoli Sample #4	21-Mar-2023 1015	
274228-5	MWW Ecoli - K&M	21-Mar-2023 1110	
274228-6	MWW Ecoli Sample #5	21-Mar-2023 1100	

Qualifiers:
D Result is from a secondary dilution factor

References:
"Methods for Chemical Analysis of Water and Wastes", EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/5-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993).
"Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846)", Third Edition.
"Standard Methods for the Examination of Water and Wastewaters", (SM).
"American Society for Testing and Materials" (ASTM).
"Association of Analytical Chemists" (AOAC).

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ANALYTICAL RESULTS

AIC No. 274228-1
Sample Identification: MWW Ecoli Sample #1 21-Mar-2023 0950

Analyte	Result	RL	Units	Qualifier
E. Coli	**6900**	100	**MPN/100ml**	D
Colilert-18	Analyzed: 21-Mar-2023 1448 by 343		Batch: M10138	Dil: 100

AIC No. 274228-2
Sample Identification: MWW Ecoli Sample #2 21-Mar-2023 0954

Analyte	Result	RL	Units	Qualifier
E. Coli	**66**	1	**MPN/100ml**	
Colilert-18	Analyzed: 21-Mar-2023 1448 by 343		Batch: M10138	

AIC No. 274228-3
Sample Identification: MWW Ecoli Sample #3 21-Mar-2023 1007

Analyte	Result	RL	Units	Qualifier
E. Coli	**580**	1	**MPN/100ml**	
Colilert-18	Analyzed: 21-Mar-2023 1448 by 343		Batch: M10138	

AIC No. 274228-4
Sample Identification: MWW Ecoli Sample #4 21-Mar-2023 1015

Analyte	Result	RL	Units	Qualifier
E. Coli	**730**	1	**MPN/100ml**	
Colilert-18	Analyzed: 21-Mar-2023 1448 by 343		Batch: M10138	

AIC No. 274228-5
Sample Identification: MWW Ecoli - K&M 21-Mar-2023 1110

Analyte	Result	RL	Units	Qualifier
E. Coli	**2400**	1	**MPN/100ml**	
Colilert-18	Analyzed: 21-Mar-2023 1448 by 343		Batch: M10138	

AIC No. 274228-6
Sample Identification: MWW Ecoli Sample #5 21-Mar-2023 1100

Analyte	Result	RL	Units	Qualifier
E. Coli	**370**	1	**MPN/100ml**	
Colilert-18	Analyzed: 21-Mar-2023 1448 by 343		Batch: M10138	

AMERICAN INTERPLEX CORPORATION LABORATORIES

CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

Client: Malvern Waste Water
Project Reference:
Project Manager:
Sampled By: Devan Baugh

PO No.

MATRIX: W A T E R | S O I L

AIC No.	Sample Identification	Date/Time Collected	GRAB	COMP	WATER	SOIL	NO OF BOTTLES	Ecoli	Ecoli	Ecoli	Ecoli	Ecoli	Ecoli
1	MWW Ecoli Sample #1	3/21/23 9:50 Am	X				1	X					
2	MWW Ecoli Sample #2	3/21/23 9:54 Am	X				1		X				
3	MWW Ecoli Sample #3	3/21/23 10:07 Am	X				1			X			
4	MWW Ecoli Sample #4	3/21/23 10:15 Am	X				1				X		
5	MWW Ecoli KZM	3/21/23 11:10 Am	X				1					X	
6	MWW Ecoli Sample #5	3/21/23 11:00 Am	X				1						X
		Container Type											
		Preservative											

G = Glass P = Plastic V = VOA vials H = HCl to pH2 T = Sodium Thiosulfate
NO = none S = Sulfuric acid pH2 N = Nitric acid pH2 B = NaOH to pH12 Z = Zinc acetate A=$(NH_4)_2SO_4$, NH_4OH

AIC CONTROL NO: 274228
AIC PROPOSAL NO:
Carrier: DEVAN B.
Received on ice? (Yes) No Temp. 3.2° °C
Remarks
Field pH calibration on _____ @ _____
Buffer:

Turnaround Time Requested: (Please circle)
NORMAL or EXPEDITED IN 2 / DAYS
Expedited results requested by: _____
Who should AIC contact with questions:
Phone: _____ Fax:
Report Attention to:
Report Address to:
Email Address:

Relinquished By:	Date/Time	Received By:	Date/Time
Devan Baugh	3/21/23 12:55pm		
Relinquished By:	Date/Time	Received in Lab By:	Date/Time
			3-21-23 1255

Comments:

9/2014

FORM 0060