



ARKANSAS
Department of Environmental Quality

March 12, 2009

The Honorable Joe Rogers
Mayor, City of Monticello
P.O. Box 505
Monticello, AR 71655

RE: Compliance Inspection

AFIN: 22-00037

NPDES Permit No.: AR0021831

Dear Mayor Rogers:

On February 12, 2009, I performed a routine compliance inspection of the Monticello East Plant facility in accordance with the provisions of the Federal Clean Water Act, the Arkansas Water and Air Pollution Control Act, and the regulations promulgated there under. This inspection revealed the following violations:

1. The solids trough at the bar screen had a hole in it that would allow screen solids back into the influent channel.
2. The facility did not have lab data and chain of custodies for the months of August, September, and December 2008.
3. The facility did not have annual soil test lab data and chain of custody for 2008.
4. The facility did not have quarterly copper lab data and chain of custodies for 2008.
5. The facility did not have quarterly irrigation water lab data and chain of custodies for 2008.
6. The facility did not have quarterly monitoring well lab data and chain of custodies for 2008.
7. The facility did not have a Storm Water Pollution Prevention Plan (SWPPP).

The above items require your immediate attention. Please submit a written response to these findings to Cindy Garner, Technical Assistance Manager of the Water Division Enforcement Branch of this Department at the following address:

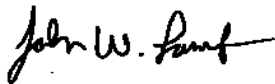
Cindy Garner, Technical Assistance Manager
Water Division Enforcement Branch
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, AR 72118-5317

This response should contain detailed documentation describing the course of action taken to correct the items noted. This corrective action should be completed as soon as possible, and the written response is due by April 02, 2009.

For additional information you may contact the enforcement branch by telephone at 501-682-0639 or by fax at 501-682-0910.

If I can be of any assistance, please contact me at 870-862-0680.

Sincerely,



John W. Lamb
District 8 Field Inspector
Water Division

cc: Water Division Enforcement Branch
Water Division Permits Branch



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Washington, D.C. 20460

Form Approved
OMB No. 2040-0003

NPDES Compliance Inspection Report

Section A: National Data System Coding

Transaction Code	NPDES	Yr/Mo/Day	Inspec. Type	Inspector	Fac. Type
1 N 2 5 3 A R 0 0 2 1 8 3 1 11 12 0 9 0 2 1 2 17 18 C 19 S 20 1	Remarks				
Inspection Work Days		Facility Evaluation Rating		BI QA -----Reserved-----	
67		69	70	1	71 N 72 N 73 74 75 80

Section B: Facility Data

Name and Location of Facility Inspected (<i>For industrial users discharging to POTW, also include POTW name and NPDES permit number</i>) MONTICELLO, CITY OF-EAST PLANT East of Town, off Old Florence Road Monticello, AR	Entry Time/Date 10:07 /2/12/2009	Permit Effective Date 2/1/2007
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Charles Hammock, 870-367-3415	Exit Time/Date 15:54 /2/12/2009	Permit Expiration Date 1/31/2012
Name, Address of Responsible Official/Title/Phone and Fax Number Joe Rogers, Mayor, 870-367-3415 MONTICELLO, CITY OF-EAST PLANT P.O. Box 505 Monticello,, AR 71655	Contacted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Other Facility Data

Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

S	Permit	S	Flow Measurement	U	Operations & Maintenance	U	Sampling
U	Records/Reports	U	Self-Monitoring Program	S	Sludge Handling/Disposal	N	Pollution Prevention
U	Facility Site Review	N	Compliance Schedules	N	Pretreatment	N	Multimedia
S	Effluent/Receiving Waters	U	Laboratory	U	Storm Water		Other:

Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

Section B, D and F: The facility did not have lab data or chain of custodies for the following:
 Regular samples – August, September, December 2008; Quarterly samples 2008 copper, irrigation water and monitoring well samples; Annual soil samples 2008

Section C, item 2: The solids trough at the bar screen had a hole in it large enough for solids to fall back into effluent channel.

Section C: The facility has planted pine trees on the land application site. This was approved by John Bailey, letter dated September 2008. See page 9.

Section J: The facility did not have a SWPPP or a “no exposure” certification.

Name(s) and Signature(s) of Inspector(s) John W. Lamb	Agency/Office/Telephone/Fax Arkansas Department of Environmental Quality 3400 West. Hillsboro, El Dorado, AR 71730 870-862-0680/ Fax 870-862-3509	Date 12 March 2009
Signature of Reviewer	Agency/Office/Phone and Fax Numbers	Date

SECTION A: PERMIT VERIFICATION		
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PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
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- DETAILS:
- | | |
|--|--|
| 1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 2. NOTIFICATION GIVEN TO EPA/STATE OF NEW DIFFERENT OR INCREASED DISCHARGES: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 3. NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 4. ALL DISCHARGES ARE PERMITTED: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |

SECTION B: RECORDKEEPING AND REPORTING EVALUATION		
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RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT	<input type="checkbox"/> S <input type="checkbox"/> M <input checked="" type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
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- DETAILS: see page 1
- | | |
|--|--|
| 1. ANALYTICAL RESULTS CONSISTENT WITH DATA REPORTED ON DMRS: | <input type="checkbox"/> S <input type="checkbox"/> M <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 2. SAMPLING AND ANALYSES DATA ADEQUATE AND INCLUDE: | <input type="checkbox"/> S <input type="checkbox"/> M <input checked="" type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE |
| a. DATES AND TIME(S) OF SAMPLING: | <input type="checkbox"/> S <input type="checkbox"/> M <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| b. EXACT LOCATION(S) OF SAMPLING: | <input type="checkbox"/> S <input type="checkbox"/> M <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| c. NAME OF INDIVIDUAL PERFORMING SAMPLING: | <input type="checkbox"/> S <input type="checkbox"/> M <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| d. ANALYTICAL METHODS AND TECHNIQUES: | <input type="checkbox"/> S <input type="checkbox"/> M <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| e. RESULTS OF CALIBRATIONS: | <input type="checkbox"/> S <input type="checkbox"/> M <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| f. RESULTS OF ANALYSES: | <input type="checkbox"/> S <input type="checkbox"/> M <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| g. DATES AND TIMES OF ANALYSES: | <input type="checkbox"/> S <input type="checkbox"/> M <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| h. NAME OF PERSON(S) PERFORMING ANALYSES: | <input type="checkbox"/> S <input type="checkbox"/> M <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE: | <input type="checkbox"/> S <input type="checkbox"/> M <input checked="" type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR: | <input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |

SECTION C: OPERATIONS AND MAINTENANCE		
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TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED	<input type="checkbox"/> S <input type="checkbox"/> M <input checked="" type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
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- DETAILS: see page 1
- | | |
|---|---|
| 1. TREATMENT UNITS PROPERLY OPERATED: | <input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 2. TREATMENT UNITS PROPERLY MAINTAINED: | <input type="checkbox"/> S <input type="checkbox"/> M <input checked="" type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED: | <input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE: | <input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 5. ALL NEEDED TREATMENT UNITS IN SERVICE: | <input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED: | <input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED: | <input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 8. OPERATION AND MAINTENANCE MANUAL AVAILABLE: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 9. STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 10. PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 11. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 12. IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 13. HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS: | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 14. HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT: | <input type="checkbox"/> S <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE |
| 15. IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT: | <input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input checked="" type="checkbox"/> NE |

SECTION D: SAMPLING

PERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS

S M U NA NEDETAILS: see page 1

1. SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
2. LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
3. FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
4. SAMPLING AND ANALYSES COMPLETED ON PARAMETERS SPECIFIED IN PERMIT:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
5. SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
6. SAMPLE COLLECTION PROCEDURES ADEQUATE:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
a. SAMPLES REFRIGERATED DURING COMPOSITING:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
b. PROPER PRESERVATION TECHNIQUES USED:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
c. CONTAINERS AND SAMPLE HOLDING TIMES CONFORM TO 40 CFR 136:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
7. IF MONITORING IS PERFORMED MORE OFTEN THAN REQUIRED ARE RESULTS REPORTED ON THE DMR:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE

SECTION E: FLOW MEASUREMENT

PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS

S M U NA NE

DETAILS:

1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED: <u>weir</u> TYPE OF DEVICE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
2. FLOW MEASURED AT EACH OUTFALL AS REQUIRED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
3. SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
4. CALIBRATION FREQUENCY ADEQUATE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
5. RECORDS MAINTAINED OF CALIBRATION PROCEDURES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
6. CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
7. FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
8. FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGE OF FLOW RATES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
9. HEAD MEASURED AT PROPER LOCATION:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE

SECTION F: LABORATORY

PERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS

S M U NA NEDETAILS: see page 1

1. EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(B) FOR SLUDGES) :	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
2. IF ALTERNATIVE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
3. SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
4. QUALITY CONTROL PROCEDURES ADEQUATE:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
5. DUPLICATE SAMPLES ARE ANALYZED \geq 10% OF THE TIME:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
6. SPIKED SAMPLES ARE ANALYZED \geq 10% OF THE TIME:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
7. COMMERCIAL LABORATORY USED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
a. LAB NAME: <u>McCelland Consulting Engineers</u>	
b. LAB ADDRESS: <u>West Markham, Little Rock, AR</u>	
c. PARAMETERS PERFORMED:	
8. BIOMONITORING PROCEDURES ADEQUATE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
a. PROPER ORGANISMS USED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
b. PROPER DILUTION SERIES FOLLOWED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
c. PROPER TEST METHODS AND DURATION:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
d. RETESTS AND/OR TRE PERFORMED AS REQUIRED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE

SECTION G: EFFLUENT/RECEIVING WATERS OBSERVATIONS

BASED ON VISUAL OBSERVATIONS ONLY S M U NA NE

DETAILS:

OUTFALL #:	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOATING SOLIDS	COLOR	OTHER
001	None	None	Moderate	None	None	green	

SECTION H: SLUDGE DISPOSAL

SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS S M U NA NE

DETAILS:

1. SLUDGE MANAGEMENT ADEQUATE TO MAINTAIN EFFLUENT QUALITY:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
2. SLUDGE RECORDS MAINTAINED AS REQUIRED BY 40 CFR 503:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
3. FOR LAND APPLIED SLUDGE, TYPE OF LAND APPLIED TO: (E.G., FOREST, AGRICULTURAL, PUBLIC CONTACT SITE):	

SECTION I: SAMPLING INSPECTION PROCEDURES

SAMPLE RESULTS WITHIN PERMIT REQUIREMENTS S M U NA NE

DETAILS:

1. SAMPLES OBTAINED THIS INSPECTION:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
2. TYPE OF SAMPLE: <input type="checkbox"/> GRAB:___ <input type="checkbox"/> COMPOSITE:___ METHOD:___ FREQUENCY:___	
3. SAMPLES PRESERVED:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
4. FLOW PROPORTIONED SAMPLES OBTAINED:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
5. SAMPLE OBTAINED FROM FACILITY'S SAMPLING DEVICE:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
6. SAMPLE REPRESENTATIVE OF VOLUME AND NATURE OF DISCHARGE:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
7. SAMPLE SPLIT WITH PERMITTEE:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
8. CHAIN-OF-CUSTODY PROCEDURES EMPLOYED:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
9. SAMPLES COLLECTED IN ACCORDANCE WITH PERMIT:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE

SECTION J: STORM WATER POLLUTION PREVENTION PLAN

STORM WATER MANAGEMENT MEETS PERMIT REQUIREMENTS S M U NA NE

DETAILS: see page 1

1. SWPPP UPDATED AS NEEDED:___ DATE OF LAST UPDATE:___	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
2. SITE MAP INCLUDING ALL DISCHARGES AND SURFACE WATERS:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
3. POLLUTION PREVENTION TEAM IDENTIFIED:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
4. POLLUTION PREVENTION TEAM PROPERLY TRAINED:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
5. LIST OF POTENTIAL POLLUTANT SOURCES:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
6. LIST OF POTENTIAL SOURCES AND PAST SPILLS AND LEAKS:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
7. ALL NON-STORM WATER DISCHARGES ARE AUTHORIZED:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
8. LIST OF STRUCTURAL BMPS:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
9. LIST OF NON-STRUCTURAL BMPS:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
10. BMPS PROPERLY OPERATED AND MAINTAINED:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
11. INSPECTIONS CONDUCTED AS REQUIRED:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE

FLOW CALCULATION SHEET

Date: **2/12/09** Time: **10:45**

Head in Inches: Feet: **0.3**

Type & Size of Primary Flow Measurement Device: 8' weir with end contractions

Name & Model of Secondary Flow Measurement Device: Chesseller 392

Date of last Calibration of Secondary Flow Device: 11-19-2008

Recorded Flow at Date & Time Listed Above: **2.98** (Facility Flow Meter)

Calculated Flow at Date & Time Listed Above: **2.808**
 (Flow is calculated using flow charts in: ISCO Open Channel Flow Measurement Handbook-5th Edition)

% Error =	Recorded Value	-	Calculated Value	X 100	
	Calculated Value				

% Error = **6.125** %

Comments: **Less than 10 % is acceptable**

ADEQ

ARKANSAS
Department of Environmental Quality

September 23, 2008

Truman Hamilton
Monticello Economic Development Commission
P.O. Box 1890
Monticello, AR 71657

NPDES PERMIT FILE
NPDES # AR0021831
AFIN # 22-00037
Permit PN
 Correspondence
 Technical Backup
9/21/08 mt Date Scanned

RE: NPDES Permit No. AR0021831, AFIN 22-00037


Dear Mr. Hamilton:

The Department has reviewed your correspondence dated September 16, 2008, requesting a variance to the above mentioned NPDES permit. The variance was requested because the City of Monticello wants to plant pine trees for commercial production on approximately 130 acres of land and allow the local university to establish a 6 acre biomass (i.e., trees) test plot. It is the Department's understanding that this land is mowed on a regular basis and is owned by the City of Monticello. It is also the Department's understanding that the pine trees will be planted around the sprinkler heads currently in place.

Your NPDES permit, AR0021831, already allows for the land application of the effluent from your wastewater treatment plant. Therefore, a variance is not needed at this time to plant the pine trees for commercial production or to plant the 6 acre biomass test plot.

If you have any questions, please feel free to contact Loretta Reiber, P.E. at (501) 682-0612.

Sincerely,


John Bailey, P.E.
Permits Branch Manager
Water Division

JB:lr

Water Division NPDES Photographic Evidence Sheet

Location: MONTICELLO, CITY OF-EAST PLANT

Photographer: John W. Lamb **Witness:** None

Photo # 1 **Of** 2 **Date:** 02/12/09 **Time:** 11:23

Description: Trough at bar screen has holes in it.



