



State of Ohio Environmental Protection Agency

Southwest District Office

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Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director

July 3, 2007

Mr. Duane Campbell
Village Administrator
104 West South Street
Arcanum, Ohio 45304

**Re: Arcanum NPDES No. 1PB00000*GD/OH0020940 – Darke County
Self Monitoring Report Notice of Violation – June 2006 through May 2007**

Dear Mr. Duane Campbell:

We have reviewed your Monthly Operating Reports (MORs) covering the months of June 2006 through May 2007 for the referenced facility. Our review indicates violations of the conditions of your NPDES Permit (NPDES Permit # OH0020940; OEPA Permit # 1PB00000*GD). The specific instances of noncompliance and/or deficiencies were as follows:

| Final Effluent Limit Violations For Outfall 001 | | | | | | |
|---|----------------|------------|--------|---------------|----------------|--|
| Reporting Period | Parameter | Limit Type | Units | Permit Limits | Reported Value | |
| June 2006 | CBOD5 | Monthly | mg/l | 15.0 | 16.9 | |
| June 2006 | Fecal Coliform | Monthly | mg/l | 1000 | 2521.40 | |
| June 2006 | TSS | Monthly | mg/l | 20 | 38 | |
| June 2006 | TSS | Monthly | kg/day | 30.2 | 38.8 | |
| June 2006 | TSS | Weekly | mg/l | 30 | 46.5 | |
| June 2006 | TSS | Weekly | kg/day | 45.4 | 54.8 | |
| June 2006 | pH | Daily | mg/l | 9.0 | 9.1 | |
| June 2006 | TSS | Weekly | mg/l | 30 | 39.5 | |
| June 2006 | DO | Daily | mg/l | 5.0 | 4.95 | |
| June 2006 | DO | Daily | mg/l | 5.0 | 4.7 | |
| June 2006 | Fecal Coliform | Weekly | mg/l | 2000 | 6782.3 | |
| June 2006 | TSS | Weekly | mg/l | 30 | 45 | |
| June 2006 | DO | Daily | mg/l | 5.0 | 4.8 | |
| June 2006 | DO | Daily | mg/l | 5.0 | 4.8 | |
| June 2006 | DO | Daily | mg/l | 5.0 | 4.8 | |
| July 2006 | CBOD5 | Monthly | mg/l | 15.0 | 18.4 | |
| July 2006 | TSS | Weekly | mg/l | 30 | 57 | |
| July 2006 | TSS | Weekly | kg/day | 45.4 | 54.3 | |

| Final Effluent Limit Violations For Outfall 001-cont. | | | | | |
|---|----------------|------------|--------|---------------|----------------|
| Reporting Period | Parameter | Limit Type | Units | Permit Limits | Reported Value |
| July 2006 | TSS | Monthly | mg/l | 20 | 55.6 |
| July 2006 | TSS | Monthly | kg/day | 30.2 | 66.9 |
| July 2006 | DO | Daily | mg/l | 5.0 | 4.9 |
| July 2006 | Fecal Coliform | Weekly | mg/l | 2000 | 2236.06 |
| July 2006 | TSS | Weekly | mg/l | 30 | 48 |
| July 2006 | DO | Daily | mg/l | 5.0 | 4.8 |
| July 2006 | Fecal Coliform | Weekly | mg/l | 2000 | 2017.42 |
| July 2006 | TSS | Weekly | mg/l | 30 | 57 |
| July 2006 | TSS | Weekly | kg/day | 45.4 | 65.5 |
| July 2006 | DO | Daily | mg/l | 5.0 | 4.8 |
| July 2006 | Fecal Coliform | Weekly | mg/l | 2000 | 2877.5 |
| July 2006 | TSS | Weekly | mg/l | 30 | 60.5 |
| July 2006 | TSS | Weekly | kg/day | 45.4 | 104.9 |
| July 2006 | DO | Daily | mg/l | 5.0 | 4.8 |
| August 2006 | CBOD5 | Monthly | mg/l | 15.0 | 18.1 |
| August 2006 | DO | Daily | mg/l | 5.0 | 4.7 |
| August 2006 | Fecal Coliform | Weekly | mg/l | 2000 | 2302.12 |
| August 2006 | Fecal Coliform | Monthly | mg/l | 1000 | 1468.20 |
| August 2006 | TSS | Weekly | mg/l | 30 | 56 |
| August 2006 | TSS | Weekly | kg/day | 45.4 | 71.3 |
| August 2006 | TSS | Monthly | mg/l | 20 | 69.5 |
| August 2006 | TSS | Monthly | kg/day | 30.2 | 82.8 |
| August 2006 | DO | Daily | mg/l | 5.0 | 4.1 |
| August 2006 | DO | Daily | mg/l | 5.0 | 3.5 |
| August 2006 | DO | Daily | mg/l | 5.0 | 4.4 |
| August 2006 | TSS | Weekly | mg/l | 30 | 70 |
| August 2006 | TSS | Weekly | kg/day | 45.4 | 72.5 |
| August 2006 | TSS | Weekly | mg/l | 30 | 85 |
| August 2006 | TSS | Weekly | kg/day | 45.4 | 98.8 |
| August 2006 | pH | Daily | mg/l | 9.0 | 9.2 |
| August 2006 | Fecal Coliform | Weekly | mg/l | 2000 | 3101.6 |
| August 2006 | TSS | Weekly | mg/l | 30 | 67 |
| August 2006 | TSS | Weekly | kg/day | 45.4 | 88.7 |
| September 2006 | CBOD5 | Monthly | mg/l | 15.0 | 18 |
| September 2006 | Fecal Coliform | Weekly | mg/l | 2000 | 4613 |
| September 2006 | Fecal Coliform | Monthly | mg/l | 1000 | 2302 |
| September 2006 | TSS | Weekly | mg/l | 30 | 56 |
| September 2006 | TSS | Weekly | kg/day | 45.4 | 85.6 |

