

From: Zach Shepherd

Sent: Friday, August 14, 2015 12:43 PM

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Subject: Gasconade River Results, August 10th-14th

To All,

Attached our the E.coli and Ammonia results from the Gasconade River this week. The geometric mean(5 week average) for the Weeks Hollow Outfall 001 is 164.5. Due to tearing the boat up the previous week we were unable to collect all of the samples this week, we only collected the outfall and the first downstream sample that we could collect from the bank. We will be able to continue on as we have been starting next week. If you have any questions or concerns please contact me via email and/or phone at any time.

Thanks,
Zach

Zach Shepherd

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Weekly E.coli and Ammonia Test Results For The Gasconade River

Sample Location	E.coli results	Ammonia Results	PDC E.coli Results	PDC Ammonia Results	Ammonia Test Date and Time
500 yds Upstream	n/a	n/a	n/a	n/a	___/___/___ at ___
Notes: _____					
Sample Date: _____ Sample Time: _____ Sample Depth: _____ E.coli Test Performed On ___/___/___ At _____ (am/pm) And Read On ___/___/___ at _____ (am/pm)					
Weeks Hollow Outfall	3.1	36.6	n/a	n/a	8/12/15 at 3:25 pm
Notes: _____					
Sample Date: 8-12-15 Sample Time: 1:35 pm Sample Depth: end of pipe E.coli Test Performed On 8/12/15 At 1:54 (am/pm) And Read On 8/13/15 at 1:56 (am/pm)					
200 yds Downstream	91	0.159	n/a	n/a	8/13/15 at 9:05 am
Notes: _____					
Sample Date: 8-12-15 Sample Time: 1:20 pm Sample Depth: 1' E.coli Test Performed On 8/12/15 At 1:56 (am/pm) And Read On 8/13/15 at 2:00 (am/pm)					
1500 yds Downstream	n/a	n/a	n/a	n/a	___/___/___ at ___
Notes: _____					
Sample Date: _____ Sample Time: _____ Sample Depth: _____ E.coli Test Performed On ___/___/___ At _____ (am/pm) And Read On ___/___/___ at _____ (am/pm)					
3000 yds Downstream	n/a	n/a	n/a	n/a	___/___/___ at ___
Notes: _____					
Sample Date: _____ Sample Time: _____ Sample Depth: _____ E.coli Test Performed On ___/___/___ At _____ (am/pm) And Read On ___/___/___ at _____ (am/pm)					
4000 yds Downstream	n/a	n/a	n/a	n/a	___/___/___ at ___
Notes: _____					
Sample Date: _____ Sample Time: _____ Sample Depth: _____ E.coli Test Performed On ___/___/___ At _____ (am/pm) And Read On ___/___/___ at _____ (am/pm)					

E.coli limits at or below 190 col. Per 100 ml are considered safe by Missouri Department of Natural Resources for full body contact.

All testing performed in the PCSD#1 Laboratories by Missouri State Certified Wastewater Operators unless noted otherwise.

PDC: Peoria Disposal Company Laboratories, Independent testing performed in Springfield, Missouri.

(All in house E.coli testing performed using the Idexx method. All in house Ammonia testing performed using the Hach DR 3900 method with distilled samples.)

(Independent testing will be performed once monthly on the 500 yd upstream/downstream and confluence samples.)

Lab Tech(s) Performing Test(print name(s): Patrick Sanders / Royce Runn Lab Tech(s) Signature: [Signatures] Date: 8-13-15