

|           | Total       |       |     |     |      |       | Flow    |            |
|-----------|-------------|-------|-----|-----|------|-------|---------|------------|
|           | Phosphorous | CBOD5 | pH  | TSS | AN   | Fecal | Monthly | Daily Max* |
| 10/1/2010 | 4.6         | 2     | 6.3 | 8   | 5.4  | 2     | 31400   | 95000      |
| 11/1/2010 | 5.2         | 2     | 6.2 | 2.5 | 7    | 2     | 81300   | 95000      |
| 12/1/2010 | 3.4         | 2     | 6.2 | 2   | 1.5  | 2     | 47800   | 95000      |
| 1/1/2011  | 5.3         | 2     | 6.1 | 5.3 | 8.1  | 2     | 32290   | 95000      |
| 2/1/2011  | 5.9         | 2     | 6.3 | 2   | 9.2  | 104   | 36910   | 95000      |
| 3/1/2011  | 4.9         | 2     | 6   | 8   | 9    | 2     | 57300   | 95000      |
| 4/1/2011  | 5.5         | 2     | 6.7 | 2   | 4.5  | 38    | 59540   | 95000      |
| 5/1/2011  | 4.7         | 2     | 6.3 | 9   | 3.1  | 10    | 56220   | 95000      |
| 6/1/2011  | 4.9         | 2     | 6.1 | 12  | 5.3  | 24    | 124760  | 95000      |
| 7/1/2011  | 0           | 0     | 0   | 0   | 0    | 0     | 0       | 0          |
| 8/1/2011  | 4.6         | 2     | 6.3 | 4   | 10.5 | 412   | 57114   | 95000      |
| 9/1/2011  | 6           | 2     | 6.2 | 2   | 10.5 | 1200  | 75567   | 95000      |
| 10/1/2011 | 5.9         | 2     | 6.3 | 12  | 9.1  | 68    | 59604   | 95000      |
| 11/1/2011 | 4.9         | 2     | 6.3 | 4   | 5.3  | 16    | 66589   | 95000      |
| 12/1/2011 | 6.3         | 2     | 5   | 10  | 6.8  | 25    | 66270   | 95000      |
| 1/1/2012  | 5.6         | 2     | 6.1 | 8   | 9    | 2     | 52130   | 95000      |
| 2/1/2012  | 5.3         | 2     | 6.2 | 2   | 10.3 | 25    | 66715   | 95000      |
| 3/1/2012  | 5.9         | 2     | 6.3 | 2   | 8.5  | 2     | 67050   | 95000      |
| 4/1/2012  | 6.2         | 2     | 6.2 | 3   | 9.1  | 2     | 69240   | 95000      |
| 5/1/2012  | 6.3         | 2     | 6.2 | 10  | 14   | 2     | 128895  | 95000      |
| 6/1/2012  | 7           | 2     | 5.4 | 8   | 3.1  | 128   | 37835   | 95000      |
| 7/1/2012  | 7.1         | 2     | 6.1 | 2   | 3.3  | 20    | 55155   | 95000      |
| 8/1/2012  | 7.2         | 2     | 4   | 11  | 7    | 18    | 111770  | 95000      |
| 9/1/2012  | 6.4         | 2     | 6.7 | 8   | 0.1  | 482   | 92580   | 95000      |
| 10/1/2012 | 5.9         | 2     | 6.1 | 4   | 1.2  | 224   | 100980  | 95000      |
| 11/1/2012 | 5.7         | 2     | 7.7 | 10  | 10.2 | 212   | 107415  | 95000      |
| 12/1/2012 | 6.9         | 2     | 7.3 | 6   | 11.1 | 100   | 89490   | 95000      |
| 1/1/2013  | 6.6         | 2     | 7.2 | 6   | 10.2 | 46    | 114720  | 95000      |
| 2/1/2013  | 6.8         | 2.8   | 6.6 | 18  | 9.9  | 40    | 106595  | 95000      |
| 3/1/2013  | 4.2         | 3.4   | 6.7 | 2   | 2.3  | 2     | 172285  | 95000      |
| 4/1/2013  | 5.7         | 2.2   | 7.6 | 6   | 3.7  | 364   | 165445  | 95000      |
| 5/1/2013  | 6.6         | 3     | 7.5 | 10  | 0.4  | 118   | 215270  | 95000      |
| 6/1/2013  | 7.1         | 2     | 7.7 | 2   | 4    | 206   | 196985  | 95000      |
| 7/1/2013  | 0           | 0     | 0   | 0   | 0    | 0     | 0       | 0          |
| 8/1/2013  | 0.3         | 2     | 7.1 | 6   | 0.9  | 332   | 318780  | 95000      |
| 9/1/2013  | 6.9         | 2     | 7.2 | 2   | 0.4  | 48    | 406250  | 95000      |
| 10/1/2013 | 4.7         | 2     | 7.7 | 4   | 0.4  | 72    | 577419  | 95000      |
| 11/1/2013 | 3.6         | 2     | 6.5 | 2   | 0.2  | 208   | 547746  | 95000      |
| 12/1/2013 | 5.8         | 2     | 7.7 | 14  | 0.2  | 204   | 484820  | 95000      |
| 1/1/2014  | 5.2         | 3     | 8.8 | 4   | 0.1  | 12    | 605495  | 95000      |
| 2/1/2014  | 5.6         | 3     | 6.2 | 2   | 3.4  | 114   | 261680  | 95000      |
| 3/1/2014  | 5.6         | 2     | 8.1 | 2   | 2.7  | 4     | 387935  | 95000      |
| 4/1/2014  | 3.5         | 2     | 6.8 | 8   | 5.5  | 34    | 287860  | 95000      |

