

Waller, Scott

From: Jastrzebski, Marysia
Sent: Thursday, October 28, 2010 10:45 AM
To: Waller, Scott
Subject: FW: Summary of phone conversation regarding your NPDES permit No. AR0044016 for North Central Unit, Izard County Facility

Please print this e-mail and include in the correspondence folder of permit AR0044016 (delivered yesterday). Thanks,

m

Marysia Jastrzebski, P. E.
NPDES Permit Engineer, Water Division
Arkansas Department of Environmental Quality
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-----Original Message-----

From: Jastrzebski, Marysia
Sent: Thursday, October 28, 2010 10:39 AM
To: 'leon.starks@arkansas.gov'
Cc: 'vickie.taylor@arkansas.gov'; 'danny.blankanship@arkansas.gov'; 'dberanek@mcclelland-engrs.com'
Subject: Summary of phone conversation regarding your NPDES permit No. AR0044016 for North Central Unit, Izard County Facility

Mr. Starks,

This e-mail is written to summarize my phone conversation with Mr. Danny Blankanship about your upcoming renewal of your NPDES discharge permit for North Central Unit, Izard County Facility.

I need to bring your attention to the fact that these changes in the proposed permit have not been reviewed by any of my supervisors. This is just the preliminary draft which may change before going to public notice.

The following changes are proposed:

1. The facility's physical address will be included.
2. The coordinates for the facility will be corrected.
3. The Monthly Average effluent limitations for Ammonia Nitrogen for the month of April will be added. This new limit of 3.9 mg/l will be identical to the existing Daily Maximum limit.
4. The Daily Maximum effluent limitations for Ammonia Nitrogen for the months of November through March will be revised from 8 mg/l to 7.5 mg/l
5. The Daily Maximum mass limit for Nitrite+Nitrate Nitrogen of 7.5 lbs/day will be included.
6. A list of treatment units will be included on Page 1 of Part 1A. For details see Item 4 below.
7. A special condition requiring a Class III licensed operator will be included in Part II of the permit. For details see item 2 below.

10/28/2010

8. A special condition regarding land application of sludge will be included. For details see item 3 below.
9. Part II, Part III, and Part IV will be revised.

Specific issues discussed in detail:

1. Effluent limits.

No major changes in the permit limitations except few minor discussed above in Items 3, 4, and 5.

2. Operator license

Based on my calculations, a Class III operator will be required for your wastewater treatment facility. These calculations assign points to each of the wastewater treatment units present at your facility. Based on accumulated points, different class of operator is required.

3. Land application of wastewater

In the future land application will be covered under separate “no discharge” permit. I prepared a letter regarding this issue – you should receive it next week. Your NPDES discharge permit will require that an application for the state permit be submitted within 120 days from the effective date of the NPDES permit. Your coverage under NPDES permit will expire after 2 years! Here you can find the application forms you will have to submit:

http://www.adeq.state.ar.us/water/branch_permits/pdfs_forms/appland.pdf

4. List of treatment unit on Page 1 of Part I

A list of treatment units will be included in the permit. Any change/addition to the treatment units will require permit modification. It is crucial that all wastewater is treated in all the units. If any units are bypassed, formal notice must be given to the Department. See Part II (current permit) and Part III (future permit) for description of bypass and notification requirements.

5. Sampling location

A narrative description of sampling locations will be included in the permit. It is my understanding that flow is measure prior to UV unit, and all other parameters are sampled after the UV unit.

6. Sampling frequency. No change.

7. Sampling type. No change

8. Discharge Monitoring Data (DMR) data. Fecal Coliform Bacteria - May 2007, October 2009, November 2009, January 2010, and April 2010, Ammonia Nitrogen - August 2008 and January 2010, Dissolved Oxygen - August 2009, April 2010, June 2010, and July 2010, Total Suspended Solids - January 2010, February 2010, April 2010, and May 2010. It is my understanding that all problems with the oxidation ditch have been resolved and the facility

has been in compliance with all limits for the last two months.

Again thank you for your cooperation. I would like to remind you again that this permit is in very preliminary stages of development and may change as a result of our internal review. I will keep you informed of any new developments.

Please call me if you have any comments or questions.

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