Photographer: John W. Lamb **Witness:** None

Photo # 2 **Of** 2 **Date:** 02/12/09 **Time:** 11:27

Description: Pine trees planted on land application site





A Proud Heritage, A Promising Future . . .

April 8, 2009

Ms. Cindy Garner, Technical Assistance Manager
Water Division Enforcement Branch
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, AR 72118-5317

RE: NPDES Permit No: AR0021831
East Plant- Compliance Inspection

Dear Ms. Garner:

The city of Monticello is in receipt of the letter from Mr. John W. Lamb, District 8 Field Inspector, concerning the routine compliance inspection that he performed on February 12, 2009 at the above mentioned facility. Seven violations were noted- please find the following responses to these violations.

#1- Solids trough at the bar screen had a hole in it that would allow screen solids back into the influent channel.

1. Description & Cause- Solids trough at bar screen had a hole in it, due to age the metal rotted.
2. Period of Noncompliance- The hole was there for 4-5 days.
3. Steps taken to Prevent Recurrence- The hole was repaired and this area will be monitored.

#2 to #6- Facility did not have the following reports: Lab Data and Chain of Custodies for August, September, and December 2008, Annual Soil Test Lab Data and Chain of Custodies for 2008, Quarterly Copper Lab Data and Chain of Custodies for 2008, Quarterly Irrigation Water Lab Data and Chain of Custodies for 2008, Quarterly Monitoring Well Lab Data and Chain of Custodies for 2008.

1. Description & Cause- No copies of Lab Data or Chain of Custodies, due to the fact that we never received them from McClelland Labs.
2. Period of Noncompliance- As you can see from the date stamped on the reports we received them after the compliance inspection in 2009. We did not receive them in 2008.
3. Steps taken to Prevent Recurrence- This was an issue with the Lab last year as well. The first of the year we received the reports on a timely basis. The Lab stated that they were sending the reports with their employee who picked up the samples in Monticello. He did not deliver the reports. That employee was terminated by the Lab. We are now receiving the reports on a monthly basis.

#7- Facility did not have a Storm Water Pollution Prevention Plan (SWPPP).

1. Description & Cause- Facility did not have a Storm Water Pollution Prevention Plan, due to the fact that someone dropped the ball last year when this finding was noted.
2. Period of Noncompliance- Almost (1) year, since the compliance inspection done on February 26, 2008.
3. Steps taken to Prevent Recurrence- the city contacted McClelland Engineers once again, and they stated that they were of the understanding that since the area had been cleaned up a SWPPP was not needed. We have since found out that that was not exactly correct. We are in the process of applying for a "No Exposure Certification" for the East Plant.

I apologize for the delay in getting this answer to you. I hope this letter adequately addresses the concerns of ADEQ. Copies of the missing reports and chain of custodies are enclosed. If more information is needed, or you have additional questions, please feel free to contact me. The city of Monticello tries to comply with all requirements of ADEQ.

Thank you for your consideration of this matter.

Sincerely,



Joe Rogers, Mayor
City of Monticello

CHAIN OF CUSTODY

Company Name: Monticello East Pond

Contact: _____

Address: City of Monticello

Telephone: (501) 367-4400

P. O. Box 505

Monticello, Ar 71655

Date/Time Composite Taken: 8/12/08 600 700 100 Sampler: Chli

Date/Time Grab Taken: 8/12/08 600 700 800 Sampler: Chli

Number of Containers: 2

Sample ID/Location: effluent

pH 7.87 Temp 25.2 DO 1.25

Flow _____

Container	Plastic/Glass	Type of sample	Preservation	Parameters
1	P	3hr composite	4°C	BOD, TSS
2	Thio	grab	4°C Na ₂ S ₂ O ₃	FC
3				
4				
5				

Relinquished By: [Signature] Date/Time: 8/12/08 8:00

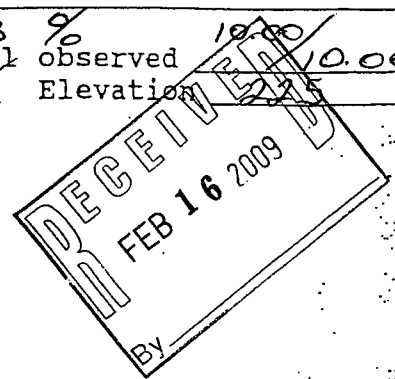
Received By: EB Date/Time: _____

Relinquished By: EB Date/Time: 8-12-08 14:30

Received By: _____ Date/Time: _____

Comments: _____

pH calibration: actual/observed 7.00 / 7.00 actual/observed 533 / 1000 %
 Dissolved Oxygen calibration: Zero Full Scale Elevation 10.00



CHAIN OF CUSTODY

Company Name: Monticello East Pond

Contact: _____

Address: City of Monticello

Telephone: (501) 367-4400

P. O. Box 505

Monticello, Ar 71655

Date/Time Composite Taken: 2/13/08 600 200 800 Sampler: Ch...

Date/Time Grab Taken: _____ Sampler: _____

Number of Containers: 2

Sample ID/Location: effluent

pH 7.65 Temp 24.9 DO 1.67

Flow _____

Container	Plastic/Glass	Type of sample	Preservation	Parameters
1	P	3hr composite	4°C	BOD, TSS
2	Thio	grab	4°C Na ₂ S ₂ O ₃	FC
3				
4				
5				

Relinquished By: [Signature] Date/Time: 2/13/08 8:00

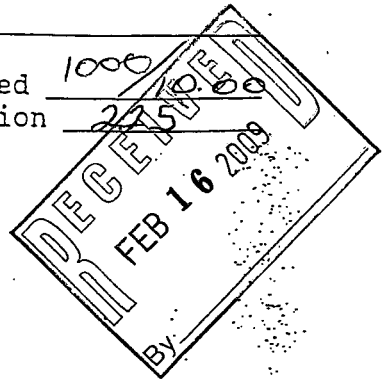
Received By: EB Date/Time: _____

Relinquished By: EB Date/Time: 2-13-08 12:15

Received By: _____ Date/Time: _____

Comments: _____

pH calibration: actual/observed 7.00 / 7.00 actual observed 53.3 / 1000 %
 Dissolved Oxygen calibration: Zero Full Scale Elevation 277.50



CHAIN OF CUSTODY

Company Name: Monticello East Pond

Contact: _____

Address: City of Monticello

Telephone: (501) 367-4400

P. O. Box 505

Monticello, Ar 71655

Date/Time Composite Taken: 600 700 800 8/14/08 Sampler: [Signature]

Date/Time Grab Taken: _____ Sampler: _____

Number of Containers: 2

Sample ID/Location: effluent

pH 7.84 Temp 26.5 DO 2.55

Flow _____

Container	Plastic/Glass	Type of sample	Preservation	Parameters
1	P	3hr composite	4°C	BOD, TSS
2	Thio	grab	4°C Na ₂ S ₂ O ₃	FC
3				
4				
5				

Relinquished By: [Signature] Date/Time: 8/14/08 759

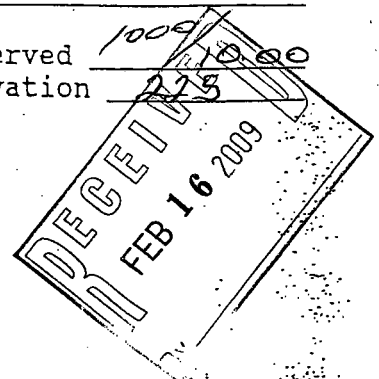
Received By: EB Date/Time: _____

Relinquished By: EB Date/Time: 8-14-08 14:30

Received By: _____ Date/Time: _____

Comments: _____

pH calibration: actual/observed 7.00/7.00 actual 533 observed 90
Dissolved Oxygen calibration: Zero Full Scale Elevation 1000



CHAIN OF CUSTODY

Company Name: Monticello East Pond

Contact: _____

Address: City of Monticello

Telephone: (501) 367-4400

P. O. Box 505

Monticello, Ar 71655

Date/Time Composite Taken: 9/2/08 6:00-7:00 & 8:00 Sampler: Ch...

Date/Time Grab Taken: _____ Sampler: _____

Number of Containers: 2

Sample ID/Location: effluent

pH 8.84 Temp 22.0 DO 2.04

Flow _____

Container	Plastic/Glass	Type of sample	Preservation	Parameters
1	P	3hr composite	4°C	BOD, TSS
2	Thio	grab	4°C Na ₂ S ₂ O ₃	FC
3				
4				
5				

Relinquished By: Ch... Date/Time: 9/2/08 8:30

Received By: EB Date/Time: _____

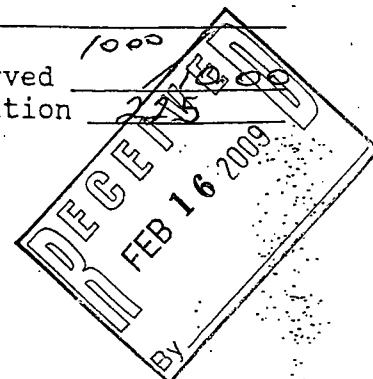
Relinquished By: EB Date/Time: 9-2-08 13:30

Received By: _____ Date/Time: _____

Comments: _____

pH calibration: actual/observed 7.00 / 7.00 actual/observed 52.8 / 9
 Dissolved Oxygen calibration: Zero ✓ Full Scale ✓ Elevation 1000

MCE McCLELLAND
 Consulting
 Engineers, Inc.



CHAIN OF CUSTODY

Company Name: Monticello East Pond

Contact: _____

Address: City of Monticello

Telephone: (501) 367-4400

P. O. Box 505

Monticello, Ar 71655

Date/Time Composite Taken: _____ Sampler: _____

Date/Time Grab Taken: 12/10/08 Sampler: CH

Number of Containers: 2

Sample ID/Location: effluent

pH 7.33 Temp 11.4 DO 3.32

Flow _____

Container	Plastic/Glass	Type of sample	Preservation	Parameters
1	P	3hr composite	4°C	BOD, TSS
2	Thio	grab	4°C Na ₂ S ₂ O ₃	FC
3				
4				
5				

Relinquished By: Chad Hunt Date/Time: 12/10/08 8:00 am

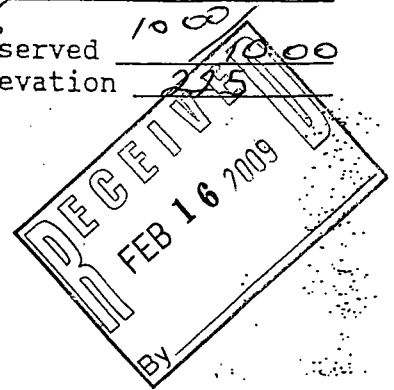
Received By: tb Date/Time: _____

Relinquished By: tb Date/Time: 12-10-08 13:45

Received By: _____ Date/Time: _____

Comments: _____

pH calibration: actual/observed 7.00/7.00 actual/observed 53.9%/100%
 Dissolved Oxygen calibration: Zero Full Scale Elevation 225



CHAIN OF CUSTODY

Company Name: Monticello East Pond

Contact: _____

Address: City of Monticello

Telephone: (501) 367-4400

P. O. Box 505

Monticello, Ar 71655

Date/Time Composite Taken: _____ Sampler: _____

Date/Time Grab Taken: 12/11/08 730 Sampler: CN

Number of Containers: 2

Sample ID/Location: effluent

pH 7.30 Temp 8.5°C DO 4.08

Flow _____

Container	Plastic/Glass	Type of sample	Preservation	Parameters
1	P	3hr composite	4°C	BOD, TSS
2	Thio	grab	4°C Na ₂ S ₂ O ₃	FC
3				
4				
5				

Relinquished By: [Signature] Date/Time: 12/11/08 8:30

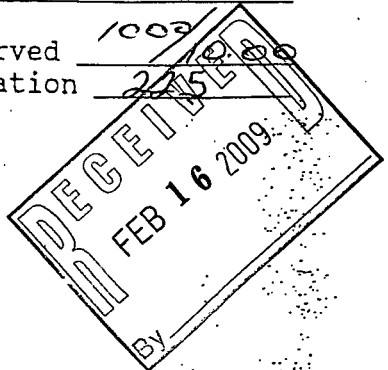
Received By: EB Date/Time: _____

Relinquished By: EB Date/Time: 12-11-08 14:00

Received By: _____ Date/Time: _____

Comments: _____

pH calibration: actual/observed 7.00 / 7.00 actual/observed 539 / 90
 Dissolved Oxygen calibration: Zero Full Scale Elevation 215.0



CHAIN OF CUSTODY

Company Name: Mont E. Infil

Contact: _____

Address: _____

Telephone: _____

Date/Time Composite Taken: _____ Sampler: _____

Date/Time Grab Taken: 12-31-08 8:46 Sampler: EB

Number of Containers: _____

Sample ID/Location: _____

pH 5.13 8:46 DO _____

Flow _____

Container	Plastic/Glass	Type of sample	Preservation	Parameters
1	Plastic		4°C	TDS, BOD, TSS, Cl ⁻ , ALE
2	Plastic		4°C, NaOH	CN ⁻
3	WP		4°C, H ₂ SO ₄	NH ₃ , PO ₄ , TKN, Phenol
4	WP		4°C, HNO ₃	Metals
5	Glass		4°C, H ₂ SO ₄	O ₂ , G

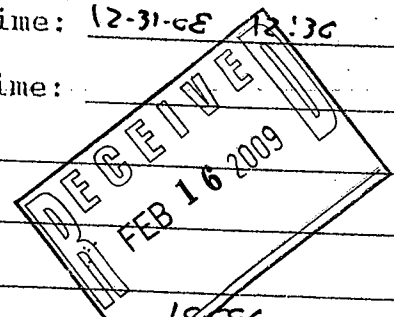
Relinquished By: _____ Date/Time: _____

Received By: _____ Date/Time: _____

Relinquished By: EB Date/Time: 12-31-08 12:30

Received By: _____ Date/Time: _____

Comments: _____



pH calibration: actual/observed 7.00/7.00 actual 97.3 observed 10.00
 Dissolved Oxygen calibration: Zero _____ Full Scale _____ Elevation 10.03

CHAIN OF CUSTODY

Company Name: Monticello East Pond

Contact: _____

Address: City of Monticello

Telephone: (501) 367-4400

P. O. Box 505

Monticello, Ar 71655

Date/Time Composite Taken: 600 700 800 12/30/08 Sampler: CA

Date/Time Grab Taken: _____ Sampler: _____

Number of Containers: 2

Sample ID/Location: effluent

pH 7.23 Temp 10.1 °C DO 3.01

Flow _____

Container	Plastic/Glass	Type of sample	Preservation	Parameters
1	P	3hr composite	4°C	BOD, TSS
2	Thio	grab	4°C Na ₂ S ₂ O ₃	FC
3				
4				
5				