| Final Effluent Limit Violations For Outfall 001- cont. | | | | | | |
|--|------------------------|------------|--------|---------------|----------------|--|
| Reporting Period | Parameter | Limit Type | Units | Permit Limits | Reported Value | |
| September 2006 | TSS | Monthly | mg/l | 20 | 44.5 | |
| September 2006 | TSS | Monthly | kg/day | 30.2 | 50.2 | |
| September 2006 | TSS | Weekly | mg/l | 30 | 33 | |
| September 2006 | Fecal Coliform | Weekly | mg/l | 2000 | 3391 | |
| September 2006 | TSS | Weekly | mg/l | 30 | 46 | |
| September 2006 | TSS | Weekly | kg/day | 45.4 | 51.3 | |
| September 2006 | TSS | Weekly | mg/l | 30 | 43 | |
| October 2006 | Fecal Coliform | Monthly | mg/l | 1000 | 2896.4 | |
| October 2006 | TSS | Monthly | mg/l | 20 | 37.1 | |
| October 2006 | TSS | Monthly | kg/day | 30.2 | 43.9 | |
| October 2006 | Fecal Coliform | Weekly | mg/l | 2000 | 3888 | |
| October 2006 | TSS | Weekly | mg/l | 30 | 44 | |
| October 2006 | Fecal Coliform | Weekly | mg/l | 2000 | 3124 | |
| October 2006 | TSS | Weekly | mg/l | 30 | 38.5 | |
| October 2006 | TSS | Weekly | kg/day | 45.4 | 60.4 | |
| October 2006 | Fecal Coliform | Weekly | mg/l | 2000 | 2956 | |
| October 2006 | TSS | Weekly | mg/l | 30 | 36.5 | |
| October 2006 | TSS | Weekly | kg/day | 45.4 | 48.2 | |
| November 2006 | TSS | Monthly | mg/l | 30 | 32.5 | |
| November 2006 | Oil and Grease, Hexane | Daily | mg/l | 10.0 | 12 | |
| November 2006 | TSS | Weekly | kg/day | 68.2 | 70.2 | |
| March 2007 | Ammonia | Weekly | kg/day | 9.4 | 13.6 | |
| March 2007 | Ammonia | Monthly | mg/l | 4.1 | 4.5 | |
| March 2007 | Ammonia | Monthly | kg/day | 6.2 | 8.5 | |
| March 2007 | Oil and Grease, Hexane | Daily | mg/l | 10.0 | 27.8 | |
| April 2007 | pH | Daily | mg/l | 9.0 | 9.1 | |
| April 2007 | pH | Daily | mg/l | 9.0 | 9.2 | |
| April 2007 | pH | Daily | mg/l | 9.0 | 9.3 | |
| April 2007 | pH | Daily | mg/l | 9.0 | 9.5 | |
| April 2007 | pH | Daily | mg/l | 9.0 | 9.3 | |
| April 2007 | pH | Daily | mg/l | 9.0 | 9.5 | |
| April 2007 | pH | Daily | mg/l | 9.0 | 9.1 | |
| April 2007 | pH | Daily | mg/l | 9.0 | 9.1 | |
| April 2007 | pH | Daily | mg/l | 9.0 | 9.1 | |
| May 2007 | CBOD5 | Monthly | mg/l | 15.0 | 19.5 | |
| May 2007 | Ammonia | Weekly | mg/l | 2.3 | 2.4 | |
| May 2007 | TSS | Monthly | mg/l | 20 | 40.5 | |
| May 2007 | TSS | Monthly | kg/day | 30.2 | 34.6 | |

Mr. Duane Campbell
July 3, 2007
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| Final Effluent Limit Violations For Outfall 001- cont. | | | | | | |
|--|----------------|------------|--------|---------------|----------------|--|
| Reporting Period | Parameter | Limit Type | Units | Permit Limits | Reported Value | |
| May 2007 | TSS | Weekly | mg/l | 30 | 40.5 | |
| May 2007 | CBOD5 | Weekly | mg/l | 23.0 | 25.5 | |
| May 2007 | Fecal Coliform | Weekly | mg/l | 2000 | 4472.13 | |
| May 2007 | TSS | Weekly | mg/l | 30 | 53. | |
| May 2007 | TSS | Weekly | kg/day | 45.4 | 55.1 | |
| May 2007 | pH | Daily | mg/l | 9.0 | 9.1 | |
| May 2007 | pH | Daily | mg/l | 9.0 | 9.2 | |
| May 2007 | pH | Daily | mg/l | 9.0 | 9.4 | |
| May 2007 | TSS | Weekly | mg/l | 30 | 46. | |
| May 2007 | pH | Daily | mg/l | 9.0 | 9.3 | |
| May 2007 | pH | Daily | mg/l | 9.0 | 9.1 | |
| May 2007 | pH | Daily | mg/l | 9.0 | 9.5 | |

Please be advised that failure to comply with the effluent limitations or to satisfy the monitoring or reporting requirements of your NPDES Permit may be cause for enforcement action pursuant to the Ohio Revised Code Chapter 6111.

We have received your reports addressing the reasons for the above violations except for May 2007. Your explanation is not satisfactory and we request, within ten days of receipt of this letter, written information as to what additional steps you take to prevent further occurrences. Future violations must continue to be reported as required by the NPDES Permit as detailed in Part III.12 titled "Noncompliance Notification."

If you have any questions regarding the above, please contact me at (937) 285-9749.

Sincerely,



Laura Pohlman
Division of Surface Water
Permit Section

cc: Darke County Health Department