



*GTS Lab  
1915 N. Shiloh Dr.  
Fayetteville, AR 72704  
TEL: (479) 521-1256 FAX: (479) 521-6232  
Website: www.gtsconsulting.net*

August 25, 2019

Rick Sayre  
City of Bethel Heights  
530 Sunrise Dr.  
Bethel Heights, AR 72764  
TEL: (479) 601-5932  
FAX:

RE: Drip Field samples

Order No.: 1908100

Dear Rick Sayre:

GTS Lab received 5 sample(s) on 8/23/2019 for the analyses presented in the following report.

There were no problems with the analytical events associated with this report unless noted in the Case Narrative. Analytical results designated with a "\*" or "X" qualifier exceed permit limits provided to the lab for the indicated analytes.

Quality control data is within laboratory defined or method specified acceptance limits except if noted.

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

Sincerely,

A handwritten signature in black ink that reads "Richard Brown". The signature is written in a cursive style with a large, prominent "R" and "B".

Richard Brown  
Analytical Laboratory Director  
1915 N. Shiloh Dr.  
Fayetteville, AR 72704



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# Analytical Report

(Continuous)

WO#: **1908100**

Date Reported: **8/25/2019**

**CLIENT:** City of Bethel Heights **Collection Date:** 8/23/2019 1:50:00 PM  
**Project:** Drip Field samples  
**Lab ID:** 1908100-001 **Matrix:** AQUEOUS  
**Client Sample ID** Phase 1

Analyses	Result	RL	Qual	Units	DF	Prep Date	Analysis Date	Method
E. coli	520	100		MPN/100mL	100	08/23/19 15:56	08/24/19 11:22	Colilert-18
Fecal Coliform	620	100		MPN/100mL	100	08/23/19 15:56	08/24/19 11:22	Colilert-18

**CLIENT:** City of Bethel Heights **Collection Date:** 8/23/2019 1:55:00 PM  
**Project:** Drip Field samples  
**Lab ID:** 1908100-002 **Matrix:** AQUEOUS  
**Client Sample ID** Phase 2

Analyses	Result	RL	Qual	Units	DF	Prep Date	Analysis Date	Method
E. coli	1,480	100		MPN/100mL	100	08/23/19 15:56	08/24/19 11:22	Colilert-18
Fecal Coliform	5,760	100		MPN/100mL	100	08/23/19 15:56	08/24/19 11:22	Colilert-18

**Qualifiers:**

* Value exceeds Permit Level for analyte	B Analyte detected in the associated Method Blank
DF Dilution Factor	H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
RL Reporting Detection Limit	S Spike Recovery outside accepted recovery limits

Original



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# Analytical Report

(Continuous)

WO#: **1908100**

Date Reported: **8/25/2019**

**CLIENT:** City of Bethel Heights **Collection Date:** 8/23/2019 2:00:00 PM  
**Project:** Drip Field samples  
**Lab ID:** 1908100-003 **Matrix:** AQUEOUS  
**Client Sample ID** Phase 3

Analyses	Result	RL	Qual	Units	DF	Prep Date	Analysis Date	Method
E. coli	2,560	100		MPN/100mL	100	08/23/19 15:56	08/24/19 11:22	Colilert-18
Fecal Coliform	2,650	100		MPN/100mL	100	08/23/19 15:56	08/24/19 11:22	Colilert-18

**CLIENT:** City of Bethel Heights **Collection Date:** 8/23/2019 2:11:00 PM  
**Project:** Drip Field samples  
**Lab ID:** 1908100-004 **Matrix:** AQUEOUS  
**Client Sample ID** Phase 4A

Analyses	Result	RL	Qual	Units	DF	Prep Date	Analysis Date	Method
E. coli	1,690	100		MPN/100mL	100	08/23/19 15:56	08/24/19 11:22	Colilert-18
Fecal Coliform	410	100		MPN/100mL	100	08/23/19 15:56	08/24/19 11:22	Colilert-18

**Qualifiers:**

*	Value exceeds Permit Level for analyte	B	Analyte detected in the associated Method Blank
DF	Dilution Factor	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Original



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# Analytical Report

(Continuous)