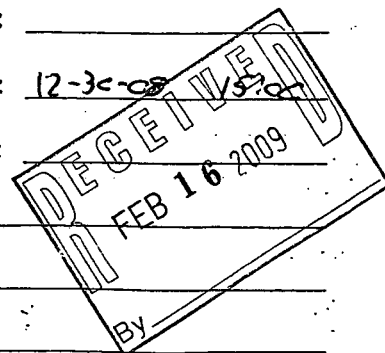
Relinquished By: [Signature] Date/Time: 12/30/08 9:00

Received By: EB Date/Time: _____

Relinquished By: EB Date/Time: 12-30-08 15:00

Received By: _____ Date/Time: _____

Comments: _____



pH calibration: actual/observed 7.00 / 7.00 53.9 %
 Dissolved Oxygen calibration: Zero Full Scale Elevation 225

CHAIN OF CUSTODY

Company Name: Monticello East Pond

Contact: _____

Address: City of Monticello

Telephone: (501) 367-4400

P. O. Box 505

Monticello, Ar 71655

Date/Time Composite Taken: 12/31/07 600 700 800 Sampler: CR

Date/Time Grab Taken: _____ Sampler: _____

Number of Containers: 2

Sample ID/Location: effluent

pH 7.45 Temp 8.4 DO 4.04

Flow _____

Container	Plastic/Glass	Type of sample	Preservation	Parameters
1	P	3 hr composite	4°C	BOD, TSS
2	Thio	grab	4°C Na ₂ S ₂ O ₃	FC
3				
4				
5				

Relinquished By: [Signature] Date/Time: 12/31/07 8:45

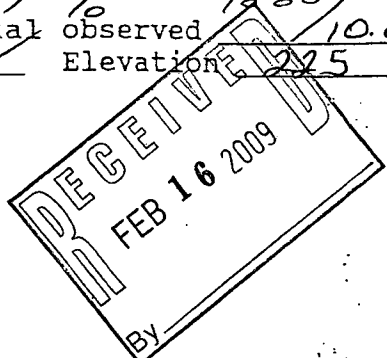
Received By: CB Date/Time: _____

Relinquished By: CB Date/Time: 12-31-08 12:36

Received By: _____ Date/Time: _____

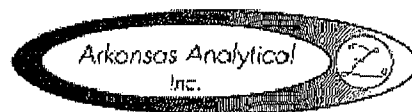
Comments: _____

pH calibration: actual/observed 7.00 / 7.00 actual/observed 53.9 / 90
 Dissolved Oxygen calibration: Zero ✓ Full Scale ✓ Elevation 10.00
225



25 March 2009

Amber Bussell
McClelland Consulting Engineers, Inc.
P.O. Box 34087
Little Rock, AR 72201-4087
Project: Monticello Soil Samples

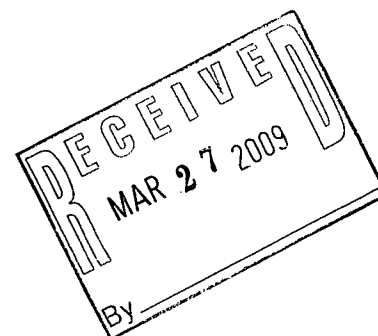


Date Received: 28-Apr-08 14:54

ANALYTICAL RESULTS

Lab Number: 0804347-01
Sample Name: Monticello A
Date/Time Collected: 4/17/08 0:00
Sample Matrix: Solid

<u>Total Metals</u>		<u>Units</u>	<u>Result</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Arsenic	mg/kg dry	< 3.34	5/6/08 12:57	A805049	6010B	
Cadmium	mg/kg dry	< 0.272	5/6/08 13:00	A805049	6010B	
Chromium	mg/kg dry	1.47	5/6/08 12:59	A805049	6010B	
Copper	mg/kg dry	0.744	5/6/08 12:58	A805049	6010B	
Lead	mg/kg dry	4.20	5/6/08 13:00	A805049	6010B	
Magnesium	mg/kg dry	73.6	5/6/08 12:59	A805049	6010B	
Mercury	mg/kg dry	< 0.334	5/6/08 14:05	A805062	7471B	
Molybdenum	mg/kg dry	1.38	5/6/08 12:58	A805049	6010B	
Nickel	mg/kg dry	< 0.54	5/6/08 12:59	A805049	6010B	
Phosphorus	mg/kg dry	43.2	5/6/08 13:00	A805049	6010B	
Potassium	mg/kg dry	72.1	5/6/08 13:01	A805049	6010B	
Selenium	mg/kg dry	< 3.34	5/6/08 12:58	A805049	6010B	
Zinc	mg/kg dry	3.84	5/6/08 12:59	A805049	6010B	
<u>Wet Chemistry</u>		<u>Units</u>	<u>Result</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
% Volatile Solids	% by WT	1.6 *E2	5/2/08 9:05	A805017	160.4	
Ammonia as N	mg/kg dry	< 30.0	5/1/08 10:50	A805009	4500-NH3D	
pH	S.U.	6.14 *E2	5/1/08 16:05	A805014	9045D	
TKN	mg/kg dry	209	5/1/08 10:54	A805011	4500-Norg C	
Total Solids	% by WT	79.9 *E2	4/29/08 16:30	A805016	2540 G	



25 March 2009

Amber Bussell
McClelland Consulting Engineers, Inc.
P.O. Box 34087
Little Rock, AR 72201-4087
Project: Monticello Soil Samples



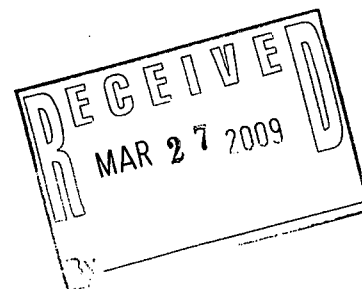
Date Received: 28-Apr-08 14:54

ANALYTICAL RESULTS

Lab Number: 0804347-02
Sample Name: Monticello B
Date/Time Collected: 4/17/08 0:00
Sample Matrix: Solid

<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Arsenic	mg/kg dry	< 3.01	5/6/08 13:14	A805049	6010B
Cadmium	mg/kg dry	0.277	5/6/08 13:17	A805049	6010B
Chromium	mg/kg dry	2.16	5/6/08 13:15	A805049	6010B
Copper	mg/kg dry	0.681	5/6/08 13:15	A805049	6010B
Lead	mg/kg dry	3.92	5/6/08 13:17	A805049	6010B
Magnesium	mg/kg dry	119	5/6/08 13:16	A805049	6010B
Mercury	mg/kg dry	< 0.301	5/6/08 14:05	A805062	7471B
Molybdenum	mg/kg dry	2.30	5/6/08 13:14	A805049	6010B
Nickel	mg/kg dry	0.63	5/6/08 13:15	A805049	6010B
Phosphorus	mg/kg dry	67.6	5/6/08 13:16	A805049	6010B
Potassium	mg/kg dry	143	5/6/08 13:17	A805049	6010B
Selenium	mg/kg dry	< 3.01	5/6/08 13:14	A805049	6010B
Zinc	mg/kg dry	3.93	5/6/08 13:16	A805049	6010B

<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
% Volatile Solids	% by WT	2.5 *E2	5/2/08 9:05	A805017	160.4
Ammonia as N	mg/kg dry	< 28.0	5/1/08 10:50	A805009	4500-NH3D
pH	S.U.	4.67 *E2	5/1/08 16:05	A805014	9045D
TKN	mg/kg dry	317	5/1/08 10:54	A805011	4500-Norg C
Total Solids	% by WT	84.0 *E2	4/29/08 16:30	A805016	2540 G



25 March 2009

Amber Bussell
McClelland Consulting Engineers, Inc.
P.O. Box 34087
Little Rock, AR 72201-4087
Project: Monticello Soil Samples



Date Received: 28-Apr-08 14:54

QUALITY CONTROL RESULTS

Wet Chemistry -- Batch: A805009 (Soil)

Prepared: 01-May-08 10:50 By: SB -- Analyzed: 01-May-08 10:50 By: SB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Ammonia as N	<50.0 mg/kg wet	110% / NA	85.8% / 92.1%		7.01%	D

Wet Chemistry -- Batch: A805011 (Soil)

Prepared: 01-May-08 10:54 By: SB -- Analyzed: 01-May-08 10:54 By: SB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
TKN	<50.0 mg/kg wet	87.3% / NA	83.5% / 86.2%		2.86%	

Wet Chemistry -- Batch: A805014 (Soil)

Prepared: 01-May-08 16:05 By: AT -- Analyzed: 01-May-08 16:05 By: AT

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
pH	NA	100% / 100%	NA / NA		0.143%	

Wet Chemistry -- Batch: A805016 (Soil)

Prepared: 02-May-08 08:51 By: AP -- Analyzed: 02-May-08 08:51 By: AP

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Total Solids	NA	NA / NA	NA / NA	83.8 % by WT	0.238%	

Wet Chemistry -- Batch: A805017 (Soil)

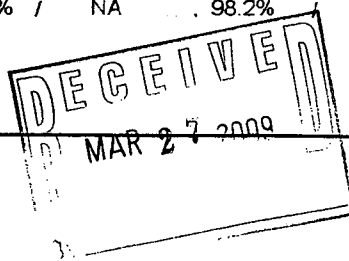
Prepared: 29-Apr-08 16:30 By: AP -- Analyzed: 02-May-08 09:05 By: AP

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
% Volatile Solids	NA	NA / NA	NA / NA	6.92%	6.92%	

Total Metals -- Batch: A805049 (Soil)

Prepared: 05-May-08 08:30 By: TT -- Analyzed: 06-May-08 13:08 By: ZZZ

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Arsenic	<2.50 mg/kg wet	114% / NA	118% / 122%		2.53%	
Cadmium	<0.250 mg/kg wet	86.6% / NA	103% / 102%		0.454%	
Chromium	<1.00 mg/kg wet	89.9% / NA	91.1% / 91.9%		0.803%	
Copper	<0.250 mg/kg wet	95.5% / NA	94.0% / 88.0%		6.61%	
Lead	<0.750 mg/kg wet	93.6% / NA	95.8% / 96.1%		0.325%	
Magnesium	<5.00 mg/kg wet	90.2% / NA	92.1% / 92.9%		0.859%	
Molybdenum	<0.500 mg/kg wet	85.7% / NA	96.6% / 98.7%		2.20%	
Nickel	<0.50 mg/kg wet	92.6% / NA	92.0% / 93.7%		1.93%	
Phosphorus	<1.00 mg/kg wet	86.2% / NA	97.4% / 101%		3.35%	
Potassium	<5.00 mg/kg wet	92.3% / NA	97.7% / 95.1%		2.66%	
Selenium	<2.50 mg/kg wet	90.2% / NA	97.9% / 98.2%		0.258%	
Zinc	<0.250 mg/kg wet	91.3% / NA	98.2% / 96.6%		1.65%	



25 March 2009

Amber Bussell
McClelland Consulting Engineers, Inc.
P.O. Box 34087
Little Rock, AR 72201-4087
Project: Monticello Soil Samples



Date Received: 28-Apr-08 14:54

QUALITY CONTROL RESULTS

Total Metals – Batch: A805062 (Soil)

Prepared: 06-May-08 09:00 By: TT – Analyzed: 06-May-08 14:05 By: TT

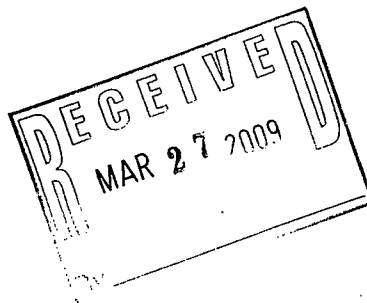
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Mercury	<0.250 mg/kg wet	90.0% / NA	110% / 90.4%		19.6%	

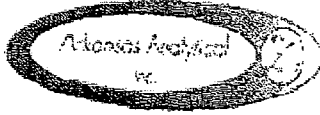
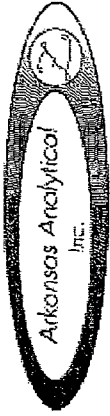
QUALIFIER(S)

- *D: RPD Value Does Not Meet Laboratory Acceptance Criteria
- *E2: Estimated Result; Analyzed Outside of Holding Time

All Analysis performed according to EPA approved methodology when available:
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods, 20th Edition.
Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by: _____
Norma James
President





11701 Interstate 30, Bldg. 7, Ste. 115
 Little Rock, AR 72209
 PHONE: 501-455-3233
 FAX: 501-455-6118

CHAIN OF CUSTODY RECORD

Monticello Soil

CLIENT INFORMATION		BALING	Project Description		Surround Time	Preservation Codes:						
McClelland Consulting Engineers	McClelland Consulting Engineers		—Fordyce—		24 Hrs	1. Cool, Airtight Containers	4. Thawed in Refrigerator					
1311 W 2nd St	P.O. Box 34087		Reporting Information		48 Hrs	2. Airtight Acid Washed pH < 1	5. Hydrocarbon Storage					
Little Rock, AR 72201	Little Rock, AR 72201-4087		Telephone: 501-378-7888		72 Hrs	3. Nitric Acid (EMUL) pH < 1	6. Sodium Hydroxide (NaOH) pH > 12					
Attn: Kim Gorman			FAX: 501-378-4877		Spore (3 Day)	TEST PARAMETERS						
			SILV P.O. #		Preservation Code	1	2					
					Auto Log	P	2					
Sampler(s) Signature		Sampler(s) Printed				Arkansas Analytical Work Order Number						
Field Number	SAMPLE COLLECTION		Site	Cont	Number of Bales	Sample Matrix	SAMPLE IDENTIFICATION/DESCRIPTION		Value	Unit	Method	Lab
	4-17-08		X		1	Soil	Fordyce Field #1	Monticello A	X	X		
	4-17-08		X		1	Soil	Fordyce Field #2	Monticello B	X	X		84347-01-01
1. Submitted by: (Signature)		Date/Time	2. Received by: (Signature)		SAMPLE CONDITION UPON RECEIPT BY LAB			REMARKS / SAMPLE COMMENTS				
					1. CONTAINER SEALS: Yes No			Change project + sample id per Amber Bussell.				
					2. CONTAINERS CORRECT: Yes No			325-09-⑤				
					3. CO-LABELS AS REQ: Yes No							
					4. PRESERVATION CONFIRMED: Yes No							
					5. RECEIVED ON ICE: Yes No							
					6. TEMPERATURE ON RECEIPT: 5°C							
3. Released by: (Signature)		Date/Time	4. Received by: (Signature)		FOR COMPLETION BY LAB ONLY							
Amber Bussell		4-28-08 14:56	Kim Gorman									

FILE
 MAR 27 2009

25 March 2009
 Amber Bussell
 McClelland Consulting Engineers, Inc.
 P.O. Box 34087
 Little Rock, AR 72201-4087
 Project: Monticello Soil Samples

Date Received: 28-Apr-08 14:54

CHAIN OF CUSTODY FORM(S)



11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209
501-455-3233 Fax 501-455-6118

25 March 2009

Amber Bussell
McClelland Consulting Engineers, Inc.
P.O. Box 34087
Little Rock, AR 72201-4087

RE: Monticello Soil Samples
SDG Number: 0804347

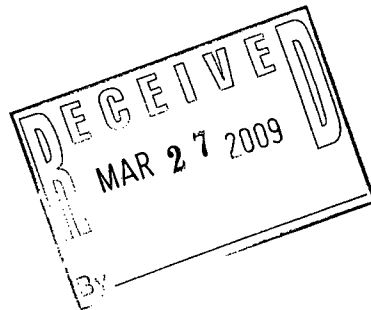
Enclosed are the results of analyses for samples received by the laboratory on 28-Apr-08 14:54. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Norma James".

