



Analytical Report

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

09/23/09 15:02

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

Work Order: BI90098
Project Name: Monthly effluent
Project Number: Monthly effluent

Attn: Frank Holzkamper

Date Received: 09/16/09

Sample ID	Laboratory ID	Date and Time Sampled	Sampled By	Sample Type
Effluent	BI90098-01	09/16/09 12:05	Joshua Marshall	Grab

Samples were received into laboratory at a temperature of 2.00 °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.

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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: BI90098
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Attn: Frank Holzkamper

Date Received: 09/16/09

Effluent
BI90098-01 (Water) Sampled: 09/16/09 12:05

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	09/21/09 11:54	JHM	EPA 350.1	B911802
NA	Carbonaceous BOD	2.25		"	0.500	1.00	"	09/16/09 06:32	DAD	SM5210B	B911517
C-006	pH	7.45		pH Units			"	09/16/09 12:05	JHM	SM 4500-H B	B911607
NA	Phosphorus, Total as P	0.816		mg/L	0.0100	0.0500	"	09/23/09 11:14	DAD	EPA 365.1	B912106
NA	Total Suspended Solids	ND		"	1.00	1.00	"	09/17/09 09:09	DAD	USGS 1-3765-85	B911701

Microbiological Parameters by APHA Standard Methods

NA	Fecal Coliforms	ND		CFU/100 ml	1.00	1.00	1	09/16/09 15:13	JHM	SM 9222D	B911604
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Notes and Definitions

NHD No Depletion at highest Dilution

< 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.



1702 East Central Avenue
 Bentonville, AR 72712
 Ph: (479) 271-7996
 Fx: (479) 271-8394

Town of Highfill

CHAIN OF CUSTODY RECORD

CLIENT INFORMATION Town of Highfill 11978 Higfill Ave. Gentry, AR 72734	Reporting Information Project Name Highfill Wastewater Treatment System E-Mail: frank.holtzkamper@highfillar.com Telephone: (479) 936-4646 Fax: (479) 736-5921 Bill to/ P.O.#.	Bottle Type: 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	Preservation Codes: 1. Cool, 4 Degrees Centigrade Non-preserved 2. Sulfuric Acid (H ₂ SO ₄), pH < 2 3. Nitric Acid (HNO ₃), pH < 2 4. Thiosulfate for Dechlorination 5. Hydrochloric Acid (HCl) 6. Sodium Hydroxide (NaOH), pH > 12 7. H ₃ PO ₄ Phosphoric Acid							
TEST PARAMETERS										
Preservative Code:		1	2	4						
Bottle Type:		A	B	F						

Customer Number: **2015** Project Manager: Frank HoltzKamper

Sampler(s) Signature: <i>Joshua H. Marshall</i>		Sampler(s) Printed: <i>Joshua H. Marshall</i>																	
LAB ID #	SAMPLE COLLECTION Date/s Time/s		Grab	Comp	Number of Bottles	Sample Matrix S=Solid W=Water	SAMPLE IDENTIFICATION . DESCRIPTION		CBOD, TSS, pH field	NH3-N, TP	Fecal Coliform,								
B190097-01	9/16/09	1205	X		1	W	Effluent		X										
	↓	↓	X		1	W	Effluent			X									
			X		1	W	Effluent				X								
BI90098-01 C Effluent Sampled: 09/16/09 12:05 Water-. Work Order Label Town of Highfill																			

1. Relinquished by: (Signature)	Date/Time	2. Received by: (Signature)	
3. Relinquished by: (Signature)	Date/Time	4. Received by lab: (Signature)	
<i>Joshua H. Marshall</i>	9/16/09 1345	<i>Deanna Blankenship</i>	
SAMPLE CONDITION UPON RECEIPTS IN LAB			<input checked="" type="checkbox"/> REMARKS / COMMENTS
1 CUSTODY SEALS: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 2 CONTAINERS CORRECT Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 3 COC/LABELS AGREE: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 4 PRESERVATION CONFIRMED: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 5 RECEIVED ON ICE Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 6 TEMPERATURE UPON RECEIPT 2 °C			PH-7.45 @ 1215 Dup-7.45 taken @ 1205
FOR COMPLETION BY LAB ONLY			FEDEX UPS