

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

John W. Land

Water Division

cc: Water Division Enforcement Branch

Water Division Permits Branch

	ADEQ Water NPDES In	nspec	ction AFIN: «AFIN»		Permit #: «Per	rmit_	»
<b>\$</b>	EPA						Form Approved OMB No. 2040-0003
	N I I I I I I I I I I I I I I I I I I I						
	NPDE						
			Section A: Nation	nal Da	ata System Coding		
1	N         2         5         3         A         R	0	NPDES   3   1   11	12	Yr/Mo/Day  0 9 0 2 1 2 17	Ins 18	pec. Type Inspector Fac. Type  C 19 S 20 1
			F	Remar	rks		
	Inspection Work Days 67 69	]	Facility Evaluation Rating 70 1 71	BI N	QA	<u></u>	Reserved
			Section I	B: Fa	cility Data		I
incl	ne and Location of Facility Inspected and POTW name and NPDES permit DNTICELLO, CITY OF-EAST	num		V, also	Entry Time/Date 10:07 /2/12/2009		Permit Effective Date 2/1/2007
	t of Town, off Old Florence Road nticello, AR				Exit Time/Date 15:54 /2/12/2009		Permit Expiration Date 1/31/2012
	ne(s) of On-Site Representative(s)/Tarles Hammock, 870-367-3415	itle(s)	/Phone and Fax Number(s)			Oth	ner Facility Data
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 No							
					ted During Inspection 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	<b>Pollution Prevention</b>
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							
Se		_		_	e enough for solids to fall back int This was approved by John Baile		
Se	Section J: The facility did not have a SWPPP or a "no exposure" certification.						

Name(s) and Signature(s) of Inspector(s)

Agency/Office/Telephone/Fax
Arkansas Department of Environmental Quality
3400 West. Hillsboro, El Dorado, AR 71730

John W. Lamb

Date
12 March 2009

Agency/Office/Phone and Fax Numbers

Signature of Reviewer

NPDES Report Page 3

Date

ADEQ Water NPDES Inspection	AFIN: « <b>AFIN</b> »	Permit #: «Permit_»

SECTION A: PERMIT VERIFICATION	
PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS	⊠S □M □U □NA □NE
DETAILS:	
CORRECT NAME AND MAILING ADDRESS OF PERMITTEE:	⊠y □n □na □ne
2. NOTIFICATION GIVEN TO EPA/STATE OF NEW DIFFERENT OR INCREASED DISCHARGES:	⊠y □n □na □ne
3. NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT:	☑Y □N □NA □NE
4. ALL DISCHARGES ARE PERMITTED:	⊠y □n □na □ne
SECTION B: RECORDKEEPING AND REPORTING EVALUATION	
RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT	□S □M ☑U □NA □NE
DETAILS: see page 1	
ANALYTICAL RESULTS CONSISTENT WITH DATA REPORTED ON DMRS:	□y Øn □na □ne
2. SAMPLING AND ANALYSES DATA ADEQUATE AND INCLUDE:	□S □M ☑U □NA □NE
a. DATES AND TIME(S) OF SAMPLING:	□y Øn □na □ne
b. EXACT LOCATION(S) OF SAMPLING:	□Y ØN □NA □NE
c. NAME OF INDIVIDUAL PERFORMING SAMPLING:	□Y ØN □NA □NE
d. ANALYTICAL METHODS AND TECHNIQUES:	□y Øn □na □ne
e. RESULTS OF CALIBRATIONS:	□y Øn □na □ne
f. RESULTS OF ANALYSES:	□y Øn □na □ne
g. DATES AND TIMES OF ANALYSES:	□Y ØN □NA □NE
h. NAME OF PERSON(S) PERFORMING ANALYSES:	□y Øn □na □ne
3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE:	□S □M ☑U □NA □NE
4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR:	⊠s □m □u □na □ne
5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA:	Øy □n □na □ne
SECTION C: OPERATIONS AND MAINTENANCE	
TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED	☐S ☐M ☑U ☐NA ☐NE
DETAILS: see page 1	
1. TREATMENT UNITS PROPERLY OPERATED:	☑S ☐M ☐U ☐NA ☐NE
2. TREATMENT UNITS PROPERLY MAINTAINED:	□S □M ☑U □NA □NE
3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED:	☑S ☐M ☐U ☐NA ☐NE
4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE:	☑S ☐M ☐U ☐NA ☐NE
5. ALL NEEDED TREATMENT UNITS IN SERVICE:	⊠s □m □u □na □ne
6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED:	⊠s □m □u □na □ne
7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED:	☑S ☐M ☐U ☐NA ☐NE
8. OPERATION AND MAINTENANCE MANUAL AVAILABLE:	☑Y □N □NA □NE
9. STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED:	☑Y □N □NA □NE
10. PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED:	⊠y □n □na □ne
11. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR:	⊠y □n □na □ne
12. IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED:	☑Y □N □NA □NE
13. HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS:	☑Y □N □NA □NE
14. HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT:	□y Øn □na □ne
15. IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT:	□y □n □na ☑ne

ADEQ Water NPDES Inspection	AFIN: « <b>AFIN</b> »	Permit #: <b>«Permit_»</b>

SECTION D: SAMPLING	
PERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS	□S □M ☑U □NA □NE
DETAILS: see page 1	•
1. SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT:	□y Øn □na □ne
2. LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES:	□y Øn □na □ne
3. FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT:	□y Øn □na □ne
4. SAMPLING AND ANALYSES COMPLETED ON PARAMETERS SPECIFIED IN PERMIT:	□y Øn □na □ne
5. SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT:	□y Øn □na □ne
6. SAMPLE COLLECTION PROCEDURES ADEQUATE:	□y Øn □na □ne
a. SAMPLES REFRIGERATED DURING COMPOSITING:	□y Øn □na □ne
b. PROPER PRESERVATION TECHNIQUES USED:	□y Øn □na □ne
c. CONTAINERS AND SAMPLE HOLDING TIMES CONFORM TO 40 CFR 136:	□y Øn □na □ne
7. IF MONITORING IS PERFORMED MORE OFTEN THAN REQUIRED ARE RESULTS REPORTED ON THE DMR:	□y Øn □na □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: weir TYPE OF DEVICE:	☑y □n □na □ne
2. FLOW MEASURED AT EACH OUTFALL AS REQUIRED:	☑Y □N □NA □NE
3. SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED:	☑Y □N □NA □NE
4. CALIBRATION FREQUENCY ADEQUATE:	☑Y □N □NA □NE
5. RECORDS MAINTAINED OF CALIBRATION PROCEDURES:	☑Y □N □NA □NE
6. CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE:	☑y □n □na □ne
7. FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE:	☑Y □N □NA □NE
8. FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGE OF FLOW RATES:	☑Y □N □NA □NE
9. HEAD MEASURED AT PROPER LOCATION:	☑Y □N □NA □NE
SECTION F: LABORATORY	
PERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS	□S □M ☑U □NA □NE
DETAILS: see page 1	•
1. EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(B) FOR SLUDGES) :	□Y ØN □NA □NE
2. IF ALTERNATIVE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED:	□Y □N ☑NA □NE
3. SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT:	□y Øn □na □ne
4. QUALITY CONTROL PROCEDURES ADEQUATE:	□y Øn □na □ne
5. DUPLICATE SAMPLES ARE ANALYZED ≥10% OF THE TIME:	□y Øn □na □ne
6. SPIKED SAMPLES ARE ANALYZED ≥10% OF THE TIME:	□Y 🗹N □NA □NE
7. COMMERCIAL LABORATORY USED:	☑Y □N □NA □NE
a. LAB NAME: McCelland Consulting Engineers	
b. LAB ADDRESS: West Markham, Little Rock, AR	
c. PARAMETERS PERFORMED:	
8. BIOMONITORING PROCEDURES ADEQUATE:	Øy □n □na □ne
a. PROPER ORGANISMS USED:	Øy □n □na □ne
b. PROPER DILUTION SERIES FOLLOWED:	Øy □n □na □ne
c. PROPER TEST METHODS AND DURATION:	Øy □n □na □ne
d. RETESTS AND/OR TRE PERFORMED AS REQUIRED:	Øy □n □na □ne

ADEQ Water NPDES Inspection	AFIN: « <b>AFIN</b> »	Permit #: «Permit_»

SECTION	G: EFFLUEI	NT/RECEIVIN	IG WATERS	OBSERVATION	ONS			
BASED ON	Øs □m □	U DNA DNE						
DETAILS:					<b>-</b>			
OUTFALL #:	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOATING SOLIDS	COLOR	OTHER	
001	None	None	Moderate	None	None	green		
		l	I	l	l			
SECTION	H: SLUDGE	DISPOSAL						
SLUDGE [	DISPOSAL ME	ETS PERMIT F	REQUIREMEN	ΓS		Øs □m □	U □NA □NE	
DETAILS:					•			
1. SLUDGE M	IANAGEMENT ADEQU	ATE TO MAINTAIN EF	FLUENT QUALITY:			⊠s □m	□U □NA □NE	
2. SLUDGE R	ECORDS MAINTAINED	O AS REQUIRED BY 40	) CFR 503:			⊠s □m	□U □NA □NE	
3. FOR LAND	APPLIED SLUDGE, TY	YPE OF LAND APPLIEI	D TO: (E.G., FOREST,	AGRICULTURAL, PUE	BLIC CONTACT SITE):			
SECTION	I: SAMPLIN	G INSPECTION	N PROCEDI	JRES				
SAMPLE F	RESULTS WITH	HIN PERMIT R	EQUIREMENT	S		□s □m □	U ⊠NA □NE	
DETAILS:								
1. SAMPLES	OBTAINED THIS INSPE	ECTION:				□Y	☑N □NA □NE	
2. TYPE OF S	SAMPLE: GRAB:_	COMPOSITE:_ N	METHOD: FREQUE	NCY:				
3. SAMPLES	PRESERVED:					□Y	□n ☑na □ne	
4. FLOW PRO	PORTIONED SAMPLE	S OBTAINED:				□Y	□n ☑na □ne	
5. SAMPLE C	BTAINED FROM FACIL	LITY'S SAMPLING DE\	/ICE:			□Y	□n ☑na □ne	
6. SAMPLE R	EPRESENTATIVE OF	VOLUME AND NATUR	E OF DISCHARGE:			□Y	□n Øna □ne	
7. SAMPLE S	PLIT WITH PERMITTER	E:				□Y	□n ☑na □ne	
8. CHAIN-OF-	CUSTODY PROCEDUI	RES EMPLOYED:				□Y	□n Øna □ne	
9. SAMPLES	COLLECTED IN ACCO	RDANCE WITH PERM	IT:			□Y	□N ØNA □NE	
SECTION	J: STORM V	<b>WATER POLL</b>	LUTION PRE	<b>/ENTION PLA</b>	AN			
	ATER MANAG	EMENT MEET	S PERMIT RE	QUIREMENTS		□s □m	U □NA □NE	
DETAILS:	see page 1							
1. SWPPP UF	PDATED AS NEEDED:	DATE OF LAST UP	DATE:			□Y	☑N □NA □NE	
2. SITE MAP	INCLUDING ALL DISCH	HARGES AND SURFAC	CE WATERS:			□Y	☑N □NA □NE	
3. POLLUTIO	N PREVENTION TEAM	I IDENTIFIED:				□Y	☑N □NA □NE	
4. POLLUTIO	4. POLLUTION PREVENTION TEAM PROPERLY TRAINED:							
5. LIST OF PO	5. LIST OF POTENTIAL POLLUTANT SOURCES:							
6. LIST OF PO	OTENTIAL SOURCES A	AND PAST SPILLS ANI	D LEAKS:			□Y	☑N □NA □NE	
7. ALL NON-S	STORM WATER DISCH	IARGES ARE AUTHOR	IZED:			□Y	☑N □NA □NE	
8. LIST OF S	8. LIST OF STRUCTURAL BMPS:   \[ \textstyle							
9. LIST OF N	ON-STRUCTURAL BMF	PS:				□Y	☑N □NA □NE	
10. BMPS PRO	PERLY OPERATED A	ND MAINTAINED:				□Y	☑N □NA □NE	
11. INSPECTION	ONS CONDUCTED AS I	REQUIRED:				□Y	☑N □NA □NE	