Norma James
President

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11 April 2008

Amber Bussell
McClelland Consulting Engineers, Inc.
P.O. Box 34087
Little Rock, AR 72201-4087
Project: Monticello



Date Received: 03-Apr-08 10:08

QUALITY CONTROL RESULTS

Total Metals

Batch: A804087 (Water); Prepared: 07-Apr-08 11:00

	<u>Blank</u>	<u>LCS</u>	<u>MS</u>	<u>MSD/RPD</u>
Arsenic	< 0.050 mg/L	98.4 %	96.3 %	97.5 % / 1.22
Cadmium	< 0.001 mg/L	95.3 %	95.6 %	95.0 % / 0.565
Chromium	< 0.010 mg/L	87.4 %	86.7 %	87.0 % / 0.403
Copper	< 0.005 mg/L	95.3 %	91.5 %	88.6 % / 3.25
Lead	< 0.015 mg/L	91.9 %	92.8 %	93.5 % / 0.752
Nickel	< 0.010 mg/L	95.1 %	85.1 %	85.9 % / 0.942
Silver	< 0.020 mg/L	90.9 %	102 %	90.7 % / 11.6
Zinc	< 0.005 mg/L	97.8 %	94.3 %	94.5 % / 0.229

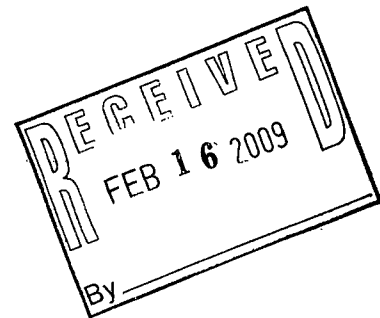
Total Metals

Batch: A804126 (Water); Prepared: 09-Apr-08 10:35

	<u>Blank</u>	<u>LCS</u>	<u>MS</u>	<u>MSD/RPD</u>
Mercury	< 0.0002 mg/L	96.4 %	99.1 %	93.9 % / 5.38

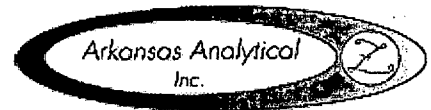
All Analysis performed according to EPA approved methodology when available:
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods, 20th Edition.
Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by: _____
Norma James
President



11 April 2008

Amber Bussell
McClelland Consulting Engineers, Inc.
P.O. Box 34087
Little Rock, AR 72201-4087
Project: Monticello



Date Received: 03-Apr-08 10:08

ANALYTICAL RESULTS

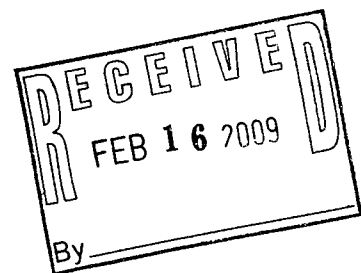
Lab Number: 0804039-01
Sample Name: Monticello East Influent
Date/Time Collected: 3/31/08 0:00
Sample Matrix: Water

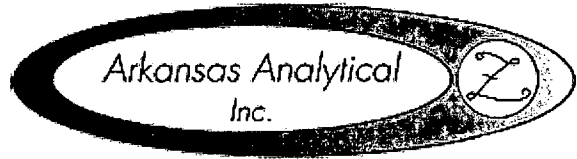
Total Metals	Units	Result	Date/Time Analyzed	Batch	Method
Arsenic	mg/L	< 0.050	4/7/08 20:36	A804087	200.7
Cadmium	mg/L	< 0.005	4/7/08 20:39	A804087	200.7
Chromium	mg/L	< 0.020	4/7/08 20:38	A804087	200.7
Copper	mg/L	0.164	4/7/08 20:37	A804087	200.7
Lead	mg/L	< 0.015	4/7/08 20:39	A804087	200.7
Mercury	mg/L	< 0.0002	4/9/08 15:52	A804126	245.1/7470A
Nickel	mg/L	< 0.010	4/7/08 20:38	A804087	200.7
Silver	mg/L	< 0.020	4/7/08 20:37	A804087	200.7
Zinc	mg/L	0.032	4/7/08 20:38	A804087	200.7

ANALYTICAL RESULTS

Lab Number: 0804039-02
Sample Name: Monticello East Effluent
Date/Time Collected: 3/31/08 0:00
Sample Matrix: Water

Total Metals	Units	Result	Date/Time Analyzed	Batch	Method
Arsenic	mg/L	< 0.050	4/7/08 20:41	A804087	200.7
Cadmium	mg/L	< 0.005	4/7/08 20:43	A804087	200.7
Chromium	mg/L	< 0.020	4/7/08 20:43	A804087	200.7
Copper	mg/L	0.006	4/7/08 20:41	A804087	200.7
Lead	mg/L	< 0.015	4/7/08 20:43	A804087	200.7
Mercury	mg/L	< 0.0002	4/9/08 15:52	A804126	245.1/7470A
Nickel	mg/L	< 0.010	4/7/08 20:42	A804087	200.7
Silver	mg/L	< 0.020	4/7/08 20:42	A804087	200.7
Zinc	mg/L	0.035	4/7/08 20:43	A804087	200.7





11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209
501-455-3233 Fax 501-455-6118

11 April 2008

Amber Bussell
McClelland Consulting Engineers, Inc.
P.O. Box 34087
Little Rock, AR 72201-4087

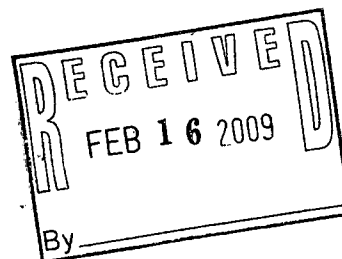
RE: Monticello
SDG Number: 0804039

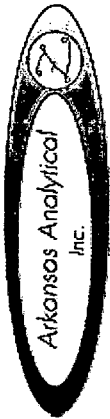
Enclosed are the results of analyses for samples received by the laboratory on 03-Apr-08 10:08. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Norma James".

Norma James
President

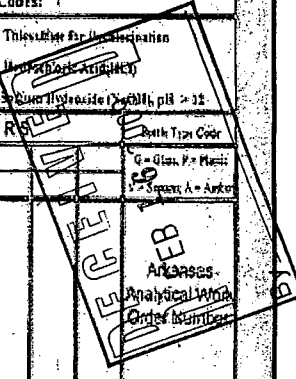




11701 Interstate 30, Bldg. 1, Ste. 115
 Little Rock, AR 72209
 PHONE: 501-455-3233
 FAX: 501-455-6118

CHAIN OF CUSTODY RECORD

CLIENT INFORMATION		BILLING		Project Description		Turnaround Time	Preservation Codes:		
McClelland Consulting Engineers 1311 W 2nd St. Little Rock, AR 72209		McClelland Consulting Engineers P.O. Box 34087 Little Rock, AR 72203-4087		Monticello Reporting Information Telephone: 501-376-7808 FAX: 501-376-4677 Bill to P.O. #:		24 Hour 48 Hour 72 Hour Routine (5 Day)	1. Cool, 4 Degrees Centigrade 2. Sulfuric Acid (H ₂ SO ₄), pH < 2 3. Nitric Acid (HNO ₃), pH < 2	4. Thiouether for Identification 5. Heavy Metals Analysis 6. 30 Percent Hydroxide (XyOHL), pH > 12	
Attn: Kim Carman						Preservative Codes: 1, 3	TEST PARAMETERS		
Sampler(s) Signature:		Sampler(s) Printed:				Batch Type Code	G - Glass, P - Plastic S - Sealed, A - Airtight		
Field Number	SAMPLE COLLECTION		Grab	Conto	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION / DESCRIPTION		
	Date/s	Time/s							
	3/31/08			✓	1	W	Monticello East Influent	X	
	3/31/08			✓	1	W	Monticello East Effluent	X	
	3/31/08			✓	1	W	Monticello West Influent	X	
	3/31/08			✓	1	W	Monticello West Effluent	X	
1. Released by: (Signature)		Date/Time		2. Received by: (Signature)		SAMPLE CONDITION UPON RECEIPT IN LAB		REMARKS / SAMPLE COMMENTS	
<i>Amber Bussell</i>		4/3/08 10:08		<i>Sydney James</i>		1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes ___ No 2. CONTAINERS CORRECT: ___ Yes ___ No 3. DO LABELS AGREE: ___ Yes ___ No 4. PRESERVATION CONFIRMED: ___ Yes ___ No 5. RECEIVED ON ICE: ___ Yes ___ No 6. TEMPERATURE ON RECEIPT: _____			
3. Released by: (Signature)		Date/Time		4. Received by: (Signature)		FOR COMPLETION BY LAB ONLY			



11 April 2008

Amber Bussell
 McClelland Consulting Engineers, Inc.
 P.O. Box 34087
 Little Rock, AR 72201-4087
 Project: Monticello

Date Received: 03-Apr-08 10:08

CHAIN OF CUSTODY FORM(S)

10 July 2008

Amber Bussell
McClelland Consulting Engineers, Inc.
P.O. Box 34087
Little Rock, AR 72201-4087
Project: Monticello



Date Received: 02-Jul-08 12:15

ANALYTICAL RESULTS

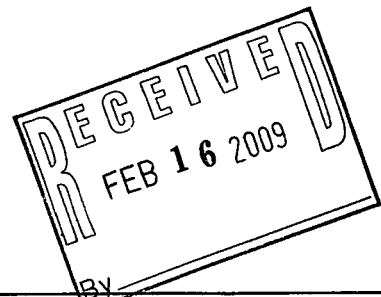
Lab Number: 0807043-01
Sample Name: Monticello East Influent
Date/Time Collected: 6/26/08 8:00
Sample Matrix: Water

<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Arsenic	mg/L	< 0.050	7/8/08 14:42	A807064	200.7
Cadmium	mg/L	< 0.005	7/8/08 14:44	A807064	200.7
Chromium	mg/L	< 0.020	7/8/08 14:43	A807064	200.7
Copper	mg/L	0.385	7/8/08 14:42	A807064	200.7
Lead	mg/L	0.027	7/8/08 14:44	A807064	200.7
Mercury	mg/L	0.0002	7/8/08 14:45	A807092	245.1/7470A
Nickel	mg/L	< 0.010	7/8/08 14:43	A807064	200.7
Silver	mg/L	< 0.020	7/8/08 14:42	A807064	200.7
Zinc	mg/L	0.162	7/8/08 14:44	A807064	200.7
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	0.063	7/9/08 14:46	A807105	4500-CN E/9014
TKN	mg/L	13.3	7/8/08 15:01	A807063	4500-Norg C

ANALYTICAL RESULTS

Lab Number: 0807043-02
Sample Name: Monticello East Effluent
Date/Time Collected: 6/25/08 9:30
Sample Matrix: Water

<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Arsenic	mg/L	< 0.050	7/8/08 14:46	A807064	200.7
Cadmium	mg/L	< 0.005	7/8/08 14:49	A807064	200.7
Chromium	mg/L	< 0.020	7/8/08 14:48	A807064	200.7
Copper	mg/L	0.043	7/8/08 14:47	A807064	200.7
Lead	mg/L	< 0.015	7/8/08 14:49	A807064	200.7
Mercury	mg/L	< 0.0002	7/8/08 14:45	A807092	245.1/7470A
Nickel	mg/L	< 0.010	7/8/08 14:48	A807064	200.7
Silver	mg/L	< 0.020	7/8/08 14:47	A807064	200.7
Zinc	mg/L	0.052	7/8/08 14:48	A807064	200.7
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.020	7/9/08 14:46	A807105	4500-CN E/9014
TKN	mg/L	4.52	7/8/08 15:01	A807063	4500-Norg C



10 July 2008

Amber Bussell
McClelland Consulting Engineers, Inc.
P.O. Box 34087
Little Rock, AR 72201-4087
Project: Monticello



Date Received: 02-Jul-08 12:15

QUALITY CONTROL RESULTS

Wet Chemistry

Batch: A807063 (Water); Prepared: 07-Jul-08 09:40

	<u>Blank</u>	<u>LCS</u>	<u>MS</u>	<u>MSD/RPD</u>
TKN	< 0.50 mg/L	102 %	* MBA-	* MBA-

Total Metals

Batch: A807064 (Water); Prepared: 07-Jul-08 09:30

	<u>Blank</u>	<u>LCS</u>	<u>MS</u>	<u>MSD/RPD</u>
Arsenic	< 0.050 mg/L	106 %	97.0 %	98.7 % / 1.77
Cadmium	< 0.005 mg/L	92.9 %	96.3 %	96.7 % / 0.382
Chromium	< 0.020 mg/L	87.2 %	89.1 %	86.4 % / 3.09
Copper	< 0.005 mg/L	113 %	108 %	108 % / 0.0918
Lead	< 0.015 mg/L	92.5 %	93.0 %	95.2 % / 2.30
Nickel	< 0.010 mg/L	90.6 %	97.3 %	91.6 % / 6.03
Silver	< 0.020 mg/L	94.3 %	93.2 %	96.3 % / 3.25
Zinc	< 0.005 mg/L	97.8 %	97.1 %	98.6 % / 1.42

Total Metals

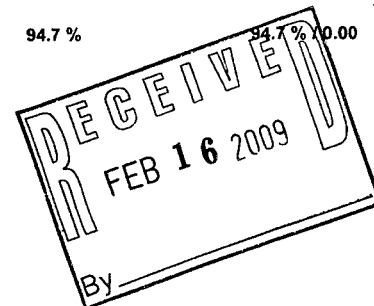
Batch: A807092 (Water); Prepared: 08-Jul-08 10:22

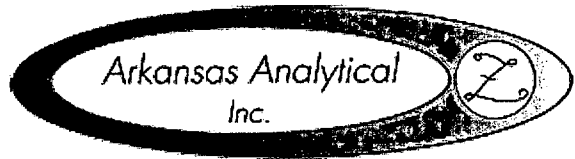
	<u>Blank</u>	<u>LCS</u>	<u>MS</u>	<u>MSD/RPD</u>
Mercury	< 0.0002 mg/L	91.2 %	109 %	112 % / 2.71

Wet Chemistry

Batch: A807105 (Water); Prepared: 09-Jul-08 09:00

	<u>Blank</u>	<u>LCS</u>	<u>MS</u>	<u>MSD/RPD</u>
Cyanide (total)	< 0.020 mg/L	95.0 %	94.7 %	94.7 % / 0.00





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501-455-3233 Fax 501-455-6118

10 July 2008

Amber Bussell
McClelland Consulting Engineers, Inc.
P.O. Box 34087
Little Rock, AR 72201-4087

RE: Monticello
SDG Number: 0807043

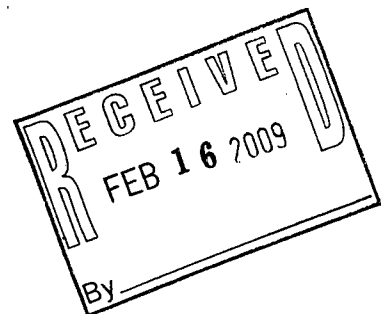
Enclosed are the results of analyses for samples received by the laboratory on 02-Jul-08 12:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Norma James". The signature is written in black ink and is positioned above a horizontal line.