|           |     |     |     |     |      |      |        |       |
|-----------|-----|-----|-----|-----|------|------|--------|-------|
| 5/1/2014  | 5.6 | 2   | 6.1 | 6   | 0.5  | 1000 | 463600 | 95000 |
| 6/1/2014  | 7.7 | 2   | 7.1 | 8   | 1.3  | 125  | 388670 | 95000 |
| 7/1/2014  | 7.4 | 2   | 6.3 | 22  | 3.1  | 608  | 501500 | 95000 |
| 8/1/2014  | 7.3 | 7.2 | 6.7 | 10  | 6.3  | 72   | 418840 | 95000 |
| 9/1/2014  | 6.8 | 10  | 7.8 | 8   | 1.8  | 212  | 532900 | 95000 |
| 10/1/2014 | 6   | 3   | 5.6 | 6   | 6.7  | 62   | 454965 | 95000 |
| 11/1/2014 | 6   | 6   | 7.9 | 7.5 | 4.3  | 194  | 455005 | 95000 |
| 12/1/2014 | 6   | 9   | 7.5 | 12  | 4.2  | 2800 | 587475 | 95000 |
| 1/1/2015  | 6.3 | 8   | 7.2 | 12  | 3.9  | 8    | 168425 | 95000 |
| 2/1/2015  | 5.6 | 2   | 7.7 | 4   | 12.6 | 1700 | 769105 | 95000 |
| 3/1/2015  | 7.9 | 6   | 7.4 | 14  | 8.3  | 8    | 525069 | 95000 |
| 4/1/2015  | 7.9 | 7.8 | 6.8 | 12  | 12.1 | 54   | 491751 | 95000 |
| 5/1/2015  | 6.5 | 3.5 | 6.4 | 10  | 9.2  | 508  | 595995 | 95000 |
| 6/1/2015  | 6   | 2   | 6.2 | 8   | 12.9 | 800  | 516615 | 95000 |
| 7/1/2015  |     |     |     |     |      |      |        |       |

|            |        |    |         |    |        |      |   |   |
|------------|--------|----|---------|----|--------|------|---|---|
| Limit      | Report | 15 | 6.0-9.0 | 15 | Report | 2000 |   |   |
| Violations | 2      | 2  | 6       | 4  | 2      | 3    | 2 | 2 |

Notes

\*The daily max flow has not been reported correctly. 95,000 gpd is what the treatment system is capability of treating not the actual flow. 52520 gpd is what the drip fields are able to accomodate; therefore, the limit would be 52520 gpd.

**From:** [Ungerank, Colby](#)  
**To:** [Deardoff, Amy](#)  
**Subject:** FW: 4815-WR-4\_NMR Review.xlsx  
**Date:** Friday, July 10, 2015 10:59:23 AM  
**Attachments:** [4815-WR-4\\_NMR Review.xlsx](#)

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Web please

Colby

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**From:** Ungerank, Colby  
**Sent:** Friday, July 10, 2015 10:54 AM  
**To:** Healey, Richard; Johnson, Miles; McDonald, Scott  
**Cc:** Solaimanian, Jamal  
**Subject:** 4815-WR-4\_NMR Review.xlsx

Richard,

Attached is my review of the above reference permit NMR. The facility has multiple violations. Please let me know Enforcements plans.

Colby