

Tiana Toups (adpce.ad)

From: Gregory Becker <gbecker@bentonutilities.com>
Sent: Monday, October 9, 2023 1:36 PM
To: Richard Healey (adpce.ad); Todd Pedersen
Cc: Dewayne Hood; Terry Wimberly; Jason Bolenbaugh (adpce.ad); Tiana Toups (adpce.ad); Leslie Allen-Daniel (adpce.ad); Stacie Wassell (adpce.ad); Angela Freeman
Subject: RE: Benton Utilities, Force main Lift Station break, Parkett Lane
Attachments: E. Coli Results.pdf; eurofins - Analytical Report The Estates (Line Breakage).pdf

Mr. Healey,

Per your request.

I have attached the results of the E. coli sampling of the unnamed tributary stream (creek) as well as the accompanying commercial lab report.

Please let me know if you have any questions or need any additional information.

Sincerely,

Gregory Becker
Wastewater Treatment
Benton Utilities
616 West Hazel
Benton, AR 72015
Phone: 501-776-5982
Cell: 479-459-8560
gbecker@bentonutilities.com

ATTENTION: This email and any files transmitted with it are intended solely for the use of the individual or entity to which they are addressed. Any unauthorized use, disclosure or distribution is prohibited. If you are not the intended recipient, please contact the sender by reply email and destroy all copies of the original message. The views or opinions presented in this email are solely those of the author and do not necessarily represent those of Benton Utilities. You are warned to check this email and any attachments for the presence of viruses. Benton Utilities accepts no liability for any damage caused by any virus transmitted by this email.

From: Richard Healey (adpce.ad) <Richard.Healey@adeq.state.ar.us>
Sent: Wednesday, October 4, 2023 9:50 AM
To: Todd Pedersen <tpedersen@bentonutilities.com>
Cc: Gregory Becker <gbecker@bentonutilities.com>; Dewayne Hood <dhood@bentonutilities.com>; Terry Wimberly <twimberly@bentonutilities.com>; Jason Bolenbaugh (adpce.ad) <Jason.Bolenbaugh@adeq.state.ar.us>; Tiana Toups (adpce.ad) <Tiana.Toups@adeq.state.ar.us>; Leslie Allen-Daniel (adpce.ad) <Leslie.Allen-Daniel@adeq.state.ar.us>; Stacie Wassell (adpce.ad) <Stacie.Wassell@adeq.state.ar.us>
Subject: Benton Utilities, Force main Lift Station break, Parkett Lane

Todd

Please provide DEQ an update on the Benton Utilities assessment and clean activities at the unnamed tributary (creek) to the Saline River from the ruptured 12 inch force main . Please provide DEQ, GPS location coordinates of the ruptured 12 inch force main at the Parkett Lane lift station, GPS Location coordinates of where the unnamed tributary (creek) enters the Saline River. Please provide photographs.

DEQ is also concerned the reported estimate volume (1500 gallons) of released wastewater is vastly under estimated, using the attached document please recalculate the estimated volume.

If you have any questions regarding this matter, please do not hesitate to contact me.

Thanks

Richard C. Healey | Enforcement Branch Manager
Division of Environmental Quality | Office of Water Quality
5301 Northshore Drive | North Little Rock, AR 72118
t: 501-682-0640 | e: richard.healey@adeq.state.ar.us



From: Todd Pedersen
Sent: Tuesday, October 3, 2023 5:04 PM
To: 'Richard.Healy@adeq.ar.us' <Richard.Healy@adeq.ar.us>
Cc: Gregory Becker <gbecker@bentonutilities.com>; Dwayne Hood <dhood@bentonutilities.com>; Terry Wimberly <twimberly@bentonutilities.com>
Subject: Force main Lift Station break

Richard,

Just giving you update of our initial steps started.

We will take samples on the Saline upstream and downstream of wear this creek enters the Saline. We will also take a sample of the creek if it is flowing.

We are going to try to access the area with the Vac truck and suck up anything that we might be considered waste. We will start documenting the process with pictures to show our progress and what we have done.

