

Client: ADOC-Cummins

Sample Number: 38057-02

Sample Description:

Date Reported: 11/13/2012

Sample Location: effluent

Permit Number:

References: 40 CFR Part 136 Approved Methods, Containers, Preservation, Holding Times
 Standard Methods for the Examination of Water and Wastewater: EPA-600/4-79-020

Quality Control: Blank, duplication, known addition, quarterly analysis of external references samples

QA Frequency: Minimum of 10% Spikes and Duplicates

	Grab		Composite		Date/Time Received:
Date/Time	Sampler		Date/Time	Sampler	10/02/12 15:00
10/02/12 13:35					

Parameter	Reference	Test Date/Time	Initials	Result
Ammonia Nitrogen				
Ammonia, NH3-N	4500-NH3,B,C			<1.0 mg/l
cBOD 5 day				
cBOD	5210 B			3.14 mg/l
Dissolved Oxygen				
DO	4500-O c or g	10/2/2012 1:38:00 PM		7.6 mg/l
Fecal Coliform				
Fecal Coliforms	9222 D			500 Col/100 mls
Oil & Grease				
Oil & Grease	EPA 1664			<5.0 mg/l
pH				
pH	4500-H+ B	10/2/2012 1:36:00 PM		7.8 pH Units
Temperature				
Temperature	2550 B	10/2/2012 1:37:00 PM		24 degrees C
Total Suspended Solids				
TSS	2540 D			1.0 mg/l

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Grab		Composite		Date/Time Received:
Date/Time	Sampler	Date/Time	Sampler	
10/02/12 13:35				10/02/12 15:00

Parameter	Reference	Test Date/Time	Initials	Result
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* Quality assurance performed on other samples.

Chain of custody, equipment calibration and maintenance records, and QA/QC information are on file at the laboratory.



Bill Miles, Laboratory Manager

Client: ADOC-Cummins

Sample Number: 38088-02

Sample Description:

Date Reported: 11/13/2012

Sample Location: effluent

Permit Number:

References: 40 CFR Part 136 Approved Methods, Containers, Preservation, Holding Times
 Standard Methods for the Examination of Water and Wastewater: EPA-600/4-79-020

Quality Control: Blank, duplication, known addition, quarterly analysis of external references samples

QA Frequency: Minimum of 10% Spikes and Duplicates

	Grab		Composite		Date/Time Received:
Date/Time	Sampler		Date/Time	Sampler	10/09/12 14:30
10/09/12 12:58					

Parameter	Reference	Test Date/Time	Initials	Result
Ammonia Nitrogen				
Ammonia, NH3-N	4500-NH3,B,C			<1.0 mg/l
cBOD 5 day				
cBOD	5210 B			3.80 mg/l
Dissolved Oxygen				
DO	4500-O c or g	10/9/2012 1:01:00 PM		6.7 mg/l
Fecal Coliform				
Fecal Coliforms	9222 D			400 Col/100 mls
Oil & Grease				
Oil & Grease	EPA 1664			<5.0 mg/l
pH				
pH	4500-H+ B	10/9/2012 12:59:00 PM		7.6 pH Units
Temperature				
Temperature	2550 B	10/9/2012 1:00:00 PM		22 degrees C
Total Suspended Solids				
TSS	2540 D			2.0 mg/l

Client: ADOC-Cummins

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Date Reported: 11/13/2012

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Permit Number:

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 Standard Methods for the Examination of Water and Wastewater: EPA-600/4-79-020

Quality Control: Blank, duplication, known addition, quarterly analysis of external references samples

QA Frequency: Minimum of 10% Spikes and Duplicates

	Grab		Composite		Date/Time Received:
Date/Time	Sampler	Date/Time	Sampler		10/09/12 14:30
10/09/12 12:58					

Parameter	Reference	Test Date/Time	Initials	Result
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* Quality assurance performed on other samples.

Chain of custody, equipment calibration and maintenance records,
 and QA/QC information are on file at the laboratory.



Bill Miles, Laboratory Manager

Client: ADOC-Cummins

Sample Number: 38139-02

Sample Description:

Date Reported: 11/13/2012

Sample Location: effluent

Permit Number:

References: 40 CFR Part 136 Approved Methods, Containers, Preservation, Holding Times
 Standard Methods for the Examination of Water and Wastewater: EPA-600/4-79-020

Quality Control: Blank, duplication, known addition, quarterly analysis of external references samples

QA Frequency: Minimum of 10% Spikes and Duplicates

Grab	Composite	Date/Time Received:
Date/Time	Date/Time	10/16/12 14:30
10/16/12 12:12		

Parameter	Reference	Test Date/Time	Initials	Result
Ammonia Nitrogen				
Ammonia, NH3-N	4500-NH3,B,C			<1.0 mg/l
cBOD 5 day				
cBOD	5210 B			2.87 mg/l
Dissolved Oxygen				
DO	4500-O c or g	10/16/2012 12:15:00 PM		7.2 mg/l
Fecal Coliform				
Fecal Coliforms	9222 D			800 Col/100 mls
Oil & Grease				
Oil & Grease	EPA 1664			<5.0 mg/l
pH				
pH	4500-H+ B	10/16/2012 12:13:00 PM		7.5 pH Units
Temperature				
Temperature	2550 B	10/16/2012 12:14:00 PM		23 degrees C
Total Suspended Solids				
TSS	2540 D			2.0 mg/l

Client: ADOC-Cummins

Sample Number: 38139-02

Sample Description:

Date Reported: 11/13/2012

Sample Location: effluent

Permit Number:

References: 40 CFR Part 136 Approved Methods, Containers, Preservation, Holding Times
 Standard Methods for the Examination of Water and Wastewater: EPA-600/4-79-020

Quality Control: Blank, duplication, known addition, quarterly analysis of external references samples

QA Frequency: Minimum of 10% Spikes and Duplicates

	Grab		Composite		Date/Time Received:
Date/Time	Sampler	Date/Time	Sampler		10/16/12 14:30
10/16/12 12:12					

Parameter	Reference	Test Date/Time	Initials	Result
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* Quality assurance performed on other samples.

Chain of custody, equipment calibration and maintenance records, and QA/QC information are on file at the laboratory.



Bill Miles, Laboratory Manager

CHAIN OF CUSTODY

Company Name: Cummins

Contact: SAM NEWTON

Address: P.O. Box 500

Telephone: 870-850-8748

GRADY, AR. 71644

Date/Time Composite Taken: _____

Sampler: _____

Date/Time Grab Taken: 10/2/12 1335

Sampler: (9)

Number of Containers: 3

Sample ID/Location: effluent

pH 7.84 1338

DO 7.62 1338

Flow .73

Container	Plastic/Glass	Type of sample	Preservation	Parameters
1	P	grab	4°C	CBOD, TS
2	WP	"	H ₂ SO ₄	NH ₃
3	Thio	"	Na ₂ SO ₃	FL
4				
5				

Relinquished By: (Signature) Date/Time: 10/2/12 1500

Received By: _____ Date/Time: _____

Relinquished By: _____ Date/Time: _____

Received By: _____ Date/Time: _____

Comments: _____

SC-56.51

pH calibration: actual/observed 7.00/7.00 actual/observed 10.00/10.00
 Dissolved Oxygen calibration: Zero Full Scale Elevation 500

CHAIN OF CUSTODY

Company Name: Cummins

Contact: SAM NEWTON

Address: P.O. Box 500

Telephone: 870-850-8748

GRADY, AR. 71644

Date/Time Composite Taken: _____

Sampler: _____

Date/Time Grab Taken: 10/9/12 1258

Sampler: SP

Number of Containers: 3

Sample ID/Location: effluent

pH 7.58 1301

DO 6.70 1301

Flow .70

Container	Plastic/Glass	Type of sample	Preservation	Parameters
1	P	grab	4°C	CBOD, TS
2	WP	"	H ₂ SO ₄	NH ₃
3	Thio	"	Na ₂ S ₂ O ₃	FL
4				
5				

Relinquished By: [Signature]

Date/Time: 10/9/12 1430

Received By: _____

Date/Time: _____

Relinquished By: _____

Date/Time: _____

Received By: _____

Date/Time: _____

Comments: _____

56.56.75

pH calibration: actual/observed 7.00 > 7.00 actual observed 10.00 > 10.00
 Dissolved Oxygen calibration: Zero Full Scale Elevation 500ft

CHAIN OF CUSTODY

Company Name: Cummins

Contact: SAM NEWTON

Address: P.O. Box 500

Telephone: 870-850-8748

GRADY, AR. 71644

Date/Time Composite Taken: _____

Sampler: _____

Date/Time Grab Taken: 10/16/12 1212

Sampler: SD

Number of Containers: 3

Sample ID/Location: effluent

pH 7.52 - 1215

DO 7.23 1215

Flow .76

Container	Plastic/Glass	Type of sample	Preservation	Parameters
1	P	grab	40C	CBOD, TS
2	WP	"	H2SO4	NH3
3	Thio	"	Na2S2O3	FL
4				
5				

Relinquished By: SD

Date/Time: 10/16/12 1430

Received By: _____

Date/Time: _____

Relinquished By: _____

Date/Time: _____

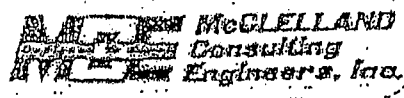
Received By: _____

Date/Time: _____

Comments: _____

SL-57.61

pH calibration: actual/observed 7.00 > 7.00 actual/observed 10.00 > 10.00
 Dissolved Oxygen calibration: Zero Full Scale Elevation 500



Kathy Tonkewley

Arkansas Department of Correction
7800 Correction Circle
Pine Bluff, Arkansas 71603

720 721 72114S **S4-16**

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NPD ES Enforcement Branch.

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North Little Rock, AR

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