WO#: **1908100**

Date Reported: **8/25/2019**

**CLIENT:** City of Bethel Heights

**Collection Date:** 8/23/2019 2:17:00 PM

**Project:** Drip Field samples

**Lab ID:** 1908100-005

**Matrix:** AQUEOUS

**Client Sample ID** Phase 4B

Analyses	Result	RL	Qual	Units	DF	Prep Date	Analysis Date	Method
E. coli	740	100		MPN/100mL	100	08/23/19 15:56	08/24/19 11:22	Colilert-18
Fecal Coliform	3,090	100		MPN/100mL	100	08/23/19 15:56	08/24/19 11:22	Colilert-18

**Qualifiers:**

*	Value exceeds Permit Level for analyte	B	Analyte detected in the associated Method Blank
DF	Dilution Factor	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Original

# CHAIN OF CUSTODY

Client Name/Address				Project Description				Billing Information				Field Test Information											
City of Bethel Heights 901 S. Lincoln St. Bethel Heights, AR 72764				<b>Drip Irrigation System</b>				City of Bethel Heights 530 Sunrise Dr. Bethel Heights, AR 72764				Test		1st Result		2nd Result		Analyst		Time			
Client Project Manager/Contact				Project/Site Location (City/State)				<input type="checkbox"/> RUSH-Additional Charges Apply <input type="checkbox"/> Special Detection Limit(s) Date Results Needed				Method of Shipment				Matrix Key							
<b>Rick Sayre</b>												<input type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Courier <input type="checkbox"/> Client Drop Off Other		WW - Wastewater    GW - Groundwater DW - Drinking Water    S - Soil/Solid    O - Oil P - Product    M - Misc									
Project Manager Phone #				Project Manager Email				Site/Facility ID#				Purchase Order Number				Project Number							
<b>(479)601-5932</b>				<b>rsayer@bethelheightsark.org</b>				<b>Permit 4725-WR-5</b>															
<div style="border: 2px solid black; padding: 5px; text-align: center;"> <h2 style="margin: 0;">GTS, Inc.</h2> <p style="margin: 0; font-size: small;">Geotechnical &amp; Testing Services</p> <p style="margin: 0; font-size: small;">www.gtsconsulting.net</p> </div>				1915 N. Shiloh Drive Fayetteville, AR 72704 Phone (479) 521-7645 Fax (479) 521-6232				Matrix (Refer to Key) Preservative (Refer to Key) (G)rab or (C)omposite fecal coliform, E. coli								Preservative Key A Cool < 10C Na2S2O3 (Micro Only) B Cool <=6C C H2SO4 Ph<2 D None Required E NaOH pH>10 F HNO3 pH<2 G HCL pH<2 H H3PO4 pH<2 I Cool <=6C Na2S2O3							
																				Unless noted, all containers per Table II of 40 CFR Part 136.			
START DATE	START TIME	STOP DATE	STOP TIME	Sample Identification				Required Analysis				Laboratory Sample Number											
		8/23/19	13:50	Phase 1	GW	A	G	X								19080100-001A							
		8/23/19	13:59	Phase 2	GW	A	G	X								19080100-002A							
		8/23/19	14:00	Phase 3	GW	A	G	X								19080100-003A							
		8/23/19	14:11	Phase 4A	GW	A	G	X								19080100-004A							
		8/23/19	14:17	Phase 4B	GW	A	G	X								19080100-005A							
For Laboratory Use Only				Ice				Custody Seals				Lab Comments											
				(Y) N				(Y) N				Sampled by (Name - Print) <b>Andrew Stephens</b> Relinquished by: (SIGNATURE)  Relinquished by: (SIGNATURE) Relinquished by: (SIGNATURE)											
Blank / Cooler Temp <b>3.5°C</b>				Start Flow Reading				Final Flow Reading								Units				Instantaneous or Total Flow Reading			
				Date Time				Received by: (SIGNATURE)								Date Time				Received by: (SIGNATURE)			
				Date Time				Received by: (SIGNATURE)								Date Time				Received by: (SIGNATURE)			
Date Time				Received by: (SIGNATURE)				Date Time				Received by: (SIGNATURE)											