Norma James
President

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10 July 2008

Amber Bussell
McClelland Consulting Engineers, Inc.
P.O. Box 34087
Little Rock, AR 72201-4087
Project: Monticello



Date Received: 02-Jul-08 12:15

QUALIFIER(S)

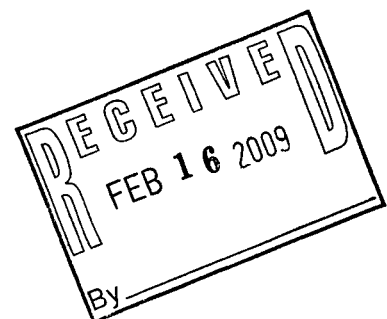
*MBA: MBA means "Masked by Analyte"
*MBA: MBA

All Analysis performed according to EPA approved methodology when available:
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods, 20th Edition.
Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

A handwritten signature in cursive script that reads "Norma James".

Reviewed by: _____

Norma James
President



10 October 2008

Amber Bussell
McClelland Consulting Engineers, Inc.
P.O. Box 34087
Little Rock, AR 72201-4087
Project: Monticello



Date Received: 03-Oct-08 14:30

ANALYTICAL RESULTS

Lab Number: 0810162-01
Sample Name: Monticello East Influent
Date/Time Collected: 10/1/08 0:00
Sample Matrix: Water

Total Metals	Units	Result	Date/Time Analyzed	Batch	Method
Arsenic	mg/L	< 0.050	10/7/08 17:40	A810091	200.7
Cadmium	mg/L	< 0.005	10/7/08 17:43	A810091	200.7
Chromium	mg/L	< 0.020	10/7/08 17:42	A810091	200.7
Copper	mg/L	0.299	10/7/08 17:41	A810091	200.7
Lead	mg/L	< 0.015	10/7/08 17:42	A810091	200.7
Mercury	mg/L	< 0.0002	10/7/08 11:10	A810082	245.1/7470A
Nickel	mg/L	< 0.010	10/7/08 17:42	A810091	200.7
Silver	mg/L	< 0.020	10/7/08 17:41	A810091	200.7
Zinc	mg/L	0.041	10/7/08 17:42	A810091	200.7

Wet Chemistry	Units	Result	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	0.041	10/10/08 11:12	A810121	4500-CN E/9014

QUALITY CONTROL RESULTS

Total Metals -- Batch: A810082 (Water)
Prepared: 07-Oct-08 09:03 By: TT -- Analyzed: 07-Oct-08 11:10 By: TT

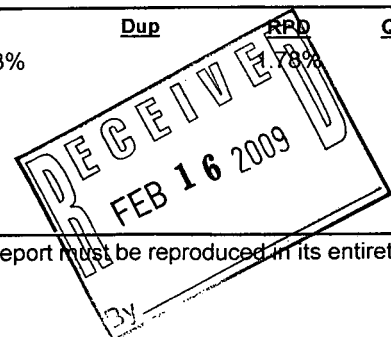
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Mercury	<0.0002 mg/L	105% / NA	107% / 107%		0.366%	

Total Metals -- Batch: A810091 (Water)
Prepared: 07-Oct-08 14:03 By: TT -- Analyzed: 07-Oct-08 16:59 By: TT

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Arsenic	<0.050 mg/L	106% / NA	110% / 106%		3.51%	
Cadmium	<0.001 mg/L	96.4% / NA	95.8% / 97.9%		2.09%	
Chromium	<0.010 mg/L	97.7% / NA	95.9% / 95.9%		0.0344%	
Copper	<0.005 mg/L	100% / NA	99.0% / 104%		4.93%	
Lead	<0.015 mg/L	93.8% / NA	91.7% / 96.0%		4.55%	
Nickel	<0.010 mg/L	93.2% / NA	92.9% / 92.4%		0.500%	
Silver	<0.020 mg/L	91.5% / NA	97.7% / 99.3%		1.53%	
Zinc	<0.005 mg/L	100% / NA	99.3% / 99.2%		0.0952%	

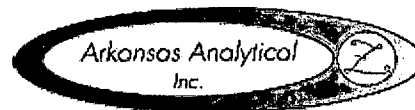
Wet Chemistry -- Batch: A810121 (Water)
Prepared: 10-Oct-08 11:12 By: SB -- Analyzed: 10-Oct-08 11:12 By: SB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Cyanide (total)	<0.020 mg/L	97.0% / NA	90.7% / 92.3%		78%	



10 October 2008

Amber Bussell
McClelland Consulting Engineers, Inc.
P.O. Box 34087
Little Rock, AR 72201-4087
Project: Monticello



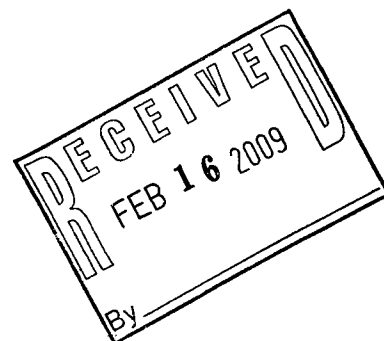
Date Received: 03-Oct-08 14:30

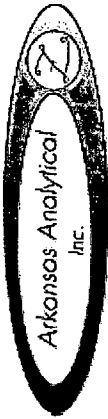
All Analysis performed according to EPA approved methodology when available:
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods, 20th Edition.
Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

A handwritten signature in cursive script that reads "Norma James".

Reviewed by: _____

Norma James
President





10 October 2008

Amber Bussell
 McClelland Consulting Engineers, Inc.
 P.O. Box 34087
 Little Rock, AR 72201-4087
 Project: Monticello

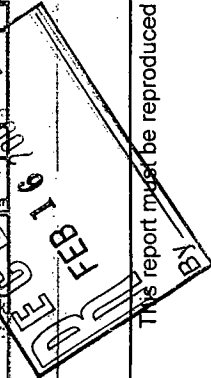
Date Received: 03-Oct-08 14:30

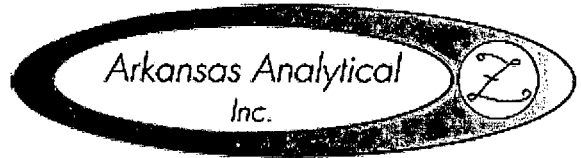
CHAIN OF CUSTODY FORM(S)

11701 Interstate 30, Bldg. 1, Ste. 115
 Little Rock, AR 72209
 PHONE: 501-455-3233
 FAX: 501-455-6118

CHAIN OF CUSTODY RECORD

CLIENT INFORMATION McClelland Consulting Engineers 1311 W 2nd St Little Rock, AR 72201	BILLING McClelland Consulting Engineers P.O. Box 34087 Little Rock, AR 72203-4087	Project Description Reporting Information Telephone: 501-378-7808 FAX: 501-375-4677 Site to P.O. #:	Turnaround Time 24 Hour 48 Hour 72 Hour Routine (5 Day)	Preservation Codes: 1. Cool, 4 Degree Celsius 2. Sulfuric Acid (H ₂ SO ₄), pH < 2 3. Nitric Acid (HNO ₃), pH < 2 4. Titration for Determination 5. Hydrochloric Acid (HCl) 6. Sodium Hydroxide (NaOH), pH > 12					
Attn: Kim Carman		TEST PARAMETERS Preservative Code: 8 1 3 Bottle Type:		Order Number:					
Sampler(s) Signature: <i>Sharon Busch</i>		Sampler(s) Printed: <i>Sharon Busch</i>		Order Number:					
Field Number	DATE'S	TIME'S	GRAB	COMPO	NUMBER OF SAMPLES	SAMPLE IDENTIFICATION / DESCRIPTION	TEST PARAMETERS	ORDER NUMBER	
	10/3/08				X 2	Monticello East Influent	Cyanide Metals X X	0810162 -01	
1. Requested by: (Signature) <i>Sharon Busch</i>			Date/Time 10/3/08 14:30		2. Received by: (Signature) 			SAMPLE CONDITION UPON RECEIPT BY LAB 1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 2. CONTAINERS CORRECT: <input type="checkbox"/> Yes <input type="checkbox"/> No 3. COOLABELS AGREE: <input type="checkbox"/> Yes <input type="checkbox"/> No 4. PRESERVATION CONFIRMED: <input type="checkbox"/> Yes <input type="checkbox"/> No 5. RECEIVED ON ICE: <input type="checkbox"/> Yes <input type="checkbox"/> No 6. TEMPERATURE ON RECEIPT: 3.5°C	
3. Requested by: (Signature) 			Date/Time		4. Received by lab: (Signature) <i>Jessie Radican</i>			REMARKS / SAMPLE COMMENTS	
FOR COMPLETION BY LAB ONLY									





11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209
501-455-3233 Fax 501-455-6118

10 October 2008

Amber Bussell
McClelland Consulting Engineers, Inc.
P.O. Box 34087
Little Rock, AR 72201-4087

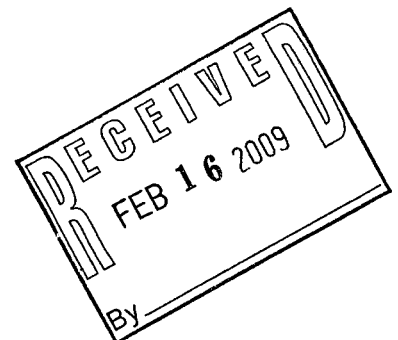
RE: Monticello
SDG Number: 0810162

Enclosed are the results of analyses for samples received by the laboratory on
03-Oct-08 14:30. If you have any questions concerning this report, please feel free to
contact me.

Sincerely,

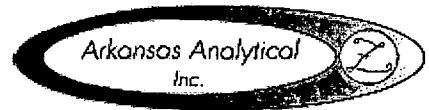
A handwritten signature in cursive script that reads "Norma James".

Norma James
President



14 April 2008

Amber Bussell
McClelland Consulting Engineers, Inc.
P.O. Box 34087
Little Rock, AR 72201-4087
Project: Monticello Irrigation



Date Received: 03-Apr-08 10:08

ANALYTICAL RESULTS

Lab Number: 0804037-01
Sample Name: Monticello Irrigation
Date/Time Collected: 3/27/08 0:00
Sample Matrix: Water

Total Metals	Units	Result	Date/Time Analyzed	Batch	Method
Calcium	mg/L	7.05	4/7/08 20:26	A804087	200.7
Magnesium	mg/L	2.91	4/7/08 20:26	A804087	200.7
Sodium	mg/L	47.4	4/7/08 20:30	A804087	200.7

Wet Chemistry	Units	Result	Date/Time Analyzed	Batch	Method
Specific Conductance (EC)	uS/cm	19500	4/10/08 11:30	A804147	120.1

QUALITY CONTROL RESULTS

Total Metals

Batch: A804087 (Water); Prepared: 07-Apr-08 11:00

	Blank	LCS	MS	MSD/RPD
Calcium	< 0.100 mg/L	102 %	105 %	95.8 % / 8.25
Magnesium	< 0.100 mg/L	100 %	100 %	100 % / 0.323
Sodium	< 1.00 mg/L	94.7 %	98.0 %	90.0 % / 7.97

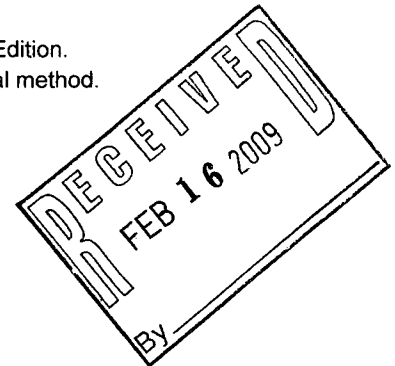
Wet Chemistry

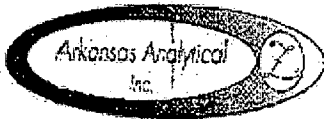
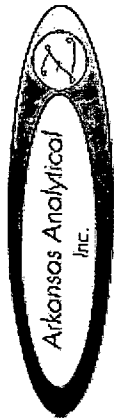
Batch: A804147 (Water); Prepared: 10-Apr-08 11:30

	Blank	LCS	LCSD/RPD
Specific Conductance (EC)	< 1.00 uS/cm	101 %	101 % / 0.140

All Analysis performed according to EPA approved methodology when available:
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods, 20th Edition.
Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by: Norma James
Norma James
President