Todd Pedersen, General Manager
Benton Utilities
Office: (501) 776-5984

Escherichia Coli Results		
Date	Sample ID	MPN/100ml
10/4/2023	Riverside (Up Stream)	980
10/4/2023	Break (3324 River Heights)	2400
10/4/2023	Near Fence (Hwy 5 Culvert)	>2400
10/4/2023	Pool (Mid-Point of Stream)	26
10/4/2023	End Creek (Enters Saline River)	1100
10/4/2023	Lyle Park (Down Stream)	54

 **ANALYTICAL REPORT****PREPARED FOR**

Attn: Mr. Greg Becker
Benton Utilities
616 West Hazel Street
Benton, Arkansas 72015

Generated 10/6/2023 2:46:23 PM

JOB DESCRIPTION

The Estates (Line Breakage)

JOB NUMBER

192-5669-1

Eurofins Arkansas

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Generated
10/6/2023 2:46:23 PM

Authorized for release by
John Overbey, Business Unit Manager
john.overbey@et.eurofinsus.com
Designee for
Steve Bradford, Lab Director
steve.bradford@et.eurofinsus.com
(501)224-5060



Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Association Summary	7
Lab Chronicle	8
Certification Summary	9
Method Summary	10
Sample Summary	11
Chain of Custody	12
Receipt Checklists	13

Definitions/Glossary

Client: Benton Utilities
Project/Site: The Estates (Line Breakage)

Job ID: 192-5669-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Benton Utilities
Project/Site: The Estates (Line Breakage)

Job ID: 192-5669-1

Job ID: 192-5669-1

Laboratory: Eurofins Arkansas

Narrative

**Job Narrative
192-5669-1**

Receipt

The samples were received on 10/4/2023 12:01 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 12.6° C.

Biology

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

1

2

3

4

5

6

7

8

9

10

11

12

Client Sample Results

Client: Benton Utilities
Project/Site: The Estates (Line Breakage)

Job ID: 192-5669-1

Client Sample ID: Riverside

Lab Sample ID: 192-5669-1

Date Collected: 10/04/23 09:55

Matrix: Water

Date Received: 10/04/23 12:01

Method: IDEXX Coliform - Coliforms, Total, and E.Coli (Colilert - Quanti Tray)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Escherichia coli	980		1.0	MPN/100mL			10/04/23 15:25	1

Client Sample ID: Pool

Lab Sample ID: 192-5669-2

Date Collected: 10/04/23 09:36

Matrix: Water

Date Received: 10/04/23 12:01

Method: IDEXX Coliform - Coliforms, Total, and E.Coli (Colilert - Quanti Tray)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Escherichia coli	26		1.0	MPN/100mL			10/04/23 15:25	1

Client Sample ID: Near Fence

Lab Sample ID: 192-5669-3

Date Collected: 10/04/23 09:25

Matrix: Water

Date Received: 10/04/23 12:01

Method: IDEXX Coliform - Coliforms, Total, and E.Coli (Colilert - Quanti Tray)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Escherichia coli	>2400		1.0	MPN/100mL			10/04/23 15:25	1

Client Sample ID: Lyle Park

Lab Sample ID: 192-5669-4

Date Collected: 10/04/23 09:00

Matrix: Water

Date Received: 10/04/23 12:01

Method: IDEXX Coliform - Coliforms, Total, and E.Coli (Colilert - Quanti Tray)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Escherichia coli	54		1.0	MPN/100mL			10/04/23 15:26	1

Client Sample ID: End Creek (House)

Lab Sample ID: 192-5669-5

Date Collected: 10/04/23 09:43

Matrix: Water

Date Received: 10/04/23 12:01

Method: IDEXX Coliform - Coliforms, Total, and E.Coli (Colilert - Quanti Tray)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Escherichia coli	1100		1.0	MPN/100mL			10/04/23 15:26	1

Client Sample ID: @ Break

Lab Sample ID: 192-5669-6

Date Collected: 10/04/23 09:18

Matrix: Water

Date Received: 10/04/23 12:01

Method: IDEXX Coliform - Coliforms, Total, and E.Coli (Colilert - Quanti Tray)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Escherichia coli	2400		1.0	MPN/100mL			10/04/23 15:26	1

QC Association Summary

Client: Benton Utilities
Project/Site: The Estates (Line Breakage)

Job ID: 192-5669-1

Biology

Analysis Batch: 7850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
192-5669-1	Riverside	Total/NA	Water	Coliform	
192-5669-2	Pool	Total/NA	Water	Coliform	
192-5669-3	Near Fence	Total/NA	Water	Coliform	
192-5669-4	Lyle Park	Total/NA	Water	Coliform	
192-5669-5	End Creek (House)	Total/NA	Water	Coliform	
192-5669-6	@ Break	Total/NA	Water	Coliform	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Lab Chronicle

Client: Benton Utilities
Project/Site: The Estates (Line Breakage)

Job ID: 192-5669-1

Client Sample ID: Riverside

Date Collected: 10/04/23 09:55

Date Received: 10/04/23 12:01

Lab Sample ID: 192-5669-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Coliform		1	7850	SC	EET ARK	10/04/23 15:25

Client Sample ID: Pool

Date Collected: 10/04/23 09:36

Date Received: 10/04/23 12:01

Lab Sample ID: 192-5669-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Coliform		1	7850	SC	EET ARK	10/04/23 15:25

Client Sample ID: Near Fence

Date Collected: 10/04/23 09:25

Date Received: 10/04/23 12:01

Lab Sample ID: 192-5669-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Coliform		1	7850	SC	EET ARK	10/04/23 15:25

Client Sample ID: Lyle Park

Date Collected: 10/04/23 09:00

Date Received: 10/04/23 12:01

Lab Sample ID: 192-5669-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Coliform		1	7850	SC	EET ARK	10/04/23 15:26

Client Sample ID: End Creek (House)

Date Collected: 10/04/23 09:43

Date Received: 10/04/23 12:01

Lab Sample ID: 192-5669-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Coliform		1	7850	SC	EET ARK	10/04/23 15:26

Client Sample ID: @ Break

Date Collected: 10/04/23 09:18

Date Received: 10/04/23 12:01

Lab Sample ID: 192-5669-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Coliform		1	7850	SC	EET ARK	10/04/23 15:26

Laboratory References:

EET ARK = Eurofins Arkansas, 8600 Kanis Rd, Little Rock, AR 72204, TEL (501)224-5060

Accreditation/Certification Summary

Client: Benton Utilities
Project/Site: The Estates (Line Breakage)

Job ID: 192-5669-1

Laboratory: Eurofins Arkansas

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	60-0889	03-01-24

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Method Summary

Client: Benton Utilities
Project/Site: The Estates (Line Breakage)

Job ID: 192-5669-1

Method	Method Description	Protocol	Laboratory
Coliform	Coliforms, Total, and E.Coli (Colilert - Quanti Tray)	IDEXX	EET ARK

Protocol References:

IDEXX = IDEXX Laboratories

Laboratory References:

EET ARK = Eurofins Arkansas, 8600 Kanis Rd, Little Rock, AR 72204, TEL (501)224-5060



Sample Summary

Client: Benton Utilities
Project/Site: The Estates (Line Breakage)

Job ID: 192-5669-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
192-5669-1	Riverside	Water	10/04/23 09:55	10/04/23 12:01
192-5669-2	Pool	Water	10/04/23 09:36	10/04/23 12:01
192-5669-3	Near Fence	Water	10/04/23 09:25	10/04/23 12:01
192-5669-4	Lyle Park	Water	10/04/23 09:00	10/04/23 12:01
192-5669-5	End Creek (House)	Water	10/04/23 09:43	10/04/23 12:01
192-5669-6	@ Break	Water	10/04/23 09:18	10/04/23 12:01

1

2

3

4

5

6

7

8

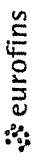
9

10

11

12

Chain of Custody Record



Client Information Client Contact: Mr. Greg Becker Company: Benton Utilities Address: 616 West Hazel Street City: Benton State, Zip: AR, 72015 Phone: 501.776.5982 Email: gbecker@bentonutilities.com Project Name: THE ESTATES (Broken) Site: River View Heights		Lab PM: Overbey, John E-Mail: john.overbey@eurofins.com Carrier Tracking No(s): State of Origin: Analysis Requested:	
Due Date Requested: TAT Requested (days): Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No PO #: Purchase Order Required 107596 WO #: Project #: SSOW#:		COC No: Page: 1 of 1 Job #: 192-5669 COC	
Sample Identification Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=waste/soil, BT=tissue, A=air) Preservation Code Field Filtered Sample (Yes or No)		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)	
Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Special Instructions/Note: Total Number of containers:	
Deliverable Requested I, II, III, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Empty Kit Relinquished by: A. Fraeman Date/Time: 10/4/23 / 12:01 Relinquished by: Buxton WWP Date/Time: Relinquished by:		Method of Shipment: Date/Time: Received by: Date/Time: Received by:	
Relinquished by: A. Fraeman Date/Time: 10/4/23 / 12:01 Relinquished by: Buxton WWP Date/Time: Relinquished by:		Received by: JANNY BROWN Date/Time: 10-4-23/12:01 Received by:	
Custody Seals Intact. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Custody Seal No		Cooler Temperature(s) °C and Other Remarks: 7.6	



Login Sample Receipt Checklist

Client: Benton Utilities

Job Number: 192-5669-1

Login Number: 5669

List Source: Eurofins Arkansas

List Number: 1

Creator: Brown, Danny

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	Received same day of collection; chilling process has begun.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	