FLOW CALCULATION SHEET							
Date: <b>2/</b> 1	2/09	Time: 1	10:45				
Date. ZI	2/09	Tillie.	10.45				
Head in Ind	ches:	Fee	et: <b>0.3</b>				
	<u>'</u>	<u> </u>	<u> </u>				
Type & Siz	e of Primary F	Tow Measur	rement De	vice: 8	' weir with	n end c	contractions
	_						
Name & M	odel of Second	dary Flow M	<u>leasureme</u>	nt Dev	rice: Che	esselle	er 392
5							
Date of las	t Calibration of	f Secondary	/ Flow Dev	rice: 1	1-19-2008	3	
	El	T' 1 ' . ( .	1.01	0.00			
Recorded	Flow at Date &	I Ime Liste	d Above:	2.98			(Facility Flow Meter)
Coloulated	Flow at Data	0 Time a Linte	ما ۸م، دم	2.00	١٥		
	Flow at Date a steed using flow chart			2.80	_	ook-5 <sup>th</sup> I	=dition)
(1 low is calcula	ited using now chart	з III. <u>1000 оре</u>	II CHAIIIEI I IO	w weasur	ement nandi	<u> </u>	
a. =	Recorded V	alue - C	ue - Calculated Value				
% Error =	-						
		1 1					
		·					
% Error =	6.125	%					
Comments	: Less than	10 % is acc	<u>ceptable</u>				

#### **DMR Calculation Check**

Reporting Period: From 2008 Dec 01 To 2008 Dec 31
Year Month Day Year Month Day

Parameter Checked: BOD

Loading **Concentration** Mass **Monthly** Mo. Avg. - lbs/day Mo. Avg. - mg/l 7-day Avg. - mg/l **Reported Value:** <6.0 < 6.0 **Unable to** calculate **Calculated Value: Permit Value: 30** 45

If calculated value does not equal reported value, explain:

Does not equal. No lab data to calculate

APDES PERMIT FILE

NPDES # AROO 21

Correspondence Technical Backup

and but Date Scanned



September 23, 2008

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

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							
<b>Location:</b>	Location: MONTICELLO, CITY OF-EAST PLANT							
Photograph	ner:	John W	V. Lamb		Witness:	None		
Photo #	1	Of	2		Date:	02/12/09	Time:	11:23

**Description:** Trough at bar screen has holes in it.



Photographer:		ner:	John W	V. Lamb	Witness:	None	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 Insection

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. <u>Description & Cause-</u> 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. <u>Description & Cause-</u> No copies of Lab Data or Chain of Custodies, due to the fact that we never received them from McClelland Labs.
  - 2. <u>Period of Noncompliance-</u> 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. <u>Description & Cause-</u> 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

Doe Rogen

Company Name: Montilello Fast ford	Contact:
Address: City of Monticello	Telephone: (501) 367-4400
P. O. Box 505	and the second of the second o
_Monticello, Ar 71655	·
Date/Time Composite Taken: Ylaker Goo 201	
Date/Time Grab Taken: 8/12/60 600 500 8	s'oo Sampler:
Number of Containers: 2	
Sample ID/Location: Effluent	!
pH 787 Temp 252	DO 1.38
Flow	
Container Plastic/Glass of sample	Preservation Parameters
1 P 3hr (omposite	4°C BOD, TSS
_ 2 Thio grab	4°C Nasson FC.
3	
4	
5	
Relinquished By	Date/Time: 8/10/08 8:00
Received By:	Date/Time:
Relinquished By: FB	Date/Time: 8-12-<ε /4-3
Received By:	
Comments:	
pH calibration: actual/observed 7.00/7.00 Dissolved Oxygen calibration: Zero Full	533 % 1000 oo actual observed 50.00 Scale Elevation 235
	Scale Elevation ELLAND ling ers, Inc.
McCLE	ELLAND REPORT
TVI Enginee	ers, Inc.

Company Name: Morticello Fast ?	Pond contact:
Address: City of Monticello	Telephone: (501) 367-4400
P. O. Box 505	
Monticello, Ar 71655	
Date/Time Composite Taken: 1/13/01	600 200 800 Sampler: Chl.
Date/Time Grab Taken:	Sampler:
Number of Containers:	
Sample ID/Location: Effluent	
pH 7.65 Temp 2	
Flow	
·	Typo
Container Plastic/Glass of	Type Preservation Parameters
1 P 3hr (0	mposite 4°C BOD, TSS
2 Thio Caro	1
3	
4	•
5	
2 /2/1	
Relinquished Ky:	Date/Time: 8/13/-0 8:00
Received By:EB	Date/Time:
Relinquished By: FB	Date/Time: 9-(3-08 16:40)
Received By:	Date/Time:
Comments:	• •
pH calibration: actual/observed _ Dissolved Oxygen calibration: Zero	7.00 actual observed 1000 0.50
-100014ed Oxlden calibracion: Yelo	Full Scale Flevation 225
· · · · · · · · · · · · · · · · · · ·	
A Commence of the Commence of	McCLELLAND (1)

McCLELLAND
Consulting
Engineers, Inc.

Company Name: Month	cello East Hord	Contact:	
Address: City of Mont	icello	Telephone: (501)	367-4400
P. O. Box 505	5		
_Monticello, /	Ar 71655	•	į
Date/Time Composite 3	Taken: 600 700 800	8/14/or Sampler	l.h
Date/Time Grab Taken:	,	Sampler:	
Number of Containers:	<u>a</u>		
Sample ID/Location:	effluent	l	manan manan ja a a kanan ka kanan a
рн <u>7 8</u> У	Temp 26.5.	DO 2.55	. 4
Flow			•
· · · · · · · · · · · · · · · · · · ·	. Type		
Container Plasti	c/Glass of sample	Preservation p	arameters
<u> </u>	3 hr composite	4°C [	30D, TSS
2 MiD	expab	4°C Nas202	FC
3	<u> </u>		
4			
5			· .
			1// 256
Relinquished By		Date/Time: <u>8//</u> /	1/0/ 759
Received By:	EB	Date/Time:	
Relinquished By:	<u> </u>	Date/Time: <u>6-</u> /	4-08 14:30
Received By:		Date/Time:	<del></del>
Comments:			
· · · · · · · · · · · · · · · · · · ·			
pH calibration: actual Dissolved Oxygen calib	al/observed 700/7 oration: Zero 7 Ful	actual observed  1 Scale Elevation	1009 000 000 000 000 000 000 000 000 000
	McCL Consu Evilon to the Consu	ELLAND dling eers, Inc.	

Company Name: Mont	icello East 40	<u>xd</u>	Contact:	
Address: City of Mont	icello		Telephone:	(501) 367-4400
_P. O. Box 50	)5		<b>⇒</b>	
Monticello,	Ar 71655		•	1
Date/Time Composite	Taken: 9/2/08 6.	:00700 Y:00	Sampler:	Clel.
Date/Time Grab Taken	•		Sampler:	
Number of Containers	: 2		· .	
Sample ID/Location:		1 (March 1987 - No. 2017)	<del></del>	•
рн 8.84	4 - 4 - 4 - <u>4 - 4 - 4 - 4 - 4 - 4 - 4 -</u>		DO <u>3</u>	04
Flow	,			•
·				
Container Plast	ic/Glass of sa	mple P	reservation	Parameters
<u> </u>	3 hr (on1	Dosite	400.	BED, TSS
2 Thio	essal	) V)	4°C Nass	
3	0			
4				
5				
Relinquished By:	and the		_ Date/Time:	9/2/08 830
Received By:	EG		Date/Time:	
Relinquished By:	स्य		Date/Time:	A7-08 13130
Received By:			Date/Time:	
Comments:				-
pH calibration: actu Dissolved Oxygen cali	tal/observed	7.00	52.8 % actual obs	erved
presorved oxygen carr		∠ rull Scs	TIE N ETE.	vation
				RES NO M
		McCLELLAN	lD .	

McCLELLAND Consulting Engineers, Inc.

Company Name: Morticello Fast Pord	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: C/
Number of Containers:	•
Sample ID/Location: Effuent	
pH 7.33 Temp 11.4.	DO 337
Flow	
Container Plastic/Glass of sample	Preservation Parameters
1 P 3hr (ombosite	4°C BOD, TSS
· 2 Thio creat	4°C Nho503 FC
3	
4	
5	
Relinquished By Chil	Date/Time: 13/10/0/ 800 q
Received By:	Date/Time:
Relinquished By: tb	Date/Time: 12-16-08 13:45
Received By:	Date/Time:
Comments:	
<del></del>	
pH calibration: actual/observed 700700 Dissolved Oxygen calibration: Zero Full	o actual observed /0000 Scale Elevation 225
McCLEL Consulting The Engineer	LAND  THE LEB TO THE L

Company Name: Morticello Fast Pord	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: 12/11/0/ 730	Sampler: CN
Number of Containers: 2	
Sample ID/Location: Effuent	
pH 7.30 Temp 8.500	DO 408
Flow	
Type	
Container Plastic/Glass of sample	Preservation Parameters
1 P 3hr composite	4°C. BOD, TSS
2 This arab	4°C Nasson FC
3	
4	
5	
0//1/	
Relinquished By:	Date/Time: 13/11/06 830
Received By: 58	Date/Time:
Relinquished By: (b)	Date/Time: 12-11-c8 14:06
Received By:	Date/Time:
Comments:	
pH calibration: actual/observed 700 700 Dissolved Oxygen calibration: Zero Full	Scale Elevation 2005
Consulting Engineers	LAND ag s, Inc.

