



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

Form Approved
OMB No. 2040-0003

NPDES Compliance Inspection Report

Section A: National Data System Coding

Transaction Code	NPDES	Yr/Mo/Day	Inspec. Type	Inspector	Fac. Type
1 N 2 5 3 A R 0 0 4 8 8 3 6 11 12 1 0 0 6 2 4 17 18 H 19 S 20 1					
Remarks					
A F I N 7 1 - 0 0 0 1 8					
Inspection Work Days	Facility Evaluation Rating	BI	QA	Reserved	
67 69	70 N	71 N	72 N	73	74 75 80

Section B: Facility Data

Name and Location of Facility Inspected (<i>For industrial users discharging to POTW, also include POTW name and NPDES permit number</i>) City of Clinton East Wastewater Treatment Plant Section 23, Township 11 North, Range 14 West in Van Buren County, AR	Entry Time/Date 0935 / 6-24-10	Permit Effective Date August 1, 2005
	Exit Time/Date 1430 / 6-24-10	Permit Expiration Date July 31, 2010
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Mr. Zeke Kaeling, Water and Sewer Manager 501-745-4320 Mr. Kevin Donahue and Kent Cates / Plant Operators / 501-745-4320		
Name, Address of Responsible Official/Title/Phone and Fax Number Mr. Zeke Kaeling, Water and Sewer Manager City of Clinton 404 East Main Street Clinton, AR 72031 / 501-745-4320	Contacted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

Section C: Areas Evaluated During Inspection

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

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

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

A compliance assistance inspection was performed along with Marysia Jastrzebski, NPDES Permit Writer. The purpose of the visit was to discuss various compliance issues regarding the existing and renewal permits and for the Permit Writer to gather information to be used to in drafting the renewal. Monitoring and reporting requirements for effluent sampling and for land application were discussed. Due to a recent change in personnel, the facility had several questions regarding these issues. Facility had received the paperwork from EPA regarding the 2010 Discharge Monitoring Report Quality Assurance Study and was advised on how to handle this matter. See additional pages regarding renewal permit issues. The Permit Writer submitted a report via electronic mail to the City. This report form will be routed to ADEQ Central Files. No letter will be sent.

Name(s) and Signature(s) of Inspector(s) Bruce Kirkpatrick 	Agency/Office/Telephone/Fax AR Dept. of Environmental Quality-Jasper PHONE# (870) 446-6170 / FAX# (870) 446-2181	Date 7-2-10
Signature of Reviewer	Agency/Office/Phone and Fax Numbers	Date

Attendees: Isaac Keeling, Director, Clinton Water, 501-745-4320
e-mail: clintonwater@clintoncable.net
Kevin Donahue, Operator
Kent Cates, Operator
Bruce Kirkpatrick, Water Inspector
Marysia Jastrzebski, NPDES Permit Writer

Treatment system: bar screen, equalization basin, activated sludge system, clarifier, filter, UV disinfection, post-aeration

Discussed: Proposed changes to the permit. (very preliminary)

1. The coordinates of the facility location and Outfall 001 have been corrected.
2. A list of treatment units has been included on Page 1 of Part IA.
3. The 7-Day Average effluent limitations for Total Suspended Solids for the months of May through November have been slightly revised.
4. The 7-Day Average effluent limitations for Ammonia Nitrogen for the months December through March have been revised.
5. The effluent limitations for Ammonia Nitrogen for the months of May through November have been changed.
4. The effluent limitations for Dissolved Oxygen for the months of December through April have been included.
5. The special conditions regarding land application of treated wastewater has been included.
6. A special condition regarding a requirement for a Class IV licensed operator has been added in Part II of the permit.
7. Part II, Part III, and Part IV have been revised.

SPECIFIC ISSUES discussed

1. Operators: Class III required. 8 operators. 4 with Class III.
2. NH₃-N

New limits for NH₃-N for May through November. Relaxed from 1 to 2.1 mg/l. But more stringent DM for Dec-March. Changed from 15 to 9.45 mg/l. Checked DMR data – no problem - the highest reported 7.6 mg/l – no schedule.

3. DO

New limit of 7 mg/l for Dec-April. Since post-aeration in place – no schedule.

4. Stormwater. Already approved previously under ARR00060. Till September 26, 2009 to reapply.
5. Land application of wastewater

Reports due by May – every year.

Discussed the situation re: LA will be covered under separate no discharge permit. Letter will be coming shortly. Application to be submitted within 120 days from the effective date of the permit. Coverage will expire after 2 years.

6. PPS. No potential. Assuming zero background. Copper, Nickel, Zinc shown in application above MQL level, but no WQ violation. Mercury resampling – below MQL. OK.
7. Mercury – Stream placed under fish consumption advisery due to mercury contamination of certain fish. Also listed on 303d list in Category 4a. TMDL done.
8. Pretreatment. No special requirements based on Allen Gilliam's (ADEQ Pretreatment) recommendations.
9. Sampling location

Same as before.
10. Sampling frequency. Same.
11. Sampling type. 6-hr composite changed to composite. Explained new definition.
12. DMR data. DO violations in May, June, August, November 2009. Reasons? Typically wastewater is land applied during these months. In 2009 it could not be done due to a major road project – new bridge construction on Hwy 65 – wastewater could not be transported by pipe to the LA sites!

Google earth image of site as it appeared on January 11, 2006:



headworks:



aeration basin:



equalization basin / aerated pond:



cascade aeration:

