



Environmental
Protection Agency

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

May 29, 2012

David Ruff, Operator
Saint John's Evangelical Lutheran Church
12809 State Route 736
Marysville, OH 43040

Re: **Saint John's Evangelical Lutheran Church**
NPDES Permit 4PT00006/ OH0102008
Reconnaissance Inspection
Union County

Dear Mr. Ruff:

On May 16, 2012, a Reconnaissance Inspection was conducted at the Saint John's Evangelical Lutheran Church. Present for the inspection were you, the operator of the plant, and Mike Gallaway and myself of the Ohio EPA, Central District Office, Division of Surface Water. The purpose of the inspection was to discuss the complaint made by Dan Block of the quality of the effluent.

Findings:

1. Attached are compliance tables between February 2012 and May 2012. The April results showed an improvement in treatment. However, due to habitual effluent violations a Compliance Schedule will be placed within the permit renewal where the church will be responsible for submitting a report determining how permit limits will be consistently met and then making necessary repairs and upgrades to the treatment system.
2. During the inspection, piping in the clarifier was in need of repair. You were in the process of getting the necessary supplies to repair it. **Please notify me when the repairs are complete.**
3. In response to the inspection done on March 6, 2012, you have made modifications to the post-aeration piping to prevent air leaks.
4. If you have not submitted a permit renewal application, **a renewal application must be submitted immediately.**
5. The church has been investigating expanding its operations. Please note that the treatment capacity is 3,500 GPD and any expansion should not increase projected waste water usage to higher than the design rate.

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6. The effluent looked to be a well-treated effluent. The effluent discharges to a tile which drains a farm field to the northeast. The tile ultimately discharges to Buck Run which had clear water running to it.

If you have any questions or comments concerning the enclosed inspection report, please contact me at (614) 728-3846 or e-mail at cole.miller@epa.ohio.gov.

Sincerely,



Cole Miller
Environmental Specialist
Compliance and Enforcement Unit
Division of Surface Water
Central District Office

cc: Cole Miller
Dan Block, dan@danautumn.com

NPDES Compliance Inspection Report

SECTION A: NATIONAL DATA SYSTEM CODING

| | | | | |
|-----------------|------------|-----------------|---------------------|----------------------------|
| Permit # | NPDES # | Inspection Type | Inspector | Facility Type |
| 4PT00006 | OH0102008 | RI | S | 2 |
| Inspection Date | Entry Time | Exit Time | Notice of Violation | Significant Non-Compliance |
| 5/16/2012 | 12:15 PM | 12:45 PM | No | No |

SECTION B: FACILITY DATA

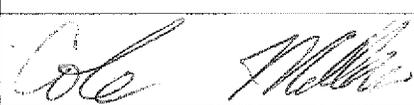
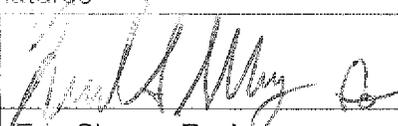
| | |
|---|------------------------|
| Name and Location of Facility Inspected | Permit Effective Date |
| Saint John's Evangelical Lutheran Church | 7/1/2007 |
| | Permit Expiration Date |
| | 6/30/2012 |
| Name(s) and Title(s) of On-Site Representatives | Phone Numbers |
| David Ruff, Operator | |
| Name and Title of Responsible Official | Phone Number |
| David Ruff, Operator | |

SECTION C: AREAS EVALUATED DURING INSPECTION

Key: S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated

| | | |
|---|--------------------------|--|
| U | NPDES Compliance | |
| M | Operations & Maintenance | |
| S | Facility Site Review | |
| S | Collection System | |
| N | Flow Measurement | |
| S | Receiving Waters | |
| N | Laboratory | |

Comments:

| | |
|--|--|
| Signatures | |
|  5/25/12 |  5/25/12 |
| Cole Miller, Inspector Compliance & Enforcement Division of Surface Water Central District Office | Erin Sherer, Reviewer Compliance & Enforcement Supervisor Division of Surface Water Central District Office |

Compliance Data for Saint John's Evangelical Lutheran Church between 2/1/2012 to 5/1/2012

Summary

Permit Effluent Limit Violations: 9
 Permit Effluent Code Violations: 0
 Permit Effluent Frequency Violations: 0
 Compliance Schedule Violations: 0

| Limit Violations | | | | | | |
|------------------|---------|-------------------------|------------|-------|----------------|----------------|
| Reporting Period | Station | Parameter | Limit Type | Limit | Reported Value | Violation Date |
| February 2012 | 001 | Nitrogen, Ammonia (NH3) | 30D Conc | 3.0 | 5.2 | 2/1/2012 |
| February 2012 | 001 | Nitrogen, Ammonia (NH3) | 1D Conc | 4.5 | 5.2 | 2/6/2012 |
| February 2012 | 001 | Dissolved Oxygen | 1D Conc | 6.0 | 1.7 | 2/13/2012 |
| February 2012 | 001 | Dissolved Oxygen | 1D Conc | 6.0 | 1.5 | 2/20/2012 |
| March 2012 | 001 | Nitrogen, Ammonia (NH3) | 30D Qty | 0.040 | .04633 | 3/1/2012 |
| March 2012 | 001 | Nitrogen, Ammonia (NH3) | 30D Conc | 3.0 | 10.2 | 3/1/2012 |
| March 2012 | 001 | Total Suspended Solids | 30D Conc | 12 | 14. | 3/1/2012 |
| March 2012 | 001 | Nitrogen, Ammonia (NH3) | 1D Conc | 4.5 | 10.2 | 3/5/2012 |
| April 2012 | 001 | Dissolved Oxygen | 1D Conc | 6.0 | 5.9 | 4/16/2012 |