Address:	
	Telephone:
Date/Time Composite Taken:	Sampler:
Date/Time Grab Taken: 12-31-c8 8:46	Sampler: 🚜
Number of Containers:	
Sample ID/Location:	
pII 5.13 8:48	DO
Flow	
Container Plastic/Glass of sample	Preservation Parameters
1 Plastie	4°C TOS BOD, TOS CI- AIK
2 Plastic	4°C NAON COL
3 NP	4°C Harm. Nu 100 - That Dia
4	4°C HOLD NH2 POA TKN Pher
5 Gass	4C, HOG Metals
Relinquished By:	Date/Time:
Received By:	Date/Time:
Relinquished By:	
Received By:	Date/Time: (2-31-c8 2:36
Comments:	Date/Time:
	PER 16 2009
	AND FEED
pH calibration: actual/observed ?.cc/?. Dissolved Oxygen calibration: zeroFu	97.3 actual observed /c.c3

company Name: Monticello Fast Pord	Contact:
Address: City of Monticello	Telephone: (501) 367-4400
P. O. Box 505	
Monticello, Ar 71655	
Date/Time Composite Taken: 600 700 200	12/32/08 Sampler: CA
Date/Time Grab Taken:	Sampler:
Number of Containers: 2	
sample ID/Location: Effluent	
pH 7.23 Temp 10.1 °C	DO 3-1
Flow	·
Container Plastic/Glass of sample	Preservation Parameters
1 P 3hr composite	4°C BOD, TSS
2 Thio exab	4°C Nhoros FC
3	
4	
5	
Relinquished By:	Date/Time: 12/39/08 900
Received By:	Date/Time:
Relinquished By:	Date/Time: 12-3<-08 1/350+1
Received By:	Date/Time: PR 2019
Comments:	Date/Time: FEB 16 2009
·	
	By
pH calibration: actual/observed 7.	53.9 % 10.00 10.00

McCLELLAND Consulting Engineers, Inc.

company Name: Montilello Fast 4000	Contact:
Address: City of Monticello	Telephone: (501) 367-4400
P. O. Box 505	
Monticello, Ar 71655	· <del>-</del>
Date/Time Composite Taken: 12/31/01 600 )	00 800 Sampler: CK
Date/Time Grab Taken:	Sampler:
Number of Containers:	•
Sample ID/Location: Effuent	!
PH 7.45 Temp 84	DO 4.04
Flow	
Container Plastic/Glass   Type   of sample	Preservation Parameters
1 P 3 hr (ombosit	e 4°C. BCD, TSS
2 This casab	4°C Nh3503 FC
3	V CAD LO
4	
5	ð
Relinquished By	Date/Time: 12/31/01 845
Received By:	Date/Time:
Relinquished By: 53	Date/Time: 12-31-cs 12:36
Received By:	Date/Time:
Comments:	• .
	· • •
pH calibration: actual/observed	700 actual observed 10.00 all Scale Elevation 25
	TED WE COME TO SERVICE OF THE SERVIC
Mc Mc	CLELLAND Sulling Insers, Inc.
Con Engl	Ineers, Inc.

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>	Result	Date/Time Analyzed	<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	<b>72</b> .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
Wet Chemistry	Units	Result	Date/Time Analyzed	Batch	Method
% 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
рН	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



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>	Result	Date/Time Analyzed	<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
14/-4 Ob					
Wet Chemistry	<u>Units</u>	<u>Result</u>	Date/Time Analyzed	<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
рН	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



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

		Wet Chemistry Ba	tch: A805009 (Soil)			<del></del>
	Prepared: 01	-May-08 10:50 By: SB -	- Analyzed: 01-May-08 10:	50 By: SB		
Analyte	<u>BLK</u>	LCS / LCSD	MS/MSD	<u>Dup</u>	RPD	Qualifiers
Ammonia as N	<50.0 mg/kg wel	110% / NA	85.8% / 92.1%		7.01%	D
		Wet Chemistry Ba	tch: A805011 (Soil)			
	Prepared: 01	-May-08 10:54 By: SB -	Analyzed: 01-May-08 10:	54 By: SB	_	
<u>Analyte</u> TKN	<u>BLK</u> <50.0 mg/kg wel	<u>LCS / LCSD</u> 87.3% / NA	<u>MS / MSD</u> 83.5% / 86.2%	<u>Dup</u>	<u>RPD</u> 2.86%	Qualifiers
	Prepared: 01	Wet Chemistry Ba -May-08 16:05 By: AT -	tch: A805014 (Soil) - Analyzed: 01-May-08 16:	05 By: AT		<del></del>
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
θΗ	NA	100% / 100%	NA / NA		0.143%	
	Prepared: 02	Wet Chemistry Ba -May-08 08:51 By: AP -	tch: A805016 (Soil) Analyzed: 02-May-08 08:	51 Bv: AP		
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
otal Solids	NA	NA / NA	NA / NA	83.8 % by WT	0.238%	Gladiffers
	Depende 00	Wet Chemistry Ba	, ,			
			Analyzed: 02-May-08 09:0			
A <u>nalyte</u> % Volatile Solids	BLK	LCS/LCSD	MS/MSD	<u>Dup</u>	RPD	Qualifiers
· Volatile Solids	NA	NA / NA	NA / NA	6.92%	6.92%	
	Prepared: 05-	Total Metals Bato May-08 08:30 By: TT	ch: A805049 (Soil) Analyzed: 06-May-08 13:0	98 Bv: ZZZ		
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Arsenic	<2.50 mg/kg wel	114% / NA	118% / 122%	<del></del>	2.53%	
0-1-1		,,			,-	

Analyte	BLK	LCS/L	.CSD	MS / MS	SD C	Dup	RPD	Qualifiers
Arsenic	<2.50 mg/kg wel	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% 1	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 wel	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 wel	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%	

Arkansas Analytica

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)

Arkonsas Analyt

Qualifiers

Prepared: 06-May-08 09:00 By: TT - Analyzed: 06-May-08 14:05 By: TT **Analyte** LCS / LCSD MS/MSD <u>Dup</u> **RPD** Mercury <0.250 mg/kg wet 90.0% / 110% 90.4% 1 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





Amber Bussell McClelland Consulting Engineers, Inc. P.O. Box 34087

P.O. Box 34087 Little Rock, AR 72201-40! Project: Monticello Soil S Date Received: 28-Apr-08 14:54

CHAIN OF CUSTODY FORM(S)

# 11701 Interstate 30, Baldy, 7, 318, 115 Little Rock, AR 72209 PHONE: 501-455-3223 FAX: 501-455-8118 CHAIN OF CUSTODY RECORD

CLIENT INFOR	MATION	BRUNG		Mineral Cold	edicassing	سنتوت	Montice)	oremption.	j †watikani i po	10000						مهجين سن		-
McCbilland Con	sulting Engireers	McClettend Cons	citing	ÉASI	18813	1		14:3	and the second s	<u></u>		-		Part	#41 a [4]	ia Lad⊋s:	- 	
1311 W 2nd St	Control of the Contro	P.O. Box 34087			,			putoremagicus 11-5	74 Mov				oki tyjii ide					Commission in the
Little Rock, AR	72201	Little Rock, AR	1270)	-1567			7074 MI-378-3		13 - E.V.	<b>Æ</b>			स्कृति इसे व	3		Misson Misson		
			<del></del>	- estimates		SAT.	\$01-374-4		~	35 319	h Aci	-	1.114.1	********	-	بونواليخ. يَثَارُ <u>مدينتين</u>	ita in which	। <sup>केळ</sup> लेंद्रास रः
Attn: Kim Can	1125						oP.0.2		Found (FDsy)	1			31	PARA	. K 5 1	<b>ERS</b>	·····	- 1 at last
					-				Enter 1000	- P	4		-	-	<u> </u>		<del></del>	j : 3.0 >-
ampter(a) Sign	Nature		Sen	pin (a	i Prir	ind				Verlan, Park	Chi can the san		The second secon	Carried State Commence		THE REPORT OF THE PROPERTY OF	- Commission of the Commission	Arkans Arabitos Oros: No
field	Sample Co	ALECTION	4				100	1ample		19. 19. v	ð,		4	Western Property and Property a			1	100 M
Humber	Date's	Tange	<b>₩</b>		¥	2000 1920	mater	FICATION DES	et Sau Branch.	Valable V. 1 K.P.	2			100			i marije	Military.
	4-17-05	· · · · · · · · · · · · · · · · · · ·	X		1		-					-	-l	أحنا				1
	4-17-08		Ϋ́					# Montic		X.	X					i		64347
	11-12		<u>, , , , , , , , , , , , , , , , , , , </u>	<u></u>	<u> </u>	Sch	Person France	as Minte	ilo 8	X	X		ļ	-	i	•		1
											•		. ~	Α.	}		•	ļ
	·								`			•	<del>`</del>	- 1				}
	T											1	-			*	į	
	-											•					ş	į
			-															
<u>-</u>		-							out.	i	•		1			Į	. —	<del> </del>
		1						A STATE OF THE PARTY OF THE PAR		_1			-		-			<u></u>
ESCANO.				-1			·			<u> </u>				ì	_			1
		\ <u>t</u>					-	· · · · · · · · · · · · · · · · · · ·				i		-			ĺ	5
				1		_ }						ļ			-		}	<del>}</del>
-	1000	-	1	Element .	7	7					-			<b></b> .		<del>- }</del>	٠.	<u> </u>
-	i			. 3			<del></del>			1			↓ .			ļ		•
of the best of the	-						-	<del></del>		·					1 videoda			
and the state of the later of t	Parket D	de lices	þ	Acre	tred b	(19 <u>0</u>	गुरुप्त	MARTEC	adiro upin so	CFIP4	Bilds	j		DF 14	1044	SAMPL	**************	
	4							E CASTOSTALA	437	-		Market	/sl. a					
			Ĩ						-	100	i	No.	LM	MO	P	vijud	<u> + 5</u>	ample
	1		-				:	z contareas c	(MBLC,	. Fee		41	Lid	Ú. Dr.	Y .	Pin Di	r Ku	Stil.
······································		72.00		-				COCYABELS AS	KEE:	i tes	ı	Ja .	3.7	50	a .	(4)	<u></u>	Didde_
Heavished by	imanus be	<b>家</b> 尼河	H	Ances	क्षा के	 DA 18	istrian et		-	į.			- 2	الم المنطقة		Z	*	
in feet		4-28-08		الكنديبين	- m.35		CANCIA 2	e onese production		. st	,	n;				······································		
استحبره	· V		a de la companya de l	4		. سر		s frécésésona	.t	}= _`````}*\$¶	31	. I						
1-04 -04		1484	ł	<i>j</i>	1,74	۱۳۰۸ د قال	ζ <b>ά</b> .	a temperatura		- 5.15		į				*,,*******		<u> </u>
にえの「0ほ」	1°4" 513 1					:												



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,

Norma James President

This document is intended only for the use of the person(s) to whom it is expressly addressed. This document may contain information that is confidential and legally privileged. If you are not the intended recipient, you are notified that any disclosure, distribution, or copying of this document is strictly prohibited. If you have received this document in error, please destroy.



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

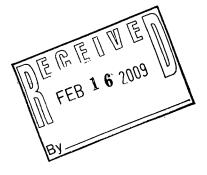


		Total Metals			
	Batch: A804087	(Water); Prepared: 07-	Apr-08 11:00		
	<u>Blank</u>	LCS	<u>MS</u>	MSD/RPD	
Arsenic	< 0.050 mg/L	98.4 %	96.3 %	97.5 % / 1.22	
Cadmiym	< 0.001 mg/L	95.3 %	95.6 %	95.0 % / 0.565	
Chromium	< 0.010 mg/L	87.4 %	86.7 %	87.0 % / 0.403	
Copper	< 0.005 mg/L	95.3 %	91.5 %	88.6 % / 3.25	
Lead	< 0.015 mg/L	91.9 %	92.8 %	93.5 % / 0.752	
<b>N</b> ickel	< 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		
	Blank	LCS	<u>MS</u>	MSD/RPD	
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: Sample Name: Date/Time Collected: Sample Matrix:		0804039-01 Monticello East Influe 3/31/08 0:00 Water	nt		
<u>Total Metals</u>	<u>Units</u>	Result	Date/Time Analyzed	<u>Batch</u>	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	<u>Units</u>	Result	Date/Time Analyzed	<u>Batch</u>	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,

Norma James

Norma Jan President

DEGE 1 1 E DE PEB 1 6 2009 DE BY



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)

Arkonsas Analytical 2

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

## CHAIN OF CUSTODY RECORD

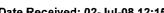
CLIENT INFO	RMATION	BILLING		*******		7	Project De	scription	Ternaround Time	-	***************************************		Umar	ارد در د		; <del>22.42.22</del>		were were
Married Anna State	sulting Engineers	The second secon	ultino	Forin	P/GFE	1	Mentic					. A	1 FC3	erratio				4
1311 W 2nd S	The second lives and the second lives are as a second live as a second lives are a second	P.O. Box 34087		3:3(")	-W10	+	Reporting In		24 Heijr		Degrees Cent	7. 5	_				Merinahan	"
Little Rock, Al		Little Rock, AR	2201-	40R7		Teler	noporang in		48 Mcur		ic Acid ()1,50°,)	e li	2		3	A Blark AT	<b>CHED</b>	//
		Towns septimized a	22174	1001		1		<del></del>		3. Nitrie	Acid (HNO <sub>A</sub> )						e (ZgC)) I <sub>h</sub> pl	وبمحاوضه
Atto: Kim Ca	rman					FAA:	501-176-467 DP.O. #:	1	Routee (5 Day)		- Colon princers		PARA	MET	ERV		حسيس سيد	Typi Coor
	-				******	Dia o	ur .O. W.		Anservative Code:	1,3 P	·		ļ	<b> </b>			`G	u. P.o Plani
			T	1444				Min I	Pong Type	<del></del>		, ,	<u>.</u>	-		1		ng A + And
										Po. 150, 18, Ag 7,						I	<sup>2</sup> G	٠ د
	ŧ		1			•		i		2						Va	5 1	D D Dases
Sample del ét.	أستست							•		2		,			li	1	Anaha	ical Ayo
Sampler(s) Sk			Sam	plens	) Prin	ted games	, , , , , , , , , , , , , , , , , , ,	Harbari					1			\	Onto	Mante
Floid	SAMPLE (	COLLECTION			hesse			SAMPLE	, , , , , , , , , , , , , , , , , , , ,	3								
Number	Date/s	Time/s	GOL	Core	ď	Semple Makin	DENTH	FICATION DE	SCRIPTION.	0.000		ì				1	Thon	خام حدًّا
	3/31/08			7	1	W			OOTHE HOLE		-		-		Ļ		1080	4039
	3/31/08	1	-	$\overline{}$	-		Monticello Eas		•	Х.	**: 'AS':   1 BARLUSTUR	1						0
NAME OF STREET	-		-			₩	Monticello Sas	t Effluent		X	ne sugerierne		<u> </u>	}				02
<del></del>	3/31/00			٧		W	Monticeto We	st lalivent		х		Ę			:			03
	3/31/08			1	1	W	Morticeto We	st Effluent.		Х	***	: 1	1					04
								1	yan ka yili i	···!		+	<del> </del>		}	<u>i</u>	<del></del>	UT
				-								<del></del>	ļ		<del></del>			) <del>المراجعة المحاد</del>
***************************************									,			1						
						<u> </u>							1			1		
-									, -			1		April 1				
													-	1		+	-	
								1				<del></del>	-		1			-
Marie de la companya del companya de la companya del companya de la companya de l				<del></del>						*****		<u> </u>	-					
	<del></del>		<b>  </b>					} }			1 1			i		ţ		-
								1				I			ţ	ĺ		<del></del>
Rojessished by	: (Signature)	Dajo/fimg		2. Rec	elwed h	wi isv	(nature)	SAMPLE	CONDITION UPON R	Course.	i e			<b>44 0 5</b> 255	-			بحجا
	1					-1-15-5	·				- COLUMN	7 [	RE	MARKS	SAM	PLE CO	MMENTS	<del></del>
Bear fly	11-		Î					I. CUSTODY S	EVT2:	✓_Yes .	No	•			***			
secon per	7	413108	,		,	_		2 CONTAINER	S CORRECT:	Yes	No							
		10:0	12	,			i	O COCALABELI	s acoes.	1		Ĭ				******		
Retrouished by	: (Signature)	Date-Time		7	<del>1414</del>	-			•	Yes	Г	11		*******				<del></del>
		WHALL I FILE	1	Hec	enved b	7 3P.	(Slonatura)	h. Päeservat	DON COMPRESD	Yes	No	- [	T-24-	-	Patri 1, 1, 1, 1, 1, 1	-		
				Sal	un,	d		5. RECEIVED C	MICE:	Yes .	No							
				7	1	J		a. Temperati	IRE ON RECEIPT		[	Ţ	<del>0701:10</del> 1-7					
	,		1	Ų	ر ران	, M	6			-	<del></del> }	Ť			-		· · · · · · · · · · · · · · · · · · ·	<del>,</del>
		bear and the second	<u>1</u>		47		f	1 i FO	R COMPLETION BY L	A ONLY	i	, \$						

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**

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

Total Metals	<u>Units</u>	Result	Date/Time Analyzed	<u>Batch</u>	Method
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
Wet Chemistry	<u>Units</u>	Result	Date/Time Analyzed	<u>Batch</u>	Method
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**

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

Water Sample Matrix:

**Total Metals** Date/Time Analyzed Method Units: Result · <u>Batch</u> Arsenic mg/L < 0.050 7/8/08 14:46 A807064 200.7 A807064 Cadmium mg/L < 0.005 200.7 7/8/08 14:49 Chromium 200.7 mg/L < 0.020 7/8/08 14:48 A807064 Copper mg/L 0.043 7/8/08 14:47 A807064 200.7 Lead A807064 200.7 mg/L < 0.015 7/8/08 14:49 245.1/7470A Mercury mg/L < 0.0002 7/8/08 14:45 A807092 A807064 200.7 Nickel mg/L < 0.010 7/8/08 14:48 -Silver A807064 200.7 < 0.020 -mg/L 7/8/08 14:47 200.7 A807064 Zinc mg/L 0.052 7/8/08 14:48 Wet Chemistry Units Result Date/Time Analyzed Batch 8 8 1 <u>Method</u> Cyanide (total) A807105 4500-CN E/9014 mg/L < 0.020 7/9/08 14:46 4500-Norg C 7/8/08 15:01 A807063 TKN mg/L 4.52

Arkansas Analytica

This report must be reproduced in its entirety.

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



JALITY CONTROL RESULTS		Wet Chemistry			
	Batch: A807063	3 (Water); Prepared: 07-	Jul-08 09:40		
	Blank	<u>LCS</u>	<u>MS</u>	MSD/RPD	
TKN	< 0.50 mg/L	102 %	* MBA-	* MBA-	
	Batch: A807064	Total Metals 4 (Water); Prepared: 07-	Jul-08 09:30		
	<u>Blank</u>	<u>LCS</u>	<u>MS</u>	MSD/RPD	
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	
	Batch: A807092	Total Metals 2 (Water); Prepared: 08-	Jul-08 10:22		
	<u>Blank</u>	LCS	MS	MSD/RPD	
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>	MSD/RPD	
Cyanide (total)	< 0.020 mg/L	95.0 %	94.7 %	94.7 % YO.00	
			DE C	16 2009	
		,	IN FEB		
			M		



11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209 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,

Norma James President

This document is intended only for the use of the person(s) to whom it is expressly addressed. This document may contain information that is confidential and legally privileged. If you are not the intended recipient, you are notified that any disclosure, distribution, or copying of this document is strictly prohibited. If you have received this document in error, please destroy.

DE GE 10 E BY FEB 16 2009

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

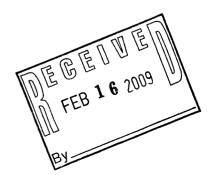
All Analysis performed according to EPA approved methodology when available:

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.

Reviewed by:

Norma James

President



Arkansas Analytic



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

10 July 2008

Date Received: 02-Jul-08 12:15 CHAIN OF CUSTODY FORM(S)

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

# CHAIN OF CUSTODY RECORD

LIENT INFOR	MATION	BILLING	-	-			Project Do:	eription	Turnament Time		*			Pres	servaji.	n Code	\$1		
AcCielland Con	sulling Englisors	McClesand Const	ding (	ngino	ere		Monlic	ello .	24 / Your	I. Cou	4 Digit	es Cent	1		1	i. Thio	uliye fe	Derbige	ipadas
311 W 2nd St.		P.O. Box 34087					Reporting in	formation	48 Acur	a, delle	ırlı Add	زمديه	الاو	2		S. Hydr	opanis.	<u>Acideliki</u>	)
ittle Rock, AR	72201	Little Rock, AR 7	2203-4	087		Toigat	ane: SUT-JTV-TB/	•	72 Hour	1, Nier	e Acid (I	Cro.i.p	i e			A Soft	m tiydia	asto (XaC	16. pol > 13
						FAX	501-376-487	†	Routes to Day		7	TES	Ť Į	PARA	MET	ERS			Name Topy Clar
utn: Kim Carr	nan.	2				Bill to	P.O. Ř		Presonative Code:	1,3			1			- 330est-ton			G-Ciax I-Hips
			-			<u> </u>			Bette Type	P			1 1		<u> </u>				· Farm, A · Ante
Exc ample r(s) Sign	matura (		Зап	pier(s)			i Bentha			2 2 2 2 2 2 2 2 2 2 2 2	٦	×	e de la composition						Arkansas Jahtical Woo
Field Number	SAMPLE ( Date/s	COLLECTION	เคย	Comp	Avraber Of Biothers		IDENTI	SAMPLE FICATION/ DE	SCRIPTION	3	TKF	V							809043
	6-35 KA 6-36	osoto vso		7	3		Mondonio Ear	The second second		Х	Y	X	T	-	1				201
	635	n/30	1	-	3		Monticello Ear			-X	X	X	11	i .	·		-		
		UNDO 60 0300			3		Monsicolio We				×	-: }	11	+	***************************************		- RE-TRUE		1-02
****	625	A			3				<u> </u>	<u> X</u>	·rancoin	$\Delta$			TO DESCRIPTION	1			1.03
	6.7.7	1030	-	$\vdash \vdash$	U	W	Monticello We	SI EMUSIY		X	X.	۷.	4	-	-	1			<del>-</del> /&
		\$19.1							· · · · · · · · · · · · · · · · · · ·	Seattle Control	يند معدد		! [	<del> </del>	1	Tr. 2017 1025,	,		
	<del></del>			<del>- 100-100</del>	-			227407447444444		<del>R- yo kay</del> a				JE POPENAL					. \
				٠						1700		1		***************************************					•
ن بوزوه تند													1	1					
								1			******			1					
						***************************************		1	*			Ì	+	halifaren mar	Participanism.	ton were			
										3444 A.J.				erriginaniscen E	erani.				
									***	77-102-101-1			7	***************************************					
المرجيس منافعت				أخجيا	Ų,			<b>u</b> - 1			-		-			ļ.,., <u>Ī</u>			
Reinquished by	r (Slanature)	Parke/Time:		2. Rec	ched	w. (Sh	natura)	5AMPLE	CONDITION UPON R	ECEP	IN LAB		11	RE	MARK	3 / SAI	MPLE (	OMME	NTS.
	1					محبيي		a. Custoors	EALS:	Ye.	ب ا	i. ]					•		
				Name of Street				Z CONTAINER					T	<del>1400144144</del>		***************************************			<del></del>
<b></b>								a cocmatra	•		·		Tt					* <del>**********</del>	CONTRACTOR OF THE STATE OF THE
Actensished by	- 182		-									r	131			************			
· · · · · · · · · · · · · · · · · · ·	THE STREET	Chieffen		1. 2005)	enred i	er Dabe.	(Bignativo)	* PRESERVAT	ION CONFIRMED.	Ye	السيدا	io F	÷	********	a de tau a como de la	**************************************	<del></del>	parai, jiru	
10.1	187 Jan	م با ذاء		W	1	٨.		2 RECEIVED C	nice:				1			-	<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>	<del></del>	
Fax	(1) dise	7.2.08		11	M	المرب		5 TEMPERATU	RE CH RECEIPT	2.	UIC		:					,	
	ı	1				Ę	Ji .	t n	COMPLETION BY L	CÓ DAI			П		<del>-1. (4.14-),</del>	<del>reicht der er e</del>	works.		

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	<u>Units</u>	Result	Date/Time Analyzed	<u>Batch</u>	<u>Method</u>
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 Cyanide (total)	<u>Units</u> _ mg/L	<u>Result</u> <b>0.041</b>	Date/Time Analyzed 10/10/08 11:12	<u>Batch</u> A810121	Method 4500-CN E/9014

Arkonsos Analytica

### **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	<u>Dup</u>	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 Qual	ifiers
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

BLK MS / MSD Qualifiers **Analyte** LCS / LCSD <0.020 mg/L Cyanide (total) 97.0% / NA 90.7% 1 92.3%

This report in this be reproduced in its entirety.

Page 2 of 3

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.

Reviewed by: \_\_\_

Norma James President

DE GE TO 2009

BY

BY

Arkansas Analytic



Arkonsos Analytical Inc.

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

### CHAIN OF CUSTODY RECORD

LIENTINFOR	MATION	BILLING					Project Dasc	ription	Tuma	would flow					i Preserva	tion Codes:		
		McClelland Consu	tine E	nainee	:3		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			i4 Hour	l. Csol	4 Degre	res Česti	gradie	E. This relian for Dechicon and ca			
		P.O. Sox 34087					Reporting Info	mation		(8 Hour	2. Sulfu	ri: Aeit	(H,50)	SH S				
311 W 2nd St		Little Rock, AR 72	203-4	087	1	dephi	ne: 501-378-7803		7	12 Hour	3. Nied	c Acid (i	ENO <sub>s</sub> i, p	H < 1		6. Sadian	Hydrozija (	140E 14 > 13
ittie Rock, AR	( 1220)	Citiz (toos) (5) 3 12				AX:	511-375-4677	1	Ray	ine (© Day)			TES	T P	ARAM	TERS	7	Best Tipe Cod
Com				<del></del>		Sili to/	P.O. #.		Fresi	raire Code:	U	1.3		1				V-Garage Par
ıtın: Kim Can	, itali									Scrie Type:	P	P				1973		V. Constitution
Sampler(s) Sig	naturo	~	i		() Y Printe		Suchar	, A SCHOOL PART		- part of the same	vanide	Metals	:		X10-515-52-11012-5-5-12-12-12-12-12-12-12-12-12-12-12-12-12-	TENTE TO SUCCESSION AND AND AND AND AND AND AND AND AND AN	CONTRACTOR OF THE PROPERTY OF	Arkersa Analytical Wid Order Numb
Field	SAMPLE C	OLLECTION		·	HUC:OF			SAMPL	Ξ,		>	~		:				Î
Num ber	Date's	Time/s	Gan	Corro	o! 300385	Service Matrix	IDENTIF	CATION	DESCRIPT	NON				;				08/016
11011104	1101/08			V	7		Mohicile	o Fast	Trilly	سلماه و	X	X				The state of the s		-01
	10/10/1	1					1 41111111		<u> </u>	1	1	7.7.					<u> </u>	1
				-				<del></del>	<del></del>						-	- 4		<del> </del>
								<del></del>										<del> </del>
								<del> </del>								š		
																AL .		
									***********							1 1	$\neg$	1
	<u> </u>		ļ													+ +		+
			ļ															<u> </u>
										-	-	ru—4.000/						ľ
				<u>'</u>	1			;							-			
			1															-
		1	+-	ļ	-				·			V				+		-
		<u> </u>		<u> </u>				-			<u> </u>					سلسبسا		1
1. Relizquished	by: (Signatize)	Date/Time		2. Fe	elred l	ης: (Sō	<u> </u>	SAU	PLE CONDI	TON UPON I	CECEIP1	Tay LAE		;	REMAG	KS/SAM	PLE COM	MENTS
$\overline{\wedge}$	,	10/3/00						t. CUSTOD	Y SEALS:		1/Ye	9	No					
X have	Auch	173100				فيعميند		a ederánia	iers corr				i				<del></del>	·
Mano	) Carlon	14:30		l	a.co.	-						·	1	1	<del>.</del>			
		111.2			· ·			3, COCALAB	iëls agrei	5.	-Ye.	s	No §					
3. Relismuished	hv: (Signature)	Daie/Time	A. C.	4. Re	celved l	by lab!	(Sienaturo)	1. PRESER	VATION CO	NARMED	Ye	s	No					
y					1			s. Receive	eo ówles-		l l						, 40000	
	<u>_</u>		1		,_	ſ	<b>.</b>	1 :			3.5				· · · · · · · · · · · · · · · · · · ·			
	\ /	1	مريا منادسي			. Í	A inon	5. TEMPER	ature on	KECEIPT:	<u>د بارج</u>	ب ب		******	·		4.00	



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,

Norma James

President

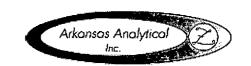
DECETIVE BY FEB 16 2009

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
Calcium
Magnesium
Sodium

<u>Units</u> Result 1 mg/L 7.05 mg/L 2.91 47.4 mg/L

Date/Time Analyzed 4/7/08 20:26 4/7/08 20:26 4/7/08 20:30

<u>Batch</u> A804087 A804087 A804087 **Method** 200.7 200.7 200.7

Wet Chemistry Specific Conductance (EC)

Units uS/cm Result 19500

Date/Time Analyzed 4/10/08 11:30

Batch A804147 Method 120.1

### **QUALITY CONTROL RESULTS**

Batch: A804087 (Water): Prepared: 07-Apr-08 11:00	Total Metals	
Patentine ite: (trately) i repared to the colorest	Batch: A804087 (Water); Prepared: 07-Apr-08 11:00	E

		` "	•		
	<u>Blank</u>	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

President

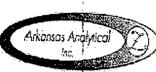
TEB162009

14 April '2008

Arkansas Analytical

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 Interstate 30, Bldg. 1, Ste. 115 Little Rock, AR 72209

Little Rock, AR 72209 PHONE: 501-455-3233 FAX: 501-455-6118

## **CHAIN OF CUSTODY RECORD**

CLIENT INFOR	RMATION	BILLING		ins processing	T	بنجينة	Project Desc	ription	7	umwound Time			elarinin)	***	Pre	servati	n Code	<b>1</b>		THE SALL SALES
McClelland Cor	nsulling Engineers	McClelland Cons	sulling E	ngineer	3	, 200	Morricello in	rigalion		24 Hora	i. Coal	4 Degre	es Cent	grade		-	L This	raliate f	or Deeh)	udaeton
1311 W 2nd S	t.	P.O. Box 34087			T		Reporting Info	ormation		43 Hour	2. Salfi	ric Acid	(H.SO.)	) 	1		ā. Hydroctāgais Asissallīcij			
Little Rock, Al	R 72201	Lette Rock, AR	72203-4	C87	-	Tatophone: 501-378-7803				I Ninte add (IINC			* 1 1			6. Sodiata Highwalde (NaOH), pH > 1.				
	,	7.2.101.13804.1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		FAX: 501-376-4677			Routes (5 Day)			TES	71	PAR	AME.			Ricac Type Code			
Attn: Kim Car	rman					ill to	P.O. #:		1	raseria) ia Codec	1,3	1,3		11	***************************************	1	1			G-Gbs P-Pbs
			-		J	اللادنة ا				Bette Typo:	P	υP		, 1						V = Septem_A = Ant
Sampler(s) Sig	gnatures		Samo	iler(s) F	'rinte	ď					ity	. 20		en en en en en en en en			TITE BELLEVIEW OF THE PARTY OF			Arkansas Anatyricat We Order Numbe
Field		CLLECTION					reconstruction with many the second or section	SAMP			Conductivity	Ce, Mg, Ne				<del>*************************************</del>				Older Handoe
Number	Datols	Timels .	-	Cone 0	citas i	Anca Vairs	IDENTIFI	CATION	DESCR	IPTION:	ប្	ပီ			<u> </u>					0804037
	3127108	****	X		2	w j	Monticello Imiga	tion !			х	х	ĺ	/		1				01
		<u> </u>						1						$\overline{\mathbf{x}}$		11				***************************************
								T.		***************************************				11	Ť					
		7			7				-			10		_0	<del>%</del>	<del> </del>	4		1	
				-	+	<b>-</b> ⊪					190 <u>1</u>	V.	بركو	++	9	ļ		1		
*****			-		+			:		and a second				<u> </u>			<u> </u>	THE COUNTY		
	<u> </u>						· · · · · · · · · · · · · · · · · · ·	,					V			8	>	1	$\langle \rangle$	
4								.				Ì		1	7/6	~	<b>Y</b> /	25	/	
										10/0/2000			*>	÷)	XV		10			
		<del> </del>			一十	1	**************************************		······					-	1	20	9/			
· · · · · · · · · · · · · · · · · · ·		<del></del>				-								· 1	-	1				
	1			_	_	_	·	; 	· · · · · · · · · · · · · · · · · · ·					•		_				
												į		1						
								1					~*************************************	-	1	Journal .				17.00
Relinqueshed by	v: (Slugáture)	Date Time		Recei									Y	-	ــــــــــــــــــــــــــــــــــــــ			er kirkilar.	2.254.0	
_			ľ		ZVEL	13140	interior i	i OMIn	PEE GUN	DITION UPON R	-	-	*****	+ <u> </u>	RE	MARK	8/8A	MPLE	COMA	ENTS
L. 1	-							i, custon	iy seals	;	- Y	ن_ ،	io [	11						
the R	18	413108						Z. CONTAN	ERS CO	RRECT:	Ye	السندة	io I	\$ F						
	<i>y</i>	10:0	8 J					I. COCALAR	SELS AGE		1	·	li li	1				·	++	*****
Relinguished by	: (Signature)	Date/Time		Dane.		10 <b>1</b> 10 AP	S. Contraction of the Contractio	Ì			ſ		ſ	H	******	-	···			
11,000			/ F	- Indepty	en ni	iab: 13	ilunaturo)	PRESER	vanen (	CONFIGNED:	1	اـــــــــــــــــــــــــــــــــــــ	1	<u> </u>						·
			2	Sydi	ш	!		i. Receive	D ONICE	ŧ.,,	1 ye	h		} • • • •						
ſ			ı	- ( )	1.			Teyper	ATURE 0	N RECEIPT:		-	-							
				· · ·	dow	~~>			FOR CO	MPLETION BY L	AD ON	Y		1 !				***************************************		*****



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,

Norma James

President

REELINE 2009

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**

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

**Total Metals Units** Result Date/Time Analyzed <u>Batch</u> <u>Method</u> Calcium mg/L 9.20 5/2/08 13:33 A805019 200.7 3.41 5/2/08 14:37 A805019 200.7 Magnesium mg/L 5/2/08 14:44 A805019 200.7 42.8 Sodium mg/L <u>Method</u> Wet Chemistry Units Result Date/Time Analyzed <u>Batch</u> Specific Conductance (EC) 5/5/08 14:10 A805042 120.1 uS/cm 342

•		Total Metals		
	Batch: A805019	(Water); Prepared: 02-N	1ay-08 11:14	
	<u>Blank</u>	<u>LCS</u>	<u>MS</u>	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

Batch: A805042 (Water); Prepared: 02-May-08 11:30 Blank <u>LCS</u> 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

Arkonsos Analytica

Amber Bussell McClelland Consulting Engineers, Inc.