11701 Interstate 30, Bldg. 1, Ste. 115
 Little Rock, AR 72209
 PHONE: 501-455-3233
 FAX: 501-455-6118

CHAIN OF CUSTODY RECORD

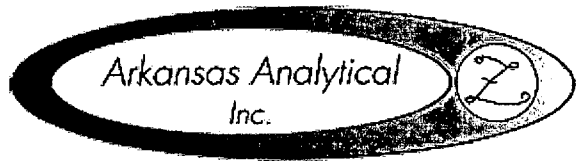
CLIENT INFORMATION		BILLING		Project Description		Turnaround Time		Preservation Codes:					
McClelland Consulting Engineers 1311 W 2nd St. Little Rock, AR 72201		McClelland Consulting Engineers P.O. Box 34087 Little Rock, AR 72203-4087		Monticello Irrigation Reporting Information		24 Hour 48 Hour 72 Hour		1. Cool, 4 Degrees Celsius 2. Sulfuric Acid (H ₂ SO ₄) pH < 2 3. Nitric Acid (HNO ₃) pH < 2			4. Thiosulfate for Dichloride 5. Hydrochloric Acid (HCl) 6. Sodium Hydroxide (NaOH) pH > 12		
Attn: Kim Carman		Telephone: 501-378-7808 FAX: 501-378-4877 Bill to P.O. #:		Routine (5 Day)		Preservation Code:		TEST PARAMETERS					
						1,3 1,3		Back Type Code					
						P WP		G - Glass, P - Plastic V - Vial, A - Amber					
Sampler(s) Signature				Sampler(s) Printed				Conductivity		Ca, Mg, Na		Arkansas Analytical Work Order Number:	
Field Number	SAMPLE COLLECTION Date/s Time/s		Orb	Comp	Number of Bottles	Sample Vials	SAMPLE IDENTIFICATION/DESCRIPTION				0804037		
	3/27/08		X		2	W	Monticello Irrigation		X	X	01		
1. Relinquished by: (Signature)		Date/Time		2. Received by: (Signature)		SAMPLE CONDITION UPON RECEIPT IN LAB				REMARKS / SAMPLE COMMENTS			
<i>Kim Carman</i>		4/3/08 10:08		<i>Sidney James</i>		1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No							
3. Relinquished by: (Signature)		Date/Time		4. Received by lab: (Signature)		2. CONTAINERS CORRECT: <input type="checkbox"/> Yes <input type="checkbox"/> No							
				<i>Sidney James</i>		3. COD LABELS AGREE: <input type="checkbox"/> Yes <input type="checkbox"/> No							
						4. PRESERVATION CONFIRMED: <input type="checkbox"/> Yes <input type="checkbox"/> No							
						5. RECEIVED ON ICE: <input type="checkbox"/> Yes <input type="checkbox"/> No							
						6. TEMPERATURE ON RECEIPT: _____							
						FOR COMPLETION BY LAB ONLY							

RECEIVED
 BY: J. M. GLENN
 FEB 16 2008

14 April 2008
 Amber Bussell
 McClelland Consulting Engineers, Inc.
 P.O. Box 34087
 Little Rock, AR 72201-4087
 Project: Monticello Irrigation

Date Received: 03-Apr-08 10:08

CHAIN OF CUSTODY FORM(S)



11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209
501-455-3233 Fax 501-455-6118

14 April 2008

Amber Bussell
McClelland Consulting Engineers, Inc.
P.O. Box 34087
Little Rock, AR 72201-4087

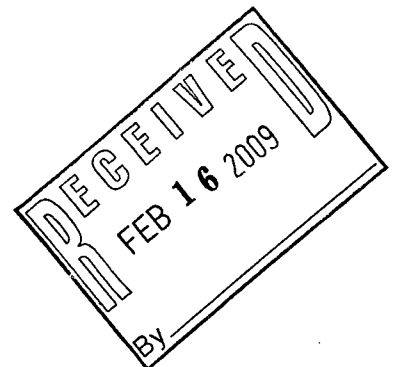
RE: Monticello Irrigation
SDG Number: 0804037

Enclosed are the results of analyses for samples received by the laboratory on
03-Apr-08 10:08. If you have any questions concerning this report, please feel free to
contact me.

Sincerely,

A handwritten signature in cursive script that reads "Norma James". The signature is written in black ink and is positioned above a horizontal line.

Norma James
President



06 May 2008

Amber Bussell
McClelland Consulting Engineers, Inc.
P.O. Box 34087
Little Rock, AR 72201-4087
Project: Monticello Irrigation



Date Received: 28-Apr-08 14:54

ANALYTICAL RESULTS

Lab Number: 0804348-01
Sample Name: Monticello Irrigation
Date/Time Collected: 4/24/08 0:00
Sample Matrix: Water

Total Metals	Units	Result	Date/Time Analyzed	Batch	Method
Calcium	mg/L	9.20	5/2/08 13:33	A805019	200.7
Magnesium	mg/L	3.41	5/2/08 14:37	A805019	200.7
Sodium	mg/L	42.8	5/2/08 14:44	A805019	200.7

Wet Chemistry	Units	Result	Date/Time Analyzed	Batch	Method
Specific Conductance (EC)	uS/cm	342	5/5/08 14:10	A805042	120.1

QUALITY CONTROL RESULTS

Total Metals

Batch: A805019 (Water); Prepared: 02-May-08 11:14

	Blank	LCS	MS	MSD/RPD
Calcium	< 0.100 mg/L	103 %	106 %	103 % / 3.24
Magnesium	< 0.100 mg/L	104 %	103 %	111 % / 6.86
Sodium	< 1.00 mg/L	88.9 %	105 %	100 % / 3.45

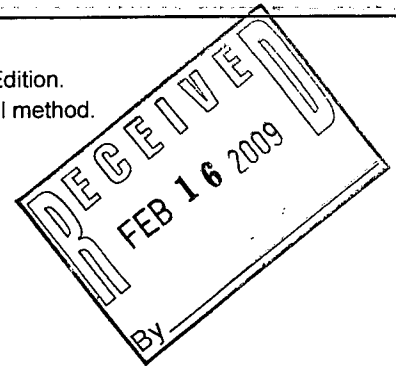
Wet Chemistry

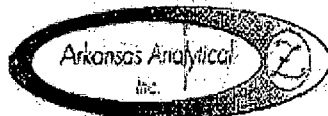
Batch: A805042 (Water); Prepared: 02-May-08 11:30

	Blank	LCS	LCSD/RPD
Specific Conductance (EC)	< 1.00 uS/cm	100 %	100 % / 0.0705

All Analysis performed according to EPA approved methodology when available:
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods, 20th Edition.
Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by: _____
Norma James
President





11701 Interstate 30, Bldg. 1, Ste. 115
 Little Rock, AR 72209
 PHONE: 501-455-3233
 FAX: 501-455-6118

CHAIN OF CUSTODY RECORD

CLIENT INFORMATION		BILLING		Project Description			Turnaround Time	Preservation Codes:																			
McClelland Consulting Engineers		McClelland Consulting Engineers		Monticello Irrigation			24 Hour	1. Cool 4 Degree Centigrade			4. Thiosulfate for Decoloration																
1311 W 2nd St.		P.O. Box 34087		Reporting Information			40 Hour	2. Sulfuric Acid (H ₂ SO ₄) pH < 2			5. Hydrochloric Acid (HCl)																
Little Rock, AR 72201		Little Rock, AR 72203-4087		Telephone: 501-378-7808			72 Hour	3. Nitric Acid (HNO ₃) pH < 2			6. Sodium Hydroxide (NaOH), pH > 12																
Attn: Kim Carman				FAX: 501-378-4877			Routine (5 Day)	TEST PARAMETERS																			
				Bill to P.O. #:			Preservative Code:	1,3	1,3	1	1	1	1	1	1	1	1	1	1	1							
							Bottle Type:	P	P	P																	
Sample(s) Signature:		Sampler(s) Printed																									
Field Number	SAMPLE COLLECTION		Date	Time	Grav	Comp	Number of Orders	Sample M/L	SAMPLE IDENTIFICATION/DESCRIPTION			Conductivity	Ca, Mg, Na	Arkansas Analytical Work Order Number:													
	Dates	Times							IDENTIFICATION/DESCRIPTION																		
	4-24-08		X				2	W	Monticello Irrigation			X	X	74348-01													
	4-24-08		X				1	S	Monticello Irrigation					02													

APPROVED
 FEB 16 2008
 BY [Signature]

1. Released by: (Signature)		Date/Time		2. Received by: (Signature)		SAMPLE CONDITION UPON RECEIPT IN LAB				REMARKS / SAMPLE COMMENTS			
						1. CUSTODY SEALS: Yes No 2. CONTAINERS CORRECT: Yes No 3. CO-LABELS AGREE: Yes No 4. PRESERVATION CONFIRMED: Yes No 5. RECEIVED ON ICE: Yes No 6. TEMPERATURE ON RECEIPT: 5.10°C							
3. Released by: (Signature)		Date/Time		4. Received by Lab: (Signature)		FOR COMPLETION BY LAB ONLY							
		4-28-08 1454											

06 May 2008

Amber Bussell
 McClelland Consulting Engineers, Inc.
 P.O. Box 34087
 Little Rock, AR 72201-4087
 Project: Monticello Irrigation

Date Received: 28-Apr-08 14:54

CHAIN OF CUSTODY FORM(S)



11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209
501-455-3233 Fax 501-455-6118

06 May 2008

Amber Bussell
McClelland Consulting Engineers, Inc.
P.O. Box 34087
Little Rock, AR 72201-4087

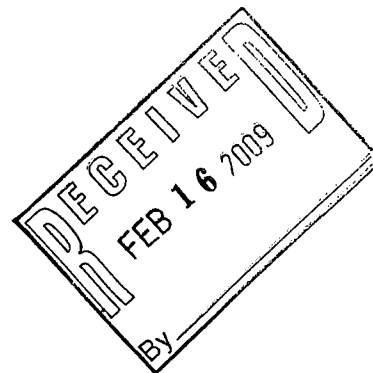
RE: Monticello Irrigation
SDG Number: 0804348

Enclosed are the results of analyses for samples received by the laboratory on 28-Apr-08 14:54. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Norma James". The signature is written in black ink and is positioned above a horizontal line.

Norma James
President



05 September 2008

Amber Bussell
McClelland Consulting Engineers, Inc.
P.O. Box 34087
Little Rock, AR 72201-4087
Project: Monticello Irrigation



Date Received: 02-Sep-08 13:00

ANALYTICAL RESULTS

Lab Number: 0809014-01
Sample Name: Monticello Irrigation
Date/Time Collected: 8/28/08 9:00
Sample Matrix: Water

Total Metals	Units	Result	Date/Time Analyzed	Batch	Method
Calcium	mg/L	9.58	9/3/08 14:15	A809027	200.7
Magnesium	mg/L	2.94	9/3/08 16:02	A809027	200.7
Sodium	mg/L	50.0	9/3/08 14:18	A809027	200.7

Wet Chemistry	Units	Result	Date/Time Analyzed	Batch	Method
Specific Conductance (EC)	uS/cm	310	9/5/08 11:04	A809073	120.1

QUALITY CONTROL RESULTS

Total Metals -- Batch: A809027 (Water)

Prepared: 03-Sep-08 09:20 By: TT -- Analyzed: 03-Sep-08 13:40 By: TT

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Calcium	<0.100 mg/L	109% / NA	MBI / MBI		3.74%	MBI
Magnesium	<0.100 mg/L	93.9% / NA	97.3% / 99.5%		1.22%	
Sodium	<1.00 mg/L	95.4% / NA	MBI / MBI		8.91%	MBI

Wet Chemistry -- Batch: A809073 (Water)

Prepared: 05-Sep-08 09:45 By: TT -- Analyzed: 05-Sep-08 09:57 By: TT

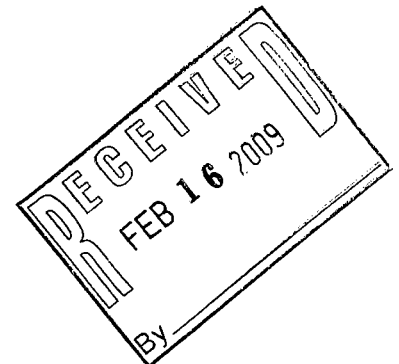
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Specific Conductance (EC)	<1.00 uS/cm	102% / 102%	NA / NA		0.139%	

QUALIFIER(S)

*MBI: Masked By Interference

All Analysis performed according to EPA approved methodology when available:
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods, 20th Edition.
Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by: _____
Norma James
President



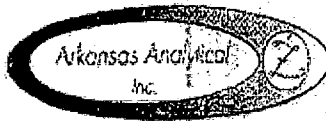


05 September 2008

Amber Bussell
 McClelland Consulting Engineers, Inc.
 P.O. Box 34087
 Little Rock, AR 72201-4087
 Project: Monticello Irrigation

Date Received: 02-Sep-08 13:00

CHAIN OF CUSTODY FORM(S)

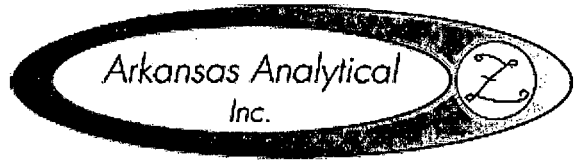


11701 Interstate 30, Bldg. 1, Ste. 115
 Little Rock, AR 72209
 PHONE: 501-455-3233
 FAX: 501-455-6118

CHAIN OF CUSTODY RECORD

CLIENT INFORMATION		BILLING		Project Description		Turnaround Time	Preservation Codes:														
McClelland Consulting Engineers		McClelland Consulting Engineers		Monticello Irrigation		24 Hour	1. Cool, & Depress Centrifuge		4. Thiosulfate for Dechlorination												
1311 W 2nd St.		P.O. Box 34087		Reporting Information		48 Hour	2. Sulfuric Acid (H ₂ SO ₄), pH < 2		5. Hydrochloric Acid (HCl)												
Little Rock, AR 72201		Little Rock, AR 72293-4087		Telephone: 501-378-7808		72 Hour	3. Nitric Acid (HNO ₃), pH < 2		6. Sodium Hydroxide (NaOH), pH > 12												
Attn: Kim Carman		FAX: 501-378-4877		Bill to/P.O. #:		Routine (5 Day)	TEST PARAMETERS														
						Preservative Code:	1,3	1,3			Bottle Type Code										
						Scale/Type:	P	P			G = Glass, P = Plastic										
											V = Vials, A = Amber										
Sampler(s) Signature: <i>Evan Burtel</i>				Sampler(s) Printed: <i>Evan Burtel</i>						Arkansas Analytical Work Order Number:											
Field Number	SAMPLE COLLECTION		Grav	Corr	Temp of Sample	Depth	Meters	SAMPLE IDENTIFICATION/ DESCRIPTION				Conductivity	Ca, Mg, Na								
	Date/s	Time/s																			
	8-28-08	9:00	✓				W	Monticello Irrigation				X	X								09014-01
1. Relinquished by: (Signature)			Date/Time			2. Received by: (Signature)			SAMPLE CONDITION UPON RECEIPT IN LAB:				REMARKS / SAMPLE COMMENTS								
									1. CUSTODY SEALS: Yes No												
									2. CONTAINERS CORRECT: Yes No												
									3. CO-LABELS AGREE: Yes No												
3. Relinquished by: (Signature)			Date/Time			4. Received by Lab: (Signature)			4. PRESERVATION CONFIRMED: Yes No												
<i>Evan Burtel</i>			9-2-08 13:00			<i>Namjo</i>			5. RECEIVED ON ICE: Yes No												
									6. TEMPERATURE ON RECEIPT: 2.50C												
FOR COMPLETION BY LAB ONLY																					

RECEIVED
 BY: M. G. H. W. H. E.
 FEB 16 2009



11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209
501-455-3233 Fax 501-455-6118

05 September 2008

Amber Bussell
McClelland Consulting Engineers, Inc.
P.O. Box 34087
Little Rock, AR 72201-4087

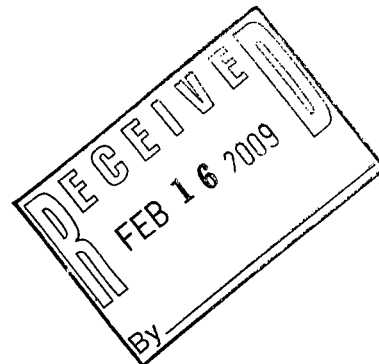
RE: Monticello Irrigation
SDG Number: 0809014

Enclosed are the results of analyses for samples received by the laboratory on 02-Sep-08 13:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Norma James".

