

## Jastrzebski, Marysia

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**From:** Roberts, Christopher  
**Sent:** Tuesday, August 10, 2010 10:05 AM  
**To:** Jastrzebski, Marysia  
**Subject:** RE: Request for limits - AR0044016-Ark. Dept. of Corrections- North Central Unit

Know you're super busy, so I read through Zylab. Based on what I've read, the field surveys found no direct link between groundwater and surface water, so it was determined to not be a losing stream. However, the area is karst with lots of caves and sinkholes. Apparently some of the residents also claim to use raw (untreated) surface water as drinking water. Thus, limits were set low with some drinking water standards (e.g., nitrates & fecal). Don't know how well the facility has complied with the limits.

As far as the WQMP update is concerned, I'll wait for you to let me know if you want to keep the old limits or if you want to try to relax them. Up to you.

No hurry on my end. Just trying to help.

-----Original Message-----

**From:** Jastrzebski, Marysia  
**Sent:** Monday, July 19, 2010 11:50 AM  
**To:** Roberts, Christopher  
**Subject:** RE: Request for limits - AR0044016-Ark. Dept. of Corrections- North Central Unit

Chris,

Let me do some research and think about it. Working on some other urgent projects. Could you please put it on hold for now until I get back with you?

Thanks,

m

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

**From:** Roberts, Christopher  
**Sent:** Monday, July 19, 2010 11:23 AM  
**To:** Jastrzebski, Marysia  
**Subject:** RE: Request for limits - AR0044016-Ark. Dept. of Corrections- North Central Unit

Hmm. So it's been assumed to be a losing stream, but it's never been surveyed to determine one way or the other? What do you want to do? Keep assuming it's losing, or roll the limits back to what they would be for a non-losing stream? Give them non-losing numbers and require a study? How do you want me to proceed?

-----Original Message-----

**From:** Roberts, Christopher  
**Sent:** Monday, July 19, 2010 10:52 AM  
**To:** Jastrzebski, Marysia  
**Subject:** RE: Request for limits - AR0044016-Ark. Dept. of Corrections- North Central Unit

Looks like public comments suggested it might be a losing stream so the proposed limits were lowered in 1989 when the first permit was issued. Haven't found anything in Zylab

discussing whether or not Moccasin Creek (or the unnamed trib) really is a losing stream. I'll keep looking.

-----Original Message-----

From: Roberts, Christopher  
Sent: Monday, July 12, 2010 9:51 AM  
To: Jastrzebski, Marysia  
Subject: RE: Request for limits - AR0044016-Ark. Dept. of Corrections- North Central Unit

Have you figured out why the limits are so low? Is this a losing stream? I can look in Zylab if you haven't.

-----Original Message-----

From: Jastrzebski, Marysia  
Sent: Friday, July 09, 2010 3:50 PM  
To: Roberts, Christopher  
Subject: Request for limits - AR0044016-Ark. Dept. of Corrections- North Central Unit

Chris,

And one more:

ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY

MEMORANDUM

TO: Chris Roberts, P.E., Engineer

FROM: Marysia Jastrzebski, P.E., Engineer

DATE: July 9, 2010

SUBJECT: Update Effluent Limits

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Name of facility: Arkansas Department of Corrections-North Central Unit, IZARD County Facility

NPDES Permit No. AR0044016

NPDES Permit Expiration Date: 10/31/2010

NPDES Permit Due Date: 8/31/2010

Are there any changes from previously permit? Yes \_\_\_\_\_ NO  X

The following Effluent Limits and the receiving stream exist in WQMP, please confirm the accuracy:

Effluent Limits: (CBOD5/TSS/NH3-N/DO) (May-Oct.) = 10/15/3/5 mg/l

(CBOD5/TSS/NH3-N/DO) (Nov.-Apr.)= 10/15/5/5 mg/l

Q = 0.09 MGD

The receiving stream is: an unnamed tributary of Moccasin Creek, thence to Moccasin Creek, thence to the White River

Outfall Coordinates: Latitude: 36o 10' 11" Longitude: 92o 09' 24"

County: IZARD

Planning Segment: 4F