



Environmental
Protection Agency

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

May 29, 2012

Mr. Don Hock, Quality Control and Safety Manager
Superior Glass Fibers, Inc.
Bremen Plant
P.O. Box 89, 499 North Broad Street
Bremen, OH 43107

**Re: Superior Glass Fibers, Inc., Bremen Plant
NPDES Permit 4IN00053/ OH0055182
Compliance Evaluation Inspection
Fairfield County**

Dear Mr. Hock:

On May 22, 2012, a Compliance Evaluation Inspection was conducted at the Superior Glass Fibers, Inc., Bremen Plant. Present for the inspection were yourself, representing Superior Glass Fibers, Inc. and myself of the Ohio EPA, Central District Office, Division of Surface Water.

The purpose of the inspection was to evaluate compliance with the terms and conditions of your NPDES permit and to evaluate the operation and maintenance of the plant. Please see the comments in the attached inspection report for details regarding the inspection. In most respects, the facility was operating satisfactorily with regard to their wastewater permit.

If you have any questions or comments concerning the enclosed inspection report, please contact me at (614) 728-3854 or e-mail at paul.vandermeer@epa.ohio.gov.

Sincerely,

Paul L. Vandermeer
Environmental Specialist
Compliance and Enforcement Unit
Division of Surface Water
Central District Office

ec: Paul Vandermeer

PLV/nsm Superior Glass Glass Fibers

NPDES Compliance Inspection Report

SECTION A: NATIONAL DATA SYSTEM CODING

Permit #	NPDES #	Inspection Type	Inspector	Facility Type
4IN00053	OH0055182	CEI	S	2
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
5/22/2012	9:27 AM	10:20 AM	No	No

SECTION B: FACILITY DATA

Name and Location of Facility Inspected	Permit Effective Date
Superior Glass Fibers, Inc., Bremen Plant 499 N. Broad Street Bremen, OH 43107	5/1/2008
	Permit Expiration Date
	4/30/2013
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
Don Hock, Quality Control and Safety Manager	(740) 569-4175
Name and Title of Responsible Official	Phone Number
Don Hock, Quality Control and Safety Manager	(740) 569-4175

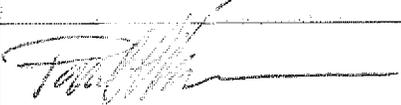
SECTION C: AREAS EVALUATED DURING INSPECTION

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

S	NPDES Compliance	December 2010 pH issues addressed. No violations since.
S	Operations & Maintenance	Non-contact cooling water discharge only.
S	Facility Site Review	
N	Collection System	
S	Flow Measurement	Portable weir used to determine discharge each day.
S	Receiving Waters	
N	Laboratory	All parameters analyzed by outside lab (TCCI)

Comments:

Signatures

	5/24/12		5/24/12
Paul L. Vandermeer, Inspector Compliance & Enforcement Division of Surface Water Central District Office	Date	Mike Gallaway, Reviewer Section Manager Division of Surface Water Central District Office	Date

Attachment

Compliance Summary:

Permit Effluent Limit Violations: 32

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
November 2010	001	Water Temperature	30D Conc	18.3	19.8466	11/1/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/1/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/2/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/3/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/4/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/5/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/6/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/7/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/8/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/9/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/10/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/11/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/12/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/13/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/14/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/15/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/16/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/17/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/18/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/19/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/20/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/21/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/22/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/23/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/24/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/25/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/26/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/27/2010
December 2010	001	pH	1D Conc	6.5	5.9	12/28/2010
December 2010	001	pH	1D Conc	6.5	6.1	12/29/2010
December 2010	001	pH	1D Conc	6.5	6.1	12/30/2010
December 2010	001	pH	1D Conc	6.5	6.1	12/31/2010

SECTION D: PERMIT VERIFICATION

- (a) Correct name and mailing address of permittee Y
- (b) Correct name and location of receiving waters Y
- (c) Products and production rates conform with permit application Y
- (d) Flows and loadings conform with NPDES permit..... Y
- (e) Treatment processes are as described in permit application NA*
- (f) New treatment process added since last inspection N
- (g) Notification given to State of new, different or increased discharges NA
- (h) All discharges are permitted..... Y
- (i) Number and location of discharge points are as described in permit..... Y

Comments: *Non-contact cooling water discharge only.

SECTION E: COMPLIANCE

- (a) Any significant violations since the last inspection Y*
- (b) Permittee is taking actions to resolve violations..... Y*
- (c) Permittee has a compliance schedule N
- (d) Permittee is meeting compliance schedule..... NA

Comments: *pH violations were related to sampling error. The lone temperature violation has not recurred. Both violations were corrected and the facility has exhibited no NPDES permit limit violations since December 2010.