Date Received: 28-Apr-08 14:54

P.O. Box 34087 Little Rock, AR 72201-4087 Project: Monticello Irrigation

06 May 2008

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 INFOR	MATION	BILLING					Project Dosc	ription	Terrateund-Time			*****	Ţ.	Prei	erratio	n Code		
McCtelland Con	sulting Engineers	McClekand Cons	ulting E	ngine	ers		Monticello Irr	galign	2× Hout	I. Cert	4 Depr	es Cezil	rade					echierinados.
311 W 2nd St		P.O. Box 34087					Reporting Info	mation	40 Hout	2. 344	eis Asid	رنحان	p11 * 1	;		1 '	cebrate A	
ittis Rock, AF		Lillie Rock, AR	72203-4	1087		e och	elechanic 501-378-7808		72 Hous	72 Hous G. Nitrit Acid (I		ad (BNOA pH < 1			- X. ( ) ( )	6. Sadium Hydroxide (Nad)HL pH > 1.		
and the second second second second						FAX	501-376-4877	]	Routine (5 Day)			TES	7 5	ARA	MET	ERS		Beille Type C
tin: Kim Car	man	-	· · · ·			Bill to	/P.O.#:		Presorvative Code		1,3							G=Gless P • P
									East ettes	Р	P	٤	1 !	<b></b>	<b> </b>	-		V = Septem A + s
iamplo n's) Siç	inature:	Miles Communication and the Communication of the Co	Sam	oler(s)	Prim	ted				Conductivity	Ca, Mg, Na							Arkansa Anahocal V Order Num
Field	SAMPLE (	COLLECTION			A) VILIQUE			SAMP		ğ	, <b>X</b>		4					
Number	Date/s	Timers	ರ್ಷವ	Comp	(vySes	Skep a Murk	IDENTIF	CATION	DESCRIPTION	<u>  ŏ</u>	<u> </u>				<u></u>			
	4-24-08		X		7	W	Monlicello Iniga	tion l		Х	Х			1			•	14348
	4-24-08		X		1	5	Monticello	Trons	4160			1		,	1	1	1	-4
	1		1		i –	1	L. W. L. Section				***************************************	///		<u> </u>		1/1		····
	<del>                                     </del>		-			<del> </del>		<del></del>	<del> </del>	<b>†</b>	1		7	90	9			
	ļ			<u></u>		ļ			<del> </del>	<b>-</b>	ment !	3		15		<del> </del>	1	<del>.  </del>
								<u>.</u>	· · · · · · · · · · · · · · · · · · ·	<u> </u>		$\sum_{i}$	12		1	<u> </u>		<u> </u>
		1				Ĭ				<u> </u>	<u> </u>		XZ	1.5	(	8		(S)
														ØZ,	D.	X	///2	
<del>, , , , , , , , , , , , , , , , , , , </del>	1		1-	╁		╢		1	·	1	<u> </u>		H	1		\$7		
<del></del>			-	<del> </del>	<del> </del>	-		<del></del>			<u> </u>	-	1	<u>.</u>	X	1011	francisco.	
			4_					-	<u> </u>	<u> </u>	ļ			-	$\angle$	<b>/</b>		
•	ŀ							1		J				į	1			
									· · · · · · · · · · · · · · · · · · ·				;	1			. ]	
	1		1-	-	-	-	<b></b>	j		1	Ī		T	1	-formes	1		
<del>Bara a territoria</del>	- Committee of the Comm				سبيا	<u> </u>	1									****	rior e A	ALLEGE
Relinguished I	in: [gillibyite]	Oute/Time		2 Ro	ceivad	ma (S	ianatere)	5A	APLE CONDITION UPOX	RECEIP	TINLA	B .	1 1	K	EMARI	(2126	MIPLE C	OMMENTS
								i. custo	DY SEALS:	1	:5	HAO .						-
								2. CONTA	NERS CORRECT:	_L_Ye	مسند فا	Ho						
	ì	l.						3 0004	BELS AGREE		ıs							
					acayor.				* '	- 1				***************************************				
Relinquished I	w: (Sincature)	Date(Time	_	4. Ro	ceived	by Jab;	(Sinnature)	4. PRESS	RVATION CONFIAMED:	Y6		- 4	H	**********	######################################	,		
1.	CAL_	74-28-01	?	اريا		Λ.	أسده	5. RECEA	ED ONICE:	اسل	5	No					entert de la constitución	
Book	and the	1454		17	مالا.	$\lambda$	\	S. TEMPE	RATURE CN RECEIPT.	5.	اه د					· · · · · · · · · · · · · · · · · · ·		
						Ļ	j		FOR COMPLETION BY	LAEI (II)	LY	1	1					



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,

Norma James President

REE RELIGIONS

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** Calcium Magnesium Sodium

**Units** Result mg/L 9.58 2.94 mg/L 50.0

Date/Time Analyzed 9/3/08 14:15 9/3/08 16:02 9/3/08 14:18

**Batch** A809027 A809027 A809027

200.7 200.7 200.7

Method

Wet Chemistry Specific Conductance (EC)

**Units** uS/cm

mg/L

Result 310

Date/Time Analyzed 9/5/08 11:04

Batch A809073 Method 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	<u>Dup</u>	<u>RPD</u>	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)

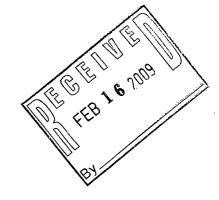
\*MBI: Masked By Interference

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

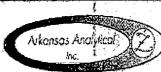


05 September 2008

Arkonsos Analytical

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

Date Received: 02-Sep-08 13:00 CHAIN OF CUSTODY FORM(S)



11701 Interstate 30, Bidg. 1, Ste. 115 Little Rock, AR: 72209 PHONE: 501-455-3233 FAX: 501-455-8118

# CHAIN OF CUSTODY RECORD

LIENT INFOR	MOITAM	BILLING		<del></del>	-		Project Des	cription	Turnercond Timo	E-5-18-01	************		111	Pres	ervaije	n Code	j. ,	
Acciolland Con	sulting Engineers	McClelland Consu	lting E	ingine	875		Monticello I	rrigation	St Hong	t. Ecol	. s Dega	ns Civi	rede			4. Telco	uffaie for Deci	jorksation
1311 W 2nd St.	J.	P.O. Box 34087					Reporting in	formation	45 hour	2. Suesi	zię atk	(n.so.)	oal e	2		S Hydr	ochiorie ankli	(CI)
ittie Rock, AR	72201	Little Rock, AR 7	2203-4	1087		Telepi	iong: 501-378-780	8	72 Hour.	a. Nimi	e Acid (		خشت	-	- Table 1	Commence of the	ıı liydrocide (	(aQH), pH > 12
	Ì	į				FAX:	501-370-407	7	Rourine (5 Day)		le verie	TES	T	PARA	ME.	ERS		Butte Tipe Cal
Atln: Kim Carr	пал					Blite	√P.O.#:	1	Preservative Code:		1.3		Ш					G - Gluss, P - No
		*	· · · · · · · · · · · · · · · · · · ·						Sade Type	Р	Ρ							V=Siphm, A+A
Eya Sampler(5) Sig	Petos unature	*	Sam		e~	•	he l			llvity	N.							Arkansa: Analytica) W Order Numl
Field Number	SAMPLE Dates	COLLECTION Time/s	Grap	Corre	Arroe of Fotoes	Dinish Uzza	IDENTI	ŞÂMPLE FICATION DE	SCRIPTION	Conductivity	Ca, Mg						!	
	8-18-08	9:00	1		1	W	Monticetic imp	gation		Х	Х	į		T	}		11	09014-
												Ï	M		N		Ý	
				1					•	<del>                                     </del>				/	1/	1		
	<del>                                     </del>	1 1	-	X	<del></del>	-	ļ			-	-				<del> </del>	1/		ļ
eren en eren eren eren eren eren eren e				-	-	<u> </u>		1	·	<u> </u>	<u> </u>	<u> </u>	44	/	<u> </u>	1		<u>.</u>
-					<u> </u>				k			11		0				
	<b>]</b> , }							1				V	33		200			1
													$\langle \langle \rangle$	W/ /		7	7	X
						<b> </b>			ą .	ومستند			1	<b>*</b>		-8	>	
			-		-	-		1 7	I.				++	12	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	2)	<b>Z</b> ///	<b>/</b>
· · · · · · · · · · · · · · · · · · ·	<u> </u>		ļ	<u> </u>	<b> </b>			<del>-</del>	<del>(</del> .			ļ	+	ļ	7	(		<b></b>
<u> </u>														<u> </u>		$\mathbb{S}$		
							<u> </u>	age of the second	, '	·				Ţ		V		
											-,				İ	1		1
9-11	(0)		-		<u> </u>	40.	1					-		·		1 1		1
Relimpishedb	A: 13:80:30:361	Date/Time		4-15	23.77(S)	όλ. 12	éevylangi	SAMPLE	CONDITION UPON				1	KŁ	MAK	SISA	MPLE COM	MENTS
	1							1. CUSTODY S	EALS:	Ya	\$	Na			<u>.</u>			
								2. CONTAINER	S CORRECT:	Ye	<b>ა</b>	No						
								S COCILABEL	t acress	Ĭ.	 4				<del></del>	· · · · · · · · · · · · · · · · · · ·		
<del></del>				-				1		1		3	+				The same property and	
Relinguished b	x: (Signaturo)	Desertima		4. Ro	ceiwed	idel ye	(Stanatura)	H. PRESERVAT	TON COMPENSO	Ye	s	No	<u> </u>			ww		
En Natur		q-7 €8		1		^	٠.	S. RECEIVED C	N ICE		i						- <del> </del>	
		9-2-68		171	N	إلميها	X0-	6 TEMPERATE	IRE ON RECEIPT:	2.	Su c		4					
		12.2		<b>'</b> `		(	)		2		- American	·					<del></del>	
	· ·			Į.,,,,,,	بتحضيض	وورين		1 1 10	R COMPLETION BY	LAS ON	LV							



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,

Norma James

President

ORE CELLIO E 2009

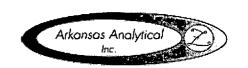
Sample ID/Location:  By Sample Preservation  Container Plastic/Glass of sample Preservation  P Grob 4°C  Thio  Thio  Date/Time:	
Container: Plastic/Glass of sample Preservation  1 P Gwob 4'C 1 2 WP J H2So4 A 3 Thio VNa2S2O4  5  Relinquished By: Date/Time:	В
Relinquished By: Date/Time:	Parameters  SOD, Cond, SAR  JH3, NO3, TKN  FC
Date/Time:	in t
Relinquished By: Date/Time:	5-08 12:45
H calibration: actual/observed 2 - 1006	A Comment of the Comm

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

<u>Total Metals</u>	<u>Units</u>	Result	Date/Time Analyzed	Batch	Method
Calcium	mg/L	12.3	12/8/08 20:35	A812110	200.7
Magnesium	mg/L	3.50	12/8/08 20:31	A812110	200.7
Sodium	mg/L	54.3	12/8/08 20:38	A812110	200.7
Wet Chemistry	Units	Result	Date/Time Analyzed	Batch	Method

Specific Conductance (EC)

Units uS/cm Date/Time Analyzed 12/9/08 14:20 Batch A812125 Method 120.1

#### **QUALITY CONTROL RESULTS**

Total Metals -- Batch: A812110 (Water)

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

Analyte	<u>BLK</u>	LCS / LCSD	MS / MSD	<u>Dup</u>	RPD	Qualifiers
Calcium	<0.100 mg/L	108% / <b>N</b> A	107% / 114%		4.21%	
Magnesium	<0.100 mg/L	100% / NA	101% / 98.5%		2.72%	
Sodium	<1.00 mg/L	100% / <b>N</b> A	310% / 113%		8.34%	%D1

Wet Chemistry -- Batch: A812125 (Water)

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

 Analyte
 BLK
 LCS / LCSD
 MS / MSD
 Dup
 RPD
 Qualifiers

 Specific Conductance (EC)
 <1.00 uS/cm</td>
 101% / 101%
 NA / NA
 0.0699%

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:

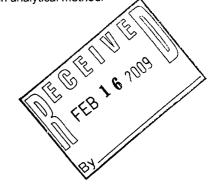
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods, 20th Edition.

Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by:

Norma James

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,

Norma James President

OF FEB 16 2009

Arkonsos Analytical

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

Date Received: 03-Dec-08 11:30

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

LIENT INFOR	MAYON		DU1-455-6118	The second secon	i										
	The second secon	BILLING		Project De	The Later of the L	Turnscound Tixe		سروسوان	1	ſţ	Preservadi	n Code	45 iš		
	suliing Engineers	1000	ulting Engineers	Monticetto	**************************************	24.140	l. Coo	. 4 Depr	ers Cende	101		A Thic	Hillin for	Deckies	insdon
311 W 2nd St little Rock, AF		P.O. Box 34087		Reporting Ir	formation	48 Hous	2. Sel6	iele Ack	(H.30 h	ali < 2		S. Hydi	nieldseite /	Arid(HC	U
inie reock, as	( /420)	Little Rock, AR 7	2203-4087	Telephone: 501-378-78	18	72 i∹our	), Autr	Arid (	HNO/P FII	( } ≤2		i. Scali	a Hidro	ılılı (Nat	0114 pH > 12
Attn: Kim Car	maa F		· · · · · · · · · · · · · · · · · · ·	FAX: 501-376-467	7	Routine (5 Day)			TES	† P	ARAMET	ERS			Bosto Type Co
Story Exemples				Bil to P.O. #		Presenting Code	1,3	1.3							G-Oka Par
·	-				1	Botte Tyro	P	VΡ		1					Y = Septem A = A
Empler(s) Sig	Atu	**	Es. Sampler(s) Prin	thated tod	engentrament der den und nahr de selbe	•	Ag	n		and a contract with a contract of the contract			,		Arkarisa Analysical V Order Numi
Flotd Number	SAMPLE Date/s	COLLECTION Time/s	- Aug to		SAMPLE		Conductivity	Ca, Mg. Na				7.	1		
	11/19/0%	I IIII S	Character Service County of the		FICATION DE	SCRIPTION :	್ರ	Ö	-يامردنوون						08 203
				W Monticello lerie	ation	. "	Χ	Х					- 1		O
							ALCOHOL				\				
											///	77.	ý	<del> </del>	727
· .					<del></del>			<u> </u>	-/						
					<del></del>					2			4		
77.	<u> </u>				<u> </u>					6			i.	[	i
						,			S.	١٧	2				
						÷		1			9		/-/	~	7:
							*********			77	8 8			K	
											· /	<b>Y</b>	<u>ہ ا</u>	$\mathbb{Z}$	
		1						-		X				.	
					, į						(15)				
	•			Ţ.	į						10		1	-	
										+					····
dicanished by	/Sinnature!						-								
		Date/Time	2. Restivoit	ry: (Sinnatur <del>y</del> )	SAMPLE	СОНОПТОН ИРОН Я	CESPI	INLAB			REMARK	S/SAP	uple c	OMME	ENTS
timb	2/01	12-3-06	Į.		1. CUSTOCY SE	ALS:	V <sub>Ye</sub>	السند ا	,	П		<u></u>	<del></del>		
C N	, - I				2 CONTAINERS CORRECT:										
	Ì	11:30			1	COMMEDI:	Yes	ہـ ا	ه ا ا	! [				*****	
In the second second					a coclabble	AGREE:	Yes		io 🆺						
eligguished by:	[Sintytell(E)	Date/Time	4. Received t	y lab: [Skinalueo]	4. PRESERVATIO	ON CONFIRMED:	Yes		b I	a.v.e.					
			Cidin	ut	S. RECEIVED OF	**	1.							<del></del>	
	1		Sydn	7	1 '			_	*			<del></del> ,	<del></del>		-
		amo	TÉ ON RECEIPT:				i		COMPANY.						
	Harrist Landson	l		A61 45	FOR	COMPLETION BY LA	IND BI	Y	1						

Company Name: 1100 Mucos	100 Contact:
Address:	Telephone:
Date/Time Composite Taken:	Sampler:
Date/Time Grab Taken: 12-17-08 (c.	
Number of Containers:	
Sample ID/Location:	
pll 6.22 1c;33	
Flow	·
Container Plastic/Glass of same	De Dragonia de la companya della companya della companya de la companya della com
01 3411	
1 Plastic Grab 2 Thio "	FC BOD, Conductivity
1.20	7C, Na, J, O4 PC
001	TC, HOUGH NO, NHO, TKN
4	Ca, Mg, Na
5	
Relinquished By:	Date/Time:
Received By:	Date/Time:
Relinquished By:	Date/Time: 12-17-c8 14:7c
Received But	Date/Time: 12-17-c8 14:7c  Date/Time:
Comments:	
pH calibration: actual/observed/ Dissolved Oxygen calibration: Zero	Full scale Elevation For
Wenigrand In Serve	McCLELLAND Consulting Engineers, Inc.

Company Name: MM. Well	Contact:
Address:	Telephone:
	•
Date/Time Composite Taken:	Sampler:
Date/Time Grab Taken: 12-N-08 9:11  Number of Containers: 3	Sampler: <b>FB</b>
Sample ID/Location:	
pII 4.64 9:53 Flow	
Container Plastic/Glass of sai	ype mple Preservation Parameters
Planic Gra NP Thio	b 4°C, H <sub>2</sub> NO <sub>4</sub> NO <sub>3</sub> 4°C, Na <sub>2</sub> J <sub>2</sub> O <sub>4</sub> FC
5	<u></u>
Relinquished By:  Received By:  Relinquished By:	Date/Time:
werindarated by:	Date/Time: 12-11-58 14:00
Received By:	Date/Time:
pH calibration: actual/observed	/ ICI, 10.00 / ICI



Company Name: MON	· VVIII		Contact:
Address:	***************************************		
		i	
Date/Time Composite T	ľaken:	,	Sampler:
Date/Time Grab Taken:	12-11-08	9:14	Sampler: 😝
Number of Containers:	<del></del>	,	
Sample ID/Location:			
pll 3,92 9:54			DO
Flow			
		Type	
Container Plasti	lc/Glass	of sample	Preservation Parameters
1 Plasti	ic	Grab	4°C TOS CI-
2 WP		((	4°C, H2502 NO
3 Thio		10.	40 Nn 10 Ec
4			10/11annoq 10
5			€ r
Relinquished By:	· · · · · · · · · · · · · · · · · · ·		Date/Time:
•			Date/Time:
Relinquished By:	tB		Date/Time: 12-11-cg 14:cc
Received By:			Date/Time:
Comments:			, 22.110.
pH calibration, actua	5.1 / mln as a s		101.1
organical oxygen call)	bration: 2	ZeroFu	Il Scale Elevation
	·.		R. C. 16 2009

Manual McCLELLAND Consulting Engineers, Inc.

Company Name:	Mont Well 3	3	Contact:	
Address:		· ·	Telephone:	
-				
Date/Time Com	posite Taken:		Sampler:	
Date/Time Gra	b Taken: <u>12-11-<i>c</i></u> 8	9:24	Sampler: 6	
Number of Con-	tainers:			
	9:55			
Flow				
Container	Plastic/Glass	lype of sample	Preservation	Parameters
1	Plactic	beab	4°C	TNCCI
2	WP	( ( )	4°C H2.102	NO.
3	Thio	(i	4°C Na Sa Oa	FC
4				
5				45. 45. 1
Relinquished I	Ву:	·	Date/Time:	
Received By: _			Date/Time:	
Relinquished E	By: <u>EB</u>			
Received By: _		, ·	Date/Time: _/ Date/Time: _	2-11-08 14:00
Comments:			bace/Time:	
				<u> </u>
pH calibration Dissolved Oxyg	: actual/observen calibration:	ed .cc		veg (2 %,c2
- <del>1</del>				11/1
		MICCLE	TLAND (C)	E 16 2019

McCLELLAND Consulting Engineers, Inc.

Address:  Date/Time Composite Taken:  Date/Time Grab Taken:  Date/Time:  Date/Time:  Received By:  Date/Time:  Received By:  Date/Time:  Comments:  Date/Time:  Date/Time:  Comments:  Date/Time:  Date/Time	Company Name:			Contact:	<del></del>
Date/Time Composite Taken:  Date/Time Grab Taken:  Date/Time:  Date/Time:  Received By:  Received By:  Date/Time:  Date/Time:  Date/Time:  Date/Time:  Date/Time:  Date/Time:  Date/Time:  Comments:	Address:			Telephone:	
Date/Time Composite Taken:  Date/Time Grab Taken:  Date/Time:  Date/Time:  Received By:  Received By:  Date/Time:  Date/Time:  Date/Time:  Date/Time:  Date/Time:  Date/Time:  Date/Time:  Comments:	· enhancement of the contract				
Date/Time Grab Taken: Q:Q:Q:S 7:28 Sampler: 8  Number of Containers:  Sample ID/Location:  pH					
Number of Containers:  Sample ID/Location:  DI					
Sample ID/Location:  pH	Date/Time Gra	ab <sup>m</sup> aken: <u>12-11-68</u>	9:28	Sampler: 🚜	
PH Calibration asked in Sect 1998 DO					
Container Plastic/Glass of sample Preservation Parameters  1	Sample ID/Loc	cation:	ente y april entre e		
Container Plastic/Glass of Sample Preservation Parameters  1	pH	9:56		DO	
Preservation Parameters  1 Platic Grab 4°C Tor Cr  2 WP " 4°C, H2 O4 NO2  3 MiO " 4°C, Na22 O4 FC  4 Date/Time: Received By: Relinquished By: Date/Time: Received By: Date/Time: Received By: Comments:	Flow				
1 Plackic Grab 4°C TSI CI  2 WP " 4°C, Ha Na No.  3 Thio " 4°C, Na.1204 FC  4  5  Relinquished By: Date/Time: Received By: Date/Time: Parameters  Parameters  TSI CI  1	Container	Plastic/Glass	Type	The second secon	
The solution of the solution o				Preservation Parameters	
The solution of the solution o	1.	<u> Mastic</u>	UKab	TO TOS CI	
3  WHO  4  4  5  Relinquished By:  Received By:  Relinquished By:  Relinquished By:  Relinquished By:  The partial process of the partial	2	WP	((	4°C, Halla NOa	<del></del>
Relinquished By:  Received By:  Relinquished By:  Relinquished By:  Received By:  Date/Time:  Date/Time:  Date/Time:  Date/Time:	3	Thio	(i	4°C Na. So Oa FC	
Relinquished By:	4			1 1910	
Relinquished By:  Received By:  Relinquished By:  Relinquished By:  Received By:  Date/Time:  Date/Time:  Date/Time:  Date/Time:  Date/Time:	5			0,	
Received By:  Relinquished By:  Received By:  Date/Time:  Date/Time:  Date/Time:  Date/Time:  Date/Time:  Date/Time:  Date/Time:  Date/Time:  Date/Time:		· ·			
Relinquished By:   Received By:  Comments:  Date/Time:  Date/Time:  Date/Time:  Date/Time:  Date/Time:  Date/Time:  Date/Time:	•			Date/Time:	
Relinquished By:   Received By:   Date/Time:   Date/Time:	•			Date/Time:	
Comments:  Date/Time:  Date/Time:	Relinguished	ву: <i> </i>	•		
pH calibration: potential 2	Received By:				
pH calibration; potential 2	Comments:				<del></del> -
pH calibration: potential 2			· ·		
pH calibration; potential 1					·
Full Scale Elevation	pH calibratio Dissolved Oxy	D.t. Dodenia J. ( )	7.00/	actual observed lace	
$\sim 10^{-1}$		James a manna ti cacom:	Lero Full	Scale Elevation	

Consulting Engineers, Inc.

Company Name	: Mont Well	5	Contact:	
Address:			Telephone:	
	mposite Taken:		Sampler:	
Date/Time Gra	ab такеп: <u>12-и-с</u> 8	9:33	Sampler: 🗲	B
	ntainers:			
	and the opening of the control of th	en ter transferance		
ри ис.	9:57		DO	
•				
Container		lyne		
concarner.	Plastic/Glass	of sample	Preservation	Parameters
1	Plastic	Vra b	4°C	TD1 C1-
2	WP	10	4°C H21004	NO <sub>2</sub>
3	Thio	( i	A°C Na Ma	FC.
4			Table 1	
5				R. I
Relinquished	Ву:		Date (mi	
Received By:			Date/Time:	
Relinquished	By:		Date/Time:	
Received By:			Date/Time: /	
			Date/Time:	
oll calibration		ed 7.cc/	/ci./	
Dissolved Oxy	n: actual/observ	ed <u> </u>	actual observ	ved recor
	•		Eleva-	
,				SE 3009 \

Consulting Engineers, Inc.

Elevation Of Parks

Company Name: Munt Well (	Contact:
Address:	Telephone:
Date/Time Composite Taken:	Sampler:
Date/Time Grab Taken: 12-11-68 9:38	Sampler: EB
Number of Containers:  Sample ID/Location:	
Sample ID/Location:	
pH 4.80 9:58	DO
Flow	
Container Plastic/Glass Type of sample	Preservation Parameters
1 Plastic Grab	4C 1D1, C1-
$\frac{2}{3}$ Thio $\frac{1}{3}$	4°C Na 1.02 FC
4	1100109
5	<u>€</u> ,
Relinquished By:	Date (m)
KGCGTAGG BA:	
Relinguished Ry, <i>ER</i>	Date/Time:
Received By:	Date/Time: 12-11-08 14:00
Comments:	Date/Time:
oH calibration: actual/observedcc Dissolved Oxygen calibration: Zero Full	doctal observed / /46.02
NICCLE COUSUIT OF THE PROPERTY	ELLAND RELLAND

### CITY OF MONTICELLO STATIC WATER LEVEL - MONITORING WELL EAST PLANT #ARO021831

QUARTERLY REPORTING 4th quer

DATE	WEI	LL NUMBER	TIME CHECKED	WELL CAPACITY	STATIC WATER LEVEL	DEPTH OF AIRSPACE
2/11/08	#:1	404	9.11	15	9	( <sub>4</sub>
12/11/02	#2	392,	9.14	15	10	5
12/11/08	#3	45/	924	25	15	10
12/11/08	#4	461	9.28	15	8	>
12/11/08	#5	474	533	15	1/	4
12/11/06	#6	480	938	25	16	9
	-					
1	<u> </u>	·				
						·
						-
						24 1
						* 16 109 V
						\$ //

Charles Hammock Water & Sewer Technician

Company Name: MUNICO W	P11 1	
		Contact:
Address:		Telephone:
	***	
Date/Time Composite Taken:		Sampler:
Date/Time Grab Taken: 9-3c-08	9:01	Sampler: FB
Sample ID/Location: well		
pii 6.02 9:46		DO
Flow		
Container Plastic/Glass	lype of sample	Preservation Parameters
Plastic	Carlo	Aor The ci-
7 Thin	UKO10	"10 105,01
2 1110	ii.	Nazzo
3 000		"H2504 NO2
4		
5		€,
Relinquished By:	•	
Dogo i un de n		Date/Time:
		Date/Time:
Received By:		Date/Time: 9-3c-08 12:45
Comments:		Date/Time:
commencs:	<u> </u>	and a second sec
pH calibration: actual/observe	ed ?.ce-7.	ec actual observed to
Table Address to the table of	cero Full	c actual observed to consider the scale Elevation
	•	

MA MINICELELLAND Consulting Engineers, Inc.

Company Name	: Monticello V	Vell 2	Contact:
Address:			Telephone:
· Internative reserve			
All the second sections of the second section sections of the second section sections of the section section sections of the second section section sections of the section section section section sections of the section section section section sections of the section se	· · · · · · · · · · · · · · · · · · ·		
Date/Time Co	mposite Taken:		Sampler:
			Sampler: 🚜
	ntainers: 3		
Sample ID/Lo	cation:	And the second of the second o	
8.2 Ilq	1 7:47		DO
Container	Plastic/Glass	lype of sample	Preservation Parameters
1	<b>Ylastic</b>	Grab	4°C TRC CI-
2	Thio	10	11 Ma. 8 () a to
3	NP	l.	1 L CO NO
4			119304 1003
5			€ <sub>a</sub> ,
Relinquished	Ву:		
Received By:	•		Date/Time:
			Date/Time: 9-30-08 12:45
Received By:			Date/Time: 9-30-08 12:45
Comments:			Date/Time:
**************************************			
pH calibratio			100,3
Dissolved Oxy	gen calibration:	ed <u>7cc-7.cc</u> Zero Full	actual observation
•			100 100 M
	RO	AN PROPERTY IN A CO.	

MeCLELLAND Consulting Engineers, Inc.

Company Name: MUNTICLO Well	Contact:
Address:	
Date/Time Composite Taken:	Sampler:
Date/Time Grab Taken: 9-3c-08 1	(3 Sampler: AB
Sample ID/Location:	
pll 604 9:48	DO
Flow	
	ре
Container Plastic/Glass of sam	ple Preservation Parameters
1 Plashe Ita	b AT TNS 11-
2 Thio	Na Ja Oas HO
3 Wp. 11	" Ha Saa NO
4	1709
5	€ <sub>7</sub>
Relinquished By:	Date/Time:
Received By:	Date/Time:
Kerrindarayed BA: EB	Date/Time: 9-3c-08 12:45
Mederved by:	Devie w / m !
Comments:	
pH calibration: actual/observed <u>\ \alpha\</u>	Enll see actual observed v.c. see
Zero	McCleugan
SA AN	A McCl Ell and

MANUAL MeCLELLAND Consulting Engineers, Inc.

company Name: Markello Well 4	Contact:
Address:	Telephone:
Date/Time Composite Taken:	Sampler:
Date/Time Grab Taken: 9-3-cs 9:20  Number of Containers:	
Sample ID/Location:	
pli 6.12 9:49	DO
Flow	
Container Plastic/Glass of sample	Preservation Parameters
1 Plastic Grab	AC TOS CI-
2 Thio 11	"NachOa FC
3 Wp 11	"H2509 NO3
4	
5	£,
12 mars of the control of the contro	Date/Time:
	Date/Time: 9-3c-08 12:45
Received By:	
pH calibration: actual/observed <u>7сс-7.c</u> Dissolved Oxygen calibration: Zero <u>rull</u>	c actual observed Ve.ce Ve.ce
MA MINI McCLE	Scale Elevation State CLLAND

Address:	Contact: Telephone:		
Date/Time Composite Taken:  Date/Time Grab Taken: 9-3c-cs 9:26  Number of Containers:	Sampler: &B		
Sample TD/Location:  pH 602 9:50  Flow	DO		
container Plastic/Glass lype of sample  1 Plastic  2 Thio to the sample of s	Preservation Parameters  A°C TDS, CT  Na, J, O4 FC  NO3		
Received By: FB	Date/Time:  Date/Time:  Date/Time: 9-3c-cs 12:45  Date/Time:		
oH calibration: actual/observed > < > > < < > > < < > > < < > > < < > > < < > > < < > > < < > > < < > > < < > > < < > > < < > < < > > < < > > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < <			

MAN MeCLELLAND Consulting Engineers, Inc.

Elevations 2009

	Munhello	Nell 6	Contact:	
Address:			Telephone:	
* Proof Principles Street Street				·
Date/Time Com	posite Taken:			
	7-3c-c		77.01.	
Number of Conf	· · · · · · · · · · · · · · · · · · ·	0 1:16	Sampler: E	В
	wtion:			
	5 (		DO	
Flow				
Container	Diaghte / Gi	Туре		
	Plastic/Glass	of sample	Preservation	Parameters
1	Plashc	Cheab	A°C	17 7/1
2	<u> </u>		" Na So Ox	G, G
3	MP	11	" Ho SiO2	NV
4			FVIDON	1/0/3
				Q e
Relinquished B	Υ:		Date/Time:	
Received By: _			Date/Time:	
Relinquished B	y: <u>EB</u>		Date/Time: 9-3	
Received By: _			bace/iime: 7-3	2-ce 12:45
Comments:			Date/Time:	
H calibration:	actual/observe	ed >-cc->-cc	/c.3 actual observ	ex 10.02
	2	Full	Scale Elevat	A COLOR
	Rel			
	A V	Mini McCLEL Consulti Mini Engineer	LAND ng rs, Inc.	2003 Jan 201 1 C. C.S

# CITY OF MONTICELLO STATIC WATER LEVEL - MONITORING WELL EAST PLANT #AROO21831

### QUARTERLY REPORTING april, may June 08

DATE	WELL NUMBER	TIME	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	4
4/22/08	#3	8:4/	25	17	8
4/22/08	11년	8:47	15	. 7	8
4/22/08	#5	8:55	1.5	10	5
4/20/01	#6	9:00	25	. 14	1/
5/16/08	#1	1.00	15	10	5
5/16/08	#2	1:04	15	1	4
5/16/08	#3	1:10	25	18	7
5/16/08	#4	1:15	15	3	7
5/16/08	#5	1.20	15	9	<u>'</u>
5/10/06	#6	1:25	25	15	10
	PH				
6/26/01	#1 5.63	10.20	15	9	6
6/24/01	#2 5.64	1021	15	10	5
6/20/01	#3 557	SC 01	25	13	12
6/36/01	#4 618	10 23	15	8	7
426/01	i 1	10-25	15	10	5
6/20/01	#6 523	D.26	25	15	10
			-		
!					

Completed by Man Danne

Charles Hammock Water & Sewer Technician

### CITY OF MONTICELLO

### STATIC WATER LEVEL - MONITORING WELL EAST PLANT #ARO021831

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 а.ш.	25 FEET	14 FEET	11 FEET
01-24-2008	#4	9:45 a.m.	15 FEET	8 FEET	7 FEET
01-24-2008	<b>#</b> 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 а.т.	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	<b>#</b> 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	<b>#</b> 5	10:03 а.ш.	15 FEET	9 FEET	6 FEET
03-25-2008	#6	10:04 a.m.	25 FEET	15 FEET	10 FEET

Completed by Charie Hansock Water & Sewer Technician

04-28-2008

ge Roger









### CITY OF MONTICELLO P.O. Box 505 Monticello, AR 71657

### TO:

Ms. Cindy Garner, Technical
Assitance Manager
Water Division Enforcement Branch
ADEQ
5301 Northshore Drive
North Little Rock, AR 72118-5317







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 <a href="mailto:robertsa@adeq.state.ar.us">robertsa@adeq.state.ar.us</a>. In any written correspondence to this Department, please refer to NPDES Permit AR0021831.

Sincerely,

Anne Roberts

**Enforcement Administrator** 

**Enforcement Branch** 

Water Division