



Missouri
Department of
Natural Resources

DRAFT LATERAL #2 MAIN DITCH TMDL
PUBLIC COMMENTS

1ST Public Notice
March 25, 2008 – April 26, 2008

2nd Public Notice
Sept. 18, 2008 – Oct. 18, 2008

**Lateral #2 Main Ditch
WBID # 3105**

Stoddard County, Mo.

Missouri Department of Natural Resources
Water Protection Program
PO Box 176
Jefferson City, MO 65102-0176
800-361-4827 / 573-751-1300



Re: Comments on the Three Submitted TMDLs

Adkins.Tabatha to: John Hoke

06/16/2008 03:42 PM

Cc: Adkins.Tabatha, "Anne Peery", "Donna Menown", Perkins.Bruce, Schafer.Jeannette, Tucker.Sondra, White.Debby, White.Debby

History: This message has been replied to and forwarded.

John,

Lateral #2 Main Ditch -

The WLA section -

Figure 2 shows approximately a 75% and 20 % reduction needed at low flows. The Lemons Landfill East outfalls 001 and 002 have design flows at 4.2 and 8.9 MGD and WLAs of 1.4 and 2.98 tons/day. The LC at the 50 percentile of flow is 1.64 tons/day. The landfill point source could exceed the LC at this percentile of flow or even higher. This appears to be a significant source. This situation will need to be addressed in the TMDL.

Do you have/could you send an electronic copy of this permit?

Clarification on Mileage-

The mileage listed in the MO WQS table H would be what we need listed in the TMDL, if that mileage is incorrect a disclaimer or footnote could be included with the correct mileage and a reason for the discrepancy.

It looks like you have all of the comments on Lake and Mill Creeks.

TJ

"John Hoke"
<john.hoke@dnr.mo.gov>

06/13/2008 01:58 PM

To
Tabatha Adkins/R7/USEPA/US@EPA
cc
Tabatha Adkins/R7/USEPA/US@EPA,
"Anne Peery"
<anne.peery@dnr.mo.gov>, "Donna Menown"
<donna.menown@dnr.mo.gov>, Brandy McGhee/R7/USEPA/US@EPA, Bruce Perkins/R7/USEPA/US@EPA, Jeannette Schafer/R7/USEPA/US@EPA, Sondra Tucker/R7/USEPA/US@EPA, Debby White/R7/USEPA/US@EPA

Subject

Re: Comments on the Three Submitted TMDLs

Re: Comments on the Three Submitted TMDLs - John Hoke/WPCP/DEQ/MODNR

Thanks TJ.

Let me know when EPA has finished reviewing these TMDLs. We'll hold off on sending the final draft until all of EPA's comments have been incorporated or resolved. Thanks

John Hoke
Environmental Specialist IV, TMDL Unit Chief
Water Quality Monitoring & Assessment Section
Missouri Department of Natural Resources
Phone: (573) 526-1446 Fax: (573) 522-9920

Adkins.Tabatha@
epamail.epa.gov

06/12/2008
06:24 PM

"John Hoke" <john.hoke@dnr.mo.gov>

To
cc
"Donna Menown" <donna.menown@dnr.mo.gov>,
"Anne Peery" <anne.peery@dnr.mo.gov>,
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Subject
Comments on the Three Submitted TMDLs

John,

Here are some comments on the three submitted TMDLs there may be a few more but this is a start. Thanks for your patience.

TJ

Lake Creek-

Size of impaired Segment: 5.0 miles - Table H in the Missouri WQS lists Lake Creek as impaired for 4.3 miles.
Check Livestock census data.

Lateral #2 Main Ditch

Page 4, Table 2, Column titled Design Flow - include units
Page 4, Section 3.1, Point Sources - states 22 permits but Table 2 only has 21 listed.
Check Stoddard County Livestock census data.

Mill Creek -

The WQS Table H gives the mileage for the segment description provided as 5.0 miles. The TMDL lists the size of the impaired segment as 4.0 miles. Need to change the impaired segment mileage to 5.0 miles.

WBID 2124 was used on both the 1998 and 2002 303(d) lists. Please include both listing years in the explanation to document the change for future 303(d) lists.

Table 2 needs to include the units used for Design Flow.

As a sidenote, I thought you did a good job in the Nonpoint Sources section using more understandable language.

I checked the USDA census data and found an error in the number of broilers. I believe the table lists 159 AU of Broilers for Lincoln County. Please double check this number.

I also gave a cursory check of other livestock in the census data. The only other category which has comparable numbers are those given in Horses & Ponies of 1,216 AU. It seems reasonable to include this as a possible nonpoint source since it outnumbered the AU's of both dairy and poultry.

It would be good to include in Section 5 a sentence specifically stating the percent reduction in TSS anticipated.

Appendix D: Data for Mill Creek. Please consider listing in the notes the full spelling of "TSS" and "NTU".



Re: Lateral #2 Main Ditch - updated draft

Adkins.Tabatha to: John Hoke

09/09/2008 08:12 AM

History: This message has been replied to.

John,

Attached were some thoughts we had, see what you think. Thanks.

TJ

(See attached file: Lateral #2 Main Ditch_09-04-2008.doc)

Tabatha Adkins, TMDL Coordinator
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"John Hoke"
<john.hoke@dnr.m
o.gov>

09/08/2008 12:40
PM

To
Tabatha Adkins/R7/USEPA/US@EPA
cc
Bruce Perkins/R7/USEPA/US@EPA,
Debby White/R7/USEPA/US@EPA
Subject
Lateral #2 Main Ditch - updated
draft

Attached is an updated draft that should reflect comments on distribution of the WLA. Updates were made to Sections 6 and 7 of the document.

John Hoke
Environmental Specialist IV, TMDL Unit Chief
Water Quality Monitoring & Assessment Section
Missouri Department of Natural Resources
Phone: (573) 526-1446 Fax: (573) 522-9920 [attachment "Lateral #2
Main Ditch TMDL Final.doc" deleted by Tabatha Adkins/R7/USEPA/US]

Comments on 9/04/2008 revision of Lateral #2 Main Ditch (attached to e-mail from EPA on 9/9/08)

1. Include language that Lemons Landfill would discharge mostly due to storm event and would not be discharging during the 95th percentile of flow.
2. Keep 0.42 tons/day as WLA for 95th percentile of flow and remove language allocating it all to Lemons.
3. Table 6 - increase the WLA for 90th percentile of flow (and down) to 0.50 tons/day to account for all permit loading during any event.
4. Include language on location of Lemons Landfill at headwaters above impairment.
5. Include language on TSS settling.



Re: Lateral #2 Main Ditch - updated draft

Adkins.Tabatha to: John Hoke

09/10/2008 10:45 AM

History: This message has been replied to and forwarded.

Looks like it addresses all our comments. Thanks.

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"John Hoke"
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09/09/2008
03:54 PM

To
Tabatha Adkins/R7/USEPA/US@EPA
cc
Subject
Re: Lateral #2 Main Ditch -
updated draft

Please see pages 9 through 11 for updates. Thanks for your help and assistance with comments. If you see anything else you'd like for us to include or address, let me know. Thanks

John Hoke
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Adkins.Tabatha@epamail.epa.gov

09/09/2008 12:23 PM

To
"John Hoke"
<john.hoke@dnr.mo.gov>
cc

Subject
Re: Lateral #2 Main Ditch -
updated draft

"John Hoke"
<john.hoke@dnr.m
o.gov>

09/09/2008 09:19
AM

To
Tabatha Adkins/R7/USEPA/US@EPA
cc

Subject
Re: Lateral #2 Main Ditch -
updated draft

Thanks. We had discussed increasing the low-flow WLA from the 95th percentile to the 90th percentile across the board. It would allow for all permit loading during any event and there would no longer be a need to have the 0.42 tons/day under the WLA and Table 6. The 95th percentile was originally chosen to be consistent with other LDC approaches. Would this change be acceptable? Yes (If I'm reading this correctly). If not, we can increase the Table 6 WLA to the 90th percentile value and then add a sentence that explains the marginal increase is to account for all permit loading within the watershed of the impaired segment.

Also, where did you envision a comment on TSS settling would be appropriate? Thanks Possibly after the information about Lemons being in the head waters?? We just discussed that not all of the TSS would reach the bottom of the impaired segment and some settling would occur . Or maybe as part of an implicit MOS? since settling rates wasn't considered when calc. WLA and LA.

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