Norma James
President



CHAIN OF CUSTODY

Company Name: Mont. Irrigation

Contact: _____

Address: _____

Telephone: _____

Date/Time Composite Taken: _____ Sampler: _____

Date/Time Grab Taken: 8-28-08 7:38 Sampler: EB

Number of Containers: 3

Sample ID/Location: End

pH: 8.46 7:40 DO: _____

Flow: _____

Container	Plastic/Glass	Type of sample	Preservation	Parameters
1	P	Grab	4°C	BOD, Cond, SAR
2	WP	↓	↓ H ₂ SO ₄ ↓ Na ₂ S ₂ O ₄	NH ₃ , NO ₃ , TKN
3	Thio			FC
4				
5				

Relinquished By: _____ Date/Time: _____

Received By: _____ Date/Time: _____

Relinquished By: EB Date/Time: 8-28-08 12:45

Received By: _____ Date/Time: _____

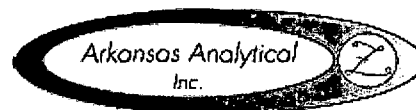
Comments: _____

pH calibration: actual/observed 7.00 - 7.00 101.6 actual observed 1000 1001
 Dissolved Oxygen calibration: Zero _____ Full Scale _____ Elevation _____

MCCLELLAND
 Environmental Consulting
 Engineers, Inc.

RECEIVED
 FEB 16 2009
 BY _____

09 December 2008



Amber Bussell
McClelland Consulting Engineers, Inc.
P.O. Box 34087
Little Rock, AR 72201-4087
Project: Monticello Irrigation

Date Received: 03-Dec-08 11:30

ANALYTICAL RESULTS

Lab Number: 0812031-01
Sample Name: Monticello Irrigation
Date/Time Collected: 11/19/08 0:00
Sample Matrix: Water

Table with 6 columns: Analyte, Units, Result, Date/Time Analyzed, Batch, Method. Rows include Total Metals (Calcium, Magnesium, Sodium) and Wet Chemistry (Specific Conductance (EC)).

QUALITY CONTROL RESULTS

Total Metals -- Batch: A812110 (Water)

Prepared: 08-Dec-08 11:02 By: TT -- Analyzed: 08-Dec-08 19:16 By: TT

Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Rows include Calcium, Magnesium, Sodium.

Wet Chemistry -- Batch: A812125 (Water)

Prepared: 09-Dec-08 11:45 By: TT -- Analyzed: 09-Dec-08 14:20 By: TT

Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Row includes Specific Conductance (EC).

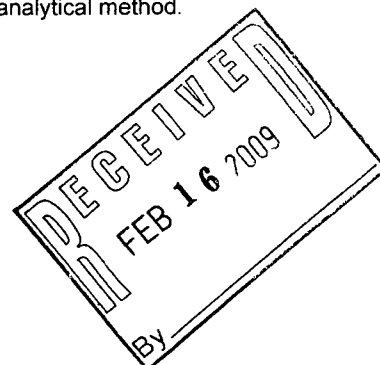
QUALIFIER(S)

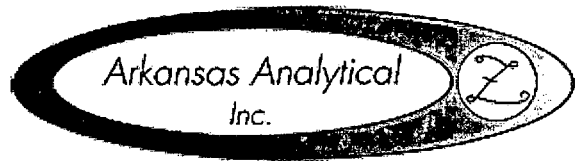
*%D1: Matrix Spike and/or Matrix Spike Duplicate Percent Recovery Does Not Meet Laboratory Acceptance Criteria

All Analysis performed according to EPA approved methodology when available:
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods, 20th Edition.
Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Handwritten signature of Norma James

Reviewed by: Norma James
President





11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209
501-455-3233 Fax 501-455-6118

09 December 2008

Amber Bussell
McClelland Consulting Engineers, Inc.
P.O. Box 34087
Little Rock, AR 72201-4087

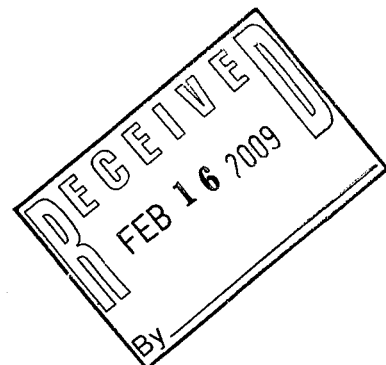
RE: Monticello Irrigation
SDG Number: 0812031

Enclosed are the results of analyses for samples received by the laboratory on 03-Dec-08 11:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Norma James".

Norma James
President



CHAIN OF CUSTODY

Company Name: Monticello Irrigation

Contact: _____

Address: _____

Telephone: _____

Date/Time Composite Taken: _____ Sampler: _____

Date/Time Grab Taken: 12-17-08 10:30 Sampler: EB

Number of Containers: _____

Sample ID/Location: _____

pH 6.22 10:33 DO _____

Flow _____

Container	Plastic/Glass	Type of sample	Preservation	Parameters
1	Plastic	Grab	4°C	BOD, Conductivity
2	Thio	"	4°C, Na ₂ S ₂ O ₄	FC
3	WP	"	4°C, H ₂ SO ₄	NO ₃ , NH ₃ , TKN
4				Ca, Mg, Na
5				

Relinquished By: _____ Date/Time: _____

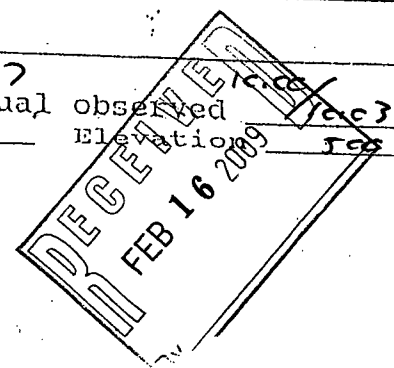
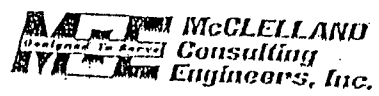
Received By: _____ Date/Time: _____

Relinquished By: EB Date/Time: 12-17-08 14:30

Received By: _____ Date/Time: _____

Comments: _____

pH calibration: actual/observed 7.00 / 7.00 997
 Dissolved Oxygen calibration: Zero _____ Full Scale _____ Elevation 1000



CHAIN OF CUSTODY

Company Name: Mont. Well 1

Contact: _____

Address: _____

Telephone: _____

Date/Time Composite Taken: _____ Sampler: _____

Date/Time Grab Taken: 12-11-08 9:11 Sampler: tb

Number of Containers: 3

Sample ID/Location: _____

pH 4.4 9:53 DO _____

Flow _____

Container	Plastic/Glass	Type of sample	Preservation	Parameters
1	Plastic	Grab	4°C	TDS, Cl ⁻
2	WP	"	4°C, H ₂ SO ₄	NO ₃
3	Thio	"	4°C, Na ₂ S ₂ O ₄	FC
4				
5				

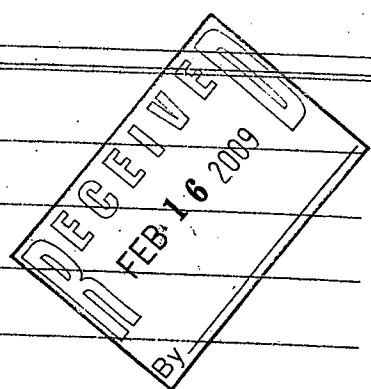
Relinquished By: _____ Date/Time: _____

Received By: _____ Date/Time: _____

Relinquished By: tb Date/Time: 12-11-08 14:00

Received By: _____ Date/Time: _____

Comments: _____



pH calibration: actual/observed 7.00/7.00 actual observed 10.00/10.02
 Dissolved Oxygen calibration: Zero _____ Full Scale _____ Elevation _____

CHAIN OF CUSTODY

Company Name: Mont. Well 2

Contact: _____

Address: _____

Telephone: _____

Date/Time Composite Taken: _____ Sampler: _____

Date/Time Grab Taken: 12-11-08 9:14 Sampler: EB

Number of Containers: _____

Sample ID/Location: _____

pH 3.92 8:54 DO _____

Flow _____

Container	Plastic/Glass	Type of sample	Preservation	Parameters
1	Plastic	Grab	4°C	TDS, Cl ⁻
2	WP	"	4°C, H ₂ SO ₄	NO ₃
3	Thio	"	4°C, Na ₂ S ₂ O ₄	FC
4				
5				

Relinquished By: _____ Date/Time: _____

Received By: _____ Date/Time: _____

Relinquished By: EB Date/Time: 12-11-08 14:00

Received By: _____ Date/Time: _____

Comments: _____

pH calibration: actual/observed 7.00 / 7.00 actual observed 10.00
 Dissolved Oxygen calibration: Zero _____ Full Scale _____ Elevation _____

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 BY _____

CHAIN OF CUSTODY

Company Name: Mont Well 3

Contact: _____

Address: _____

Telephone: _____

Date/Time Composite Taken: _____ Sampler: _____

Date/Time Grab Taken: 12-11-08 9:24 Sampler: EB

Number of Containers: _____

Sample ID/Location: _____

pH 4.51 9:55 DO _____

Flow _____

Container	Plastic/Glass	Type of sample	Preservation	Parameters
1	Plastic	Grab	4°C	TDS, Cl ⁻
2	WP	"	4°C, H ₂ NO ₄	NO ₃
3	Thio	"	4°C, Na ₂ S ₂ O ₄	FC
4				
5				

Relinquished By: _____ Date/Time: _____

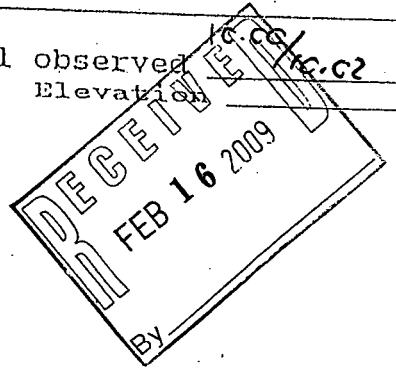
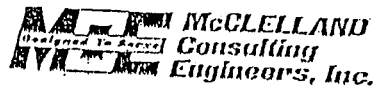
Received By: _____ Date/Time: _____

Relinquished By: EB Date/Time: 12-11-08 14:00

Received By: _____ Date/Time: _____

Comments: _____

pH calibration: actual/observed 7.00 / 7.00 actual/observed 101.1 / 101.02
 Dissolved Oxygen calibration: Zero _____ Full Scale _____ Elevation _____



CHAIN OF CUSTODY

Company Name: Mont Well 4

Contact: _____

Address: _____

Telephone: _____

Date/Time Composite Taken: _____ Sampler: _____

Date/Time Grab Taken: 12-11-08 9:28 Sampler: EB

Number of Containers: _____

Sample ID/Location: _____

pH 4.68 9:56 DO _____

Flow _____

Container	Plastic/Glass	Type of sample	Preservation	Parameters
1	Plastic	Grab	4°C	TSS, Cl ⁻
2	WP	"	4°C, H ₂ SO ₄	NO ₃
3	Thio	"	4°C, Na ₂ S ₂ O ₄	FC
4				
5				

Relinquished By: _____ Date/Time: _____

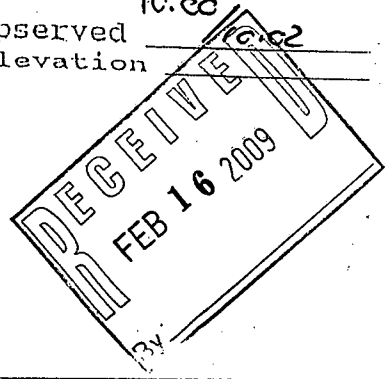
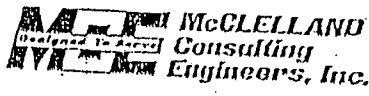
Received By: _____ Date/Time: _____

Relinquished By: EB Date/Time: 12-11-08 14:00

Received By: _____ Date/Time: _____

Comments: _____

pH calibration: actual/observed 7.00/7.00 actual 10.11 observed 10.00
 Dissolved Oxygen calibration: Zero _____ Full Scale _____ Elevation 10.00



CHAIN OF CUSTODY

Company Name: Mont. Well 5

Contact: _____

Address: _____

Telephone: _____

Date/Time Composite Taken: _____ Sampler: _____

Date/Time Grab Taken: 12-11-08 9:33 Sampler: EB

Number of Containers: _____

Sample ID/Location: _____

pH 4.74 9:57 DO _____

Flow _____

Container	Plastic/Glass	Type of sample	Preservation	Parameters
1	Plastic	Grab	4°C	TDS, Cl ⁻
2	WP	"	4°C, H ₂ SO ₄	NO ₃
3	Thio	"	4°C, Na ₂ SO ₄	FC
4				
5				

Relinquished By: _____ Date/Time: _____

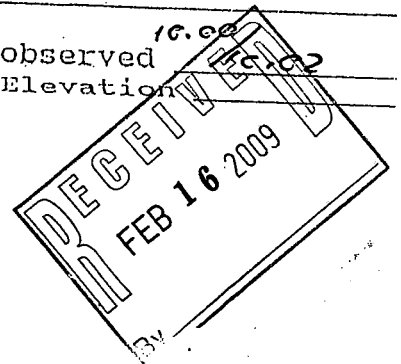
Received By: _____ Date/Time: _____

Relinquished By: EB Date/Time: 12-11-08 14:00

Received By: _____ Date/Time: _____

Comments: _____

pH calibration: actual/observed 7.00 / 7.00 actual/observed 10.00 / 10.00
 Dissolved Oxygen calibration: Zero _____ Full Scale _____ Elevation _____



