
From: Zach Shepherd

Sent: Friday, July 17, 2015 12:28 PM

To: Baker, Deborah; Doba, Israel; wallk@lpha.mopublic.org; Larry Helms; Savage-Clarke, Kristi; tony.kerley@dnr.mo.gov; Niemeyer, Randy; pcclerk@fidnet.com; Nola Wood

Cc: Gary Porter; Carl_Jensen71@yahoo.com; simpso@gmail.com; Tom Mills; Terris Cates

Subject: Gasconade River E.coli and Ammonia Results, July 13th-17th

To All,

Attached are the E.coli and Ammonia results from this week's Gasconade River testing. As shown in the results I would not recommend swimming in the direct location of our outfall at this time. With the high readings today the **geometric mean** for the last 5 weeks is **218.74**. We are taking another sample at this time, I will be sending out the results tomorrow as soon as I receive them. If you have any questions feel free to contact me via phone and/or email 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	79.8	0.088	n/a	n/a	<u>7/16/15</u> at <u>9:15 am</u>
Notes: _____					
Sample Date: <u>7-15-15</u> Sample Time: <u>7:51 am</u> Sample Depth: <u>1'</u> E.coli Test Performed On <u>7/15/15</u> At <u>9:21</u> (am/pm) And Read On <u>7/16/15</u> at <u>9:23</u> (am/pm)					
Weeks Hollow Outfall	727	18.08	n/a	n/a	<u>7/16/15</u> at <u>10:45 am</u>
Notes: _____					
Sample Date: <u>7-15-15</u> Sample Time: <u>8:42 am</u> Sample Depth: <u>end of pipe</u> E.coli Test Performed On <u>7/16/15</u> At <u>9:07</u> (am/pm) And Read On <u>7/17/15</u> at <u>9:08</u> (am/pm)					
200 yds Downstream	209.8	0.089	n/a	n/a	<u>7/15/15</u> at <u>1:20 pm</u>
Notes: _____					
Sample Date: <u>7-15-15</u> Sample Time: <u>7:49 am</u> Sample Depth: <u>1'</u> E.coli Test Performed On <u>7/15/15</u> At <u>9:17</u> (am/pm) And Read On <u>7/16/15</u> at <u>9:19</u> (am/pm)					
1500 yds Downstream	80.1	0.106	n/a	n/a	<u>7/15/15</u> at <u>12:10 pm</u>
Notes: _____					
Sample Date: <u>7-15-15</u> Sample Time: <u>7:54 am</u> Sample Depth: <u>1'</u> E.coli Test Performed On <u>7/15/15</u> At <u>9:13</u> (am/pm) And Read On <u>7/16/15</u> at <u>9:14</u> (am/pm)					
3000 yds Downstream	108.6	0.101	n/a	n/a	<u>7/15/15</u> at <u>10:30</u>
Notes: _____					
Sample Date: <u>7-15-15</u> Sample Time: <u>7:44 am</u> Sample Depth: <u>1'</u> E.coli Test Performed On <u>7/15/15</u> At <u>9:08</u> (am/pm) And Read On <u>7/16/15</u> at <u>9:09</u> (am/pm)					
4000 yds Downstream	90.9	0.115	n/a	n/a	<u>7/15/15</u> at <u>9:30 am</u>
Notes: _____					
Sample Date: <u>7-15-15</u> Sample Time: <u>7:41 am</u> Sample Depth: <u>1'</u> E.coli Test Performed On <u>7/15/15</u> At <u>9:05</u> (am/pm) And Read On <u>7/16/15</u> at <u>9:06</u> (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 S. / Royce R. Lab Tech(s) Signature: [Signature] / [Signature] Date: 7-17-15