



# Analytical Report

1702 East Central Avenue  
Bentonville, AR 72712  
479-271-7996 phone  
479-271-8394 fax

07/15/09 16:39

Client: Town of Highfill  
11978 Highfill Ave  
Gentry AR, 72734

Work Order: BG90122  
Project Name: Monthly effluent  
Project Number: Monthly effluent

Attn: Frank Holzkamper

Date Received: 07/08/09

Sample ID	Laboratory ID	Date and Time Sampled	Sampled By	Sample Type
Effluent	BG90122-01	07/08/09 13:28	Joshua Marshall	Grab

Samples were received into laboratory at a temperature of 18.00 °C

### Comments:

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager. Any opinions, if expressed, are outside the scope of the laboratory's accreditation.

This report and any attachment(s) contains information from Environmental Testing Group, Inc ("ETG"), and is confidential and privileged. The information is intended for the use of the individual or entity named above. If you are not the intended recipient, be aware that any review, disclosure, printing, copying, distribution, retransmission, dissemination or other use of the information and/or contents of this message is prohibited. If you receive this message in error, please contact the sender immediately and delete any and all copies of this message from your computer(s).

Results are reported on a wet weight basis unless otherwise noted.

The reported results were obtained in compliance with 2003 NELAC standards unless otherwise noted.

These results relate only to the items tested.

Estimated uncertainty is available upon request.

This report has been electronically signed.

David D'Amico  
Laboratory Director

ADEQ 04-0574/07-087-0

NELAP/FL DOH E871035





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Work Order: BG90122  
 Project Name: Monthly effluent  
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Attn: Frank Holzkamper

Date Received: 07/08/09

### Effluent BG90122-01 (Water) Sampled: 07/08/09 13:28

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
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#### Environmental Testing Group

#### Chemistry Parameters by APHA/EPA Methods

NA	Ammonia as N	ND		mg/L	0.030	0.100	1	07/14/09 07:40	JHM	EPA 350.1	B9G1303
NA	Carbonaceous BOD	0.645	<, J	"	0.500	1.00	"	07/08/09 15:30	JSH	SM5210B	B9G0802
C-006	pH	7.50		pH Units			"	07/08/09 13:28	JHM	SM 4500-H B	B9G0909
NA	Phosphorus, Total as P	3.04		mg/L	0.0100	0.0500	"	07/15/09 15:25	DAD	EPA 365.1	B9G1404
NA	Total Suspended Solids	1.50		"	1.00	1.00	"	07/09/09 08:35	JSH	USGS 1-3765-85	B9G0901

#### Microbiological Parameters by APHA Standard Methods

NA	Fecal Coliforms	ND		CFU/100 ml	1.00	1.00	1	07/08/09 15:36	JSH	SM 9222D	B9G0810
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#### Notes and Definitions

J Estimated Value. Compound was detected below minimum quantitation levels.

< Results are less than the reported value due to low dilution factor

ND Analyte NOT DETECTED at MDL MDL Method Detection Limit

PQL Practical Quantitation Limit ug/L Micrograms/Liter (PPB)

mg/L Milligrams/Liter (PPM) ug/Kg Micrograms/Kilogram (PPB)

mg/Kg Milligrams/Kilogram (PPM) dry Sample results reported on a dry weight basis

Environmental Testing Group

David D'Amico  
 Laboratory Director

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



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# Town of Highfill CHAIN OF CUSTODY RECORD

<b>CLIENT INFORMATION</b>		<b>Reporting Information</b>		<b>Bottle Type:</b>		<b>Preservation Codes:</b>								
Town of Highfill 11978 Higfill Ave. Gentry, AR 72734		Project Name Highfill Wastewater Treatment System E-Mail: frank.holtzkamper@highfillar.com  Telephone: (479) 936-4646 Fax: (479) 736-5921 Bill to/ P.O.#:		A) 1 Liter Poly B) 500 mL Poly C) 250 mL Poly D) 1 L Amber Glass E) 330 mL Amber Glass F) 100 mL Snap Cap G) 43 mL VOA		1. Cool, 4 Degrees Centigrade Non-preserved 2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ), pH < 2 3. Nitric Acid (HNO <sub>3</sub> ), pH < 2			4. Thiosulfate for Dechlorination 5. Hydrochloric Acid (HCl) 6. Sodium Hydroxide (NaOH), pH > 12 7. H <sub>3</sub> PO <sub>4</sub> Phosphoric Acid					
Customer Number:		Project Manager: Frank Holtzkamper		Preservative Code:		1	2	4						
				Bottle Type:		A	B	F						

Sampler(s) Signature: *Joshua H. Marshall* Sampler(s) Printed: *Joshua H. Marshall*

LAB ID #	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix S=Solid W=Water	SAMPLE IDENTIFICATION . DESCRIPTION	CBOD, TSS, pH field	NH3-N, TP	Fecal Coliform,	TEST PARAMETERS															
	Date/s	Time/s																								
BG90122-01	7/8/09	1328	X		1	W	Effluent	X																		
	↓	↓	X		1	W	Effluent		X																	
			X		1	W	Effluent			X																

**BG90122-01 C**  
 Effluent  
 Sampled: 07/08/09 13:28  
 Water-Work Order Label  
 Town of Highfill

2015

1. Relinquished by: (Signature)		Date/Time		2. Received by: (Signature)		<b>SAMPLE CONDITION UPON RECEIPTS IN LAB</b>						<b>REMARKS / COMMENTS</b>					
<i>Joshua H. Marshall</i>		7/8/09		<i>Deanna Blankenship</i>		1. CUSTODY SEALS: ___ Yes ___ No						pH - 2496 7.50 @ 1342					
		1445				2. CONTAINERS CORRECT: ___ Yes ___ No						Dwp - 7.49					
3. Relinquished by: (Signature)		Date/Time		4. Received by lab: (Signature)		3. COC/LABELS AGREE: ___ Yes ___ No						4. PRESERVATION CONFIRMED: ___ Yes ___ No					
<i>Joshua H. Marshall</i>		7/8/09		<i>Deanna Blankenship</i>		4. PRESERVATION CONFIRMED: ___ Yes ___ No						5. RECEIVED ON ICE: ___ Yes ___ No					
		1445				5. RECEIVED ON ICE: ___ Yes ___ No						6. TEMPERATURE UPON RECEIPT: ___ °C					
						6. TEMPERATURE UPON RECEIPT: ___ °C						FOR COMPLETION BY LAB ONLY					
												FEDEX UPS					