CHAIN OF CUSTODY

Company Name: Mont Well Co

Contact: _____

Address: _____

Telephone: _____

Date/Time Composite Taken: _____ Sampler: _____

Date/Time Grab Taken: 12-11-08 9:38 Sampler: EB

Number of Containers: _____

Sample ID/Location: _____

pH 4.80 9:58 DO _____

Flow _____

Container	Plastic/Glass	Type of sample	Preservation	Parameters
1	Plastic	Grab	4°C	TDS, Cl ⁻
2	WP	"	4°C, H ₂ O ₂	NO ₃
3	Thio	"	4°C, Na ₂ S ₂ O ₄	FC
4				
5				

Relinquished By: _____ Date/Time: _____

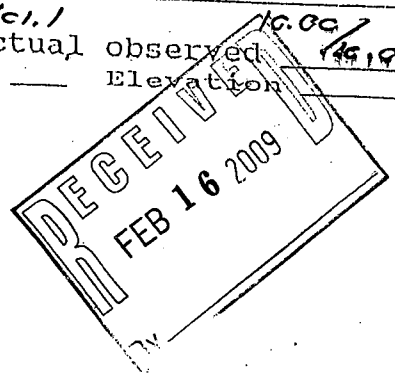
Received By: _____ Date/Time: _____

Relinquished By: EB Date/Time: 12-11-08 14:00

Received By: _____ Date/Time: _____

Comments: _____

pH calibration: actual/observed 7.00/7.00 actual/observed 10.1/10.00
 Dissolved Oxygen calibration: Zero _____ Full Scale _____ Elevation 145.92



CHAIN OF CUSTODY

Company Name: Monticello Well 1

Contact: _____

Address: _____

Telephone: _____

Date/Time Composite Taken: _____ Sampler: _____

Date/Time Grab Taken: 9-30-08 9:01 Sampler: EB

Number of Containers: 3

Sample ID/Location: well

pH 6.02 9:46 DO _____

Flow _____

Container	Plastic/Glass	Type of sample	Preservation	Parameters
1	Plastic	Grab	4°C	TDS, Cl ⁻
2	Thio	"	" N ₂ , S ₂ O ₄	FC
3	WP	"	" H ₂ SO ₄	NO ₃
4				
5				

Relinquished By: _____ Date/Time: _____

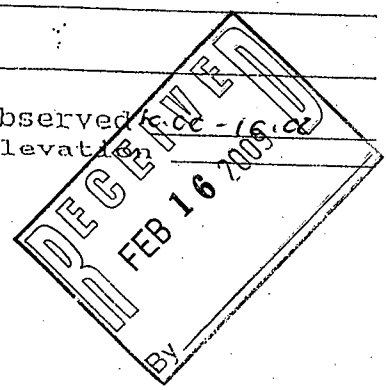
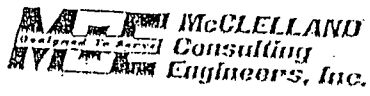
Received By: _____ Date/Time: _____

Relinquished By: EB Date/Time: 9-30-08 12:45

Received By: _____ Date/Time: _____

Comments: _____

pH calibration: actual/observed 7.00-7.00 100.3
 Dissolved Oxygen calibration: Zero _____ Full Scale _____ Elevation 15.00-16.00



CHAIN OF CUSTODY

Company Name: Monticello Well 2

Contact: _____

Address: _____

Telephone: _____

Date/Time Composite Taken: _____ Sampler: _____

Date/Time Grab Taken: 9-30-08 @ 9:06 Sampler: EB

Number of Containers: 3

Sample ID/Location: _____

pH 5.81 9:47 DO _____

Flow _____

Container	Plastic/Glass	Type of sample	Preservation	Parameters
1	Plastic	Grab	4°C	TDS, Cl-
2	Thio	"	" Na ₂ S ₂ O ₄	FC
3	WP	"	" H ₂ SO ₄	NO ₃
4				
5				

Relinquished By: _____ Date/Time: _____

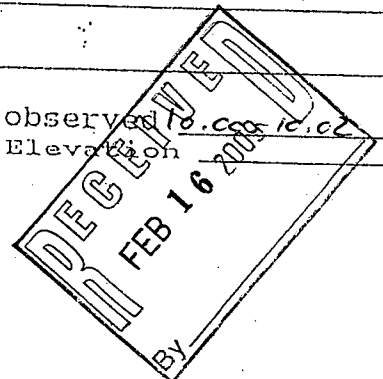
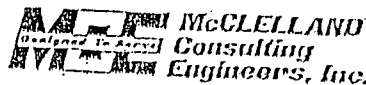
Received By: _____ Date/Time: _____

Relinquished By: EB Date/Time: 9-30-08 12:45

Received By: _____ Date/Time: _____

Comments: _____

pH calibration: actual/observed 7.00-7.00 ^{1 cc, 3} actual observed 10.00-10.02
 Dissolved Oxygen calibration: Zero _____ Full Scale _____ Elevation _____



CHAIN OF CUSTODY

Company Name: Monticello Well 3

Contact: _____

Address: _____

Telephone: _____

Date/Time Composite Taken: _____ Sampler: _____

Date/Time Grab Taken: 9-30-08 9:13 Sampler: EB

Number of Containers: 3

Sample ID/Location: _____

pH 6.04 9:48 DO _____

Flow _____

Container	Plastic/Glass	Type of sample	Preservation	Parameters
1	Plastic	Grab	4°C	TDS, Cl-
2	Thio	"	" Na ₂ S ₂ O ₄	FC
3	WP	"	" H ₂ SO ₄	NO ₃
4				
5				

Relinquished By: _____ Date/Time: _____

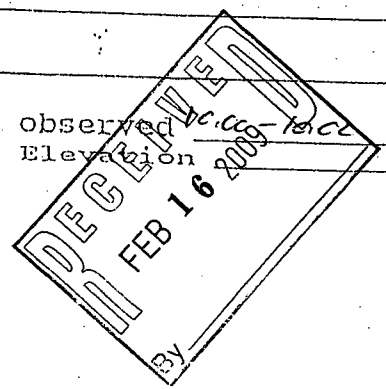
Received By: _____ Date/Time: _____

Relinquished By: EB Date/Time: 9-30-08 12:45

Received By: _____ Date/Time: _____

Comments: _____

pH calibration: actual/observed 7.00-7.00 ^{100.3} actual observed 10.00-10.00
 Dissolved Oxygen calibration: Zero _____ Full Scale _____ Elevation _____



CHAIN OF CUSTODY

Company Name: Monticello Well 4

Contact: _____

Address: _____

Telephone: _____

Date/Time Composite Taken: _____ Sampler: _____

Date/Time Grab Taken: 9-30-08 9:20 Sampler: EB

Number of Containers: 3

Sample ID/Location: _____

pH 6.12 9:49 DO _____

Flow _____

Container	Plastic/Glass	Type of sample	Preservation	Parameters
1	Plastic	Grab	4°C	TDS, Cl-
2	Thio	"	" Na ₂ S ₂ O ₄	FC
3	Wp	"	" H ₂ SO ₄	NO ₃
4				
5				

Relinquished By: _____ Date/Time: _____

Received By: _____ Date/Time: _____

Relinquished By: EB Date/Time: 9-30-08 12:45

Received By: _____ Date/Time: _____

Comments: _____

pH calibration: actual/observed 7.00-7.00 1 cc.3 actual observed 7.00-7.02
 Dissolved Oxygen calibration: Zero _____ Full Scale _____ Elevation _____

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CHAIN OF CUSTODY

Company Name: Monticello Well 5

Contact: _____

Address: _____

Telephone: _____

Date/Time Composite Taken: _____ Sampler: _____

Date/Time Grab Taken: 9-30-08 9:26 Sampler: EB

Number of Containers: 3

Sample ID/Location: _____

pH 6.02 9:50 DO _____

Flow _____

Container	Plastic/Glass	Type of sample	Preservation	Parameters
1	Plastic	Grab	4°C	TDS, Cl ⁻
2	Thru	"	" Na ₂ S ₂ O ₄	FC
3	WP	"	" H ₂ SO ₄	NO ₃
4				
5				

Relinquished By: _____ Date/Time: _____

Received By: _____ Date/Time: _____

Relinquished By: EB Date/Time: 9-30-08 12:45

Received By: _____ Date/Time: _____

Comments: _____

pH calibration: actual/observed 7.00-7.00 100.3 actual observed 10.00-10.02
 Dissolved Oxygen calibration: Zero _____ Full Scale _____ Elevation _____

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CHAIN OF CUSTODY

Company Name: Monticello Well Co
 Address: _____

Contact: _____
 Telephone: _____

Date/Time Composite Taken: _____ Sampler: _____

Date/Time Grab Taken: 9-30-08 9:36 Sampler: EB

Number of Containers: 3

Sample ID/Location: _____

pH 6.12 9:51 DO _____

Flow _____

Container	Plastic/Glass	Type of sample	Preservation	Parameters
1	Plastic	Grab	4°C	TSS, Cl-
2	Thio	"	" Na ₂ S ₂ O ₄	Fe
3	WP	"	" H ₂ SO ₄	NO ₃
4				
5				

Relinquished By: _____ Date/Time: _____

Received By: _____ Date/Time: _____

Relinquished By: EB Date/Time: 9-30-08 12:45

Received By: _____ Date/Time: _____

Comments: _____

pH calibration: actual/observed 7.00 - 7.00 100.3
 Dissolved Oxygen calibration: Zero _____ Full Scale _____ actual observed 10.00 - 10.02
 _____ Elevator _____

McCLELLAND
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 Engineers, Inc.

RECEIVED
 FEB 16 2009
 By: _____

CITY OF MONTICELLO
 STATIC WATER LEVEL - MONITORING WELL
 EAST PLANT #AR0021831

QUARTERLY REPORTING April, May June 08

DATE	WELL NUMBER	TIME CHECKED	WELL CAPACITY	STATIC WATER LEVEL	DEPTH OF AIRSPACE	
4/22/08	#1	8:30	15	6	9	
4/22/08	#2	8:34	15	9	6	
4/22/08	#3	8:41	25	17	8	
4/22/08	#4	8:47	15	7	8	
4/22/08	#5	8:55	15	10	5	
4/22/08	#6	9:00	25	14	11	
PH						
5/16/08	#1	1:00	15	10	5	
5/16/08	#2	1:04	15	11	4	
5/16/08	#3	1:10	25	18	7	
5/16/08	#4	1:15	15	8	7	
5/16/08	#5	1:20	15	9	6	
5/16/08	#6	1:25	25	15	10	
6/26/08	#1	5.63	10:20	15	9	6
6/26/08	#2	5.64	10:21	15	10	5
6/26/08	#3	5.97	10:22	25	13	12
6/26/08	#4	6.18	10:23	15	8	7
6/26/08	#5	5.81	10:25	15	10	5
6/26/08	#6	5.23	10:26	25	15	10

Completed by: Charles Hammock
 Charles Hammock Water & Sewer Technician

CITY OF MONTICELLO
 STATIC WATER LEVEL - MONITORING WELL
 EAST PLANT #AR0021831

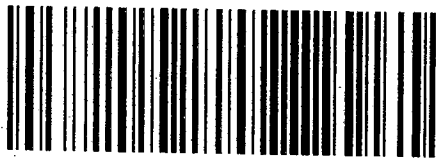
QUARTERLY REPORTING 1ST. QUARTER 2008
 JANUARY, FEBRUARY & MARCH

DATE	WELL NUMBER	TIME CHECKED	WELL CAPACITY	STATIC WATER LEVEL	DEPTH OF AIRSPACE
01-24-2008	#1	9:30 a.m.	15 FEET	10 FEET	5 FEET
01-24-2008	#2	9:34 a.m.	15 FEET	9 FEET	6 FEET
01-24-2008	#3	9:40 a.m.	25 FEET	14 FEET	11 FEET
01-24-2008	#4	9:45 a.m.	15 FEET	8 FEET	7 FEET
01-24-2008	#5	9:49 a.m.	15 FEET	10 FEET	5 FEET
01-24-2008	#6	9:54 a.m.	25 FEET	13 FEET	12 FEET
02-27-2008	#1	10:35 a.m.	15 FEET	11 FEET	4 FEET
02-27-2008	#2	10:40 a.m.	15 FEET	10 FEET	5 FEET
02-27-2008	#3	10:46 a.m.	25 FEET	15 FEET	10 FEET
02-27-2008	#4	10:50 a.m.	15 FEET	8 FEET	7 FEET
02-27-2008	#5	10:55 a.m.	15 FEET	7 FEET	8 FEET
02-27-2008	#6	11:02 a.m.	25 FEET	14 FEET	11 FEET
03-25-2008	#1	9:57 a.m.	15 FEET	9 FEET	6 FEET
03-25-2008	#2	9:59 a.m.	15 FEET	10 FEET	5 FEET
03-25-2008	#3	10:00 a.m.	25 FEET	16 FEET	9 FEET
03-25-2008	#4	10:01 a.m.	15 FEET	8 FEET	7 FEET
03-25-2008	#5	10:03 a.m.	15 FEET	9 FEET	6 FEET
03-25-2008	#6	10:04 a.m.	25 FEET	15 FEET	10 FEET

Completed by Charlie Hancock 04-28-2008
 Charlie Hancock Water & Sewer Technician

JL Royer

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ADEQ
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ADEQ

A R K A N S A S
Department of Environmental Quality

April 27, 2009

The Honorable Joe Rogers

Monticello, City of
East Wastewater Treatment Plant
P.O. Box 505
Monticello, AR 71657

RE: NPDES Permit AR0021831, AFIN 22-00037
Response to Inspection

Dear Mayor Rogers:

The Department has received your response to the February 12, 2009 inspection of your facility by our District Field Inspector, John Lamb. In your letter you state that you are pursuing a "No Exposure Certification" from ADEQ. Please notify me in writing when you have obtained this certification, so I can place the notification with our records of this inspection. Otherwise, your letter appears to adequately address the discrepancies identified during the visit.

The Department will keep the inspection and response on file and will consider them as required by the Pollution Control and Ecology Commission Regulation No. 7, Civil Penalties. This regulation requires ADEQ to consider the past history of your company and how expeditiously the violations were addressed in determining any civil penalty that may be necessary for any violations.

Thank you for your attention to this matter. If we need further information, we will contact you. Should you have any questions, feel free to contact me by phone at 501-682-0632 or e-mail at robertsa@adeq.state.ar.us. In any written correspondence to this Department, please refer to NPDES Permit AR0021831.

Sincerely,



Anne Roberts
Enforcement Administrator
Enforcement Branch
Water Division