SECTION F: OPERATION AND MAINTENANCE

- (a) Standby power available
If yes, what type
- (b) Adequate alarm system available for power or equipment failures
- (c) All treatment units in service other than backup units
- (d) Wastewater Treatment Works classification
- (e) Operator of Record holds unexpired license of class required by Permit
Class held: I
- (f) Copy of certificate of Operator of Record displayed on-site
- (g) Minimum operator staffing requirements fulfilled
- (h) Routine and preventative maintenance scheduled and performed
- (i) Any major equipment breakdown since last inspection
- (j) Operation and maintenance manual provided and maintained
- (k) Any plant bypasses since last inspection
- (l) Regulatory agency notified of bypasses
By MOR and/or Spill Hotline (1-800-282-9378)
- (m) Any hydraulic or organic overloads since last inspection

Comments: Section not applicable.

SECTION G: RECORD KEEPING

- a) Log book provided
- b) Format of log book (i.e. computer log, hard bound book)
- c) Log books kept onsite in an area protected from weather
- d) Log book contains the following:
 - i) Identification of treatment works
 - ii) Date/times of arrival/departure for Operator of Record and any other operator required by OAC 6743-7
 - iii) Daily record of operation and maintenance activities (including preventative maintenance) performed at treatment levels
 - iv) Laboratory results for test of compliance (e.g. effluent test results)
 - v) Identification of person making log entries
- e) Has the Operator of Record submitted written notification to the permittee, Ohio EPA and any applicable local environmental agencies when a collection system overflow, treatment plant bypass or effluent limit violation has occurred?

Comments: Section not applicable.

SECTION H: COLLECTION SYSTEM

- a) Percent combined system
- b) Any collection system overflows since last inspection N
 CSO SSO
- c) Regulatory agency notified of overflows Y
- d) CSO O&M plan provided and implemented
- e) CSOs monitored and reported in accordance with permit Y
- f) Portable pumps are used to relieve system Y
- g) Lift station alarms provided and maintained Y
- h) Lift stations equipped with permanent standby power or equivalent Y
- i) Is there an inflow/infiltration problem (separate sewer system), or were there any major repairs to collection system since last inspection N
- j) Any complaints received since last inspection of basement flooding N
- k) Are any portions of the sewer system at or near capacity N
- l) Are operations changed during high-flow events? N

Comments: Section not applicable.

SECTION I: SLUDGE MANAGEMENT

- a) Sludge management plan (SMP) last audited by Ohio EPA:
 Audit Date:
- b) Sludge adequately disposed
 Method:
- c) If sludge is incinerated, where is ash disposed of:

- d) Is sludge disposal contracted
Name:
- e) Has amount of sludge generated increased significantly
- f) Adequate sludge storage provided at plant
- g) Records kept in accordance with state and federal law
- h) Any complaints received last year regarding sludge
- i) Is sludge adequately processed (digestion, pathogen control)

Comments: Section not applicable.

SECTION J: SELF-MONITORING PROGRAM

- a) Primary flow measuring device operated and maintained Y*
Type of device: *Removable weir* Device location: *added to outfall*
- b) Calibration frequency adequate NA
Date of last calibration: *NA*
- c) Secondary instruments operated and maintained NA
- d) Flow measurements equipment adequate to handle full range of flows Y
- e) Actual flow discharged is measured Y
- f) Flow measuring equipment inspection frequency Daily
- g) Sampling location(s) are as specified by permit Y
- h) Parameters and sampling frequency agree with permit Y
- i) Monitoring records (i.e., flow, pH, DO) maintained for a minimum of three years including all original strip chart recordings (i.e. continuous monitoring instrumentation, calibration and maintenance records) Y

Comments: Potable water usage and discharge monitoring using the weir are typically very close to the same value. The facility may choose to utilize a daily potable water meter reading for the effluent flow with quarterly double-checking using the weir. If the values begin to diverge, then resume using the weir for daily flow readings.

SECTION K: Laboratory

- a) EPA applicable analytical testing procedures used (40 CFR 136.3) Y
- b) If alternate procedures are used, are they properly approved? NA
- c) Analysis performed more frequently NA
If yes, are results recorded in permittee's report? NA
- d) Commercial laboratory used:
Name: *TCCI Laboratory*
Parameters analyzed: *All NPDES parameters*
- e) Quality assurance manual provided and maintained NA
- f) Calibration and maintenance of instruments is satisfactory? NA

Comments:

SECTION L: EFFLUENT/RECEIVING WATER OBSERVATIONS

Outfall Number	Outfall sign in place	Oil Sheen	Grease	Turbidity	Foam	Solids	Color	Other
001	Yes	None	None	None	None	None	Clear	

Comments:

SECTION M: MULTIMEDIA OBSERVATIONS

- a) Are there indications of sloppy housekeeping or poor maintenance in work and storage areas or laboratories N
- b) Do you notice staining or discoloration of soils, pavement or floors N
- c) Do you notice distressed (unhealthy, discolored, dead) vegetation N
- d) Do you see unidentified dark smoke or dust clouds coming from sources other than smokestacks N
- e) Do you notice any unusual odors or strong chemical smells N
- f) Do you see any open or unmarked drums, unsecured liquids, or damaged containment facilities N

If any of the above are observed, ask the following questions:

- 1) What is the cause of the condition?
- 2) Is the observed condition or source a waste product?
- 3) Where is the suspected contaminant normally disposed?
- 4) Is this disposal permitted?
- 5) How long has the condition existed and when did it begin?

Comments: