



Environmental  
Protection Agency

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

May 16, 2012

Beth Mowrey, VP Environmental  
Shelly Materials, Inc., Plant 63  
P.O. Box 266  
Thornville, OH 43076

**Re: Shelly Materials Inc Plant 63  
NPDES Permit 4IJ00110/ OH0136468  
Compliance Evaluation Inspection  
Licking County**

Dear Ms. Mowrey:

On May 10, 2012, a Compliance Evaluation Inspection was conducted at the Shelly Materials, Inc., Plant 63 near St. Louisville in Licking County. Present for the inspection were Mary Novak of Dine Comply representing Shelly Materials 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 discharge from the quarry. The following items require attention:

- The facility shall reinstall a sign adjacent to the quarry outfall to the North Fork Licking River. The sign shall comply with the terms and conditions listed in the NPDES permit 4IJ00110, Part 2.G. Please submit a photograph of the installed sign to Paul Vandermeer.
- The facility shall test to ensure that the gauge markings on the outfall structure represent accurate flows by providing annual calibration. The facility shall perform a calibration and submit the results of this calibration to Paul Vandermeer.

Please submit responses to the above listed items via e-mail (address listed below) by June 8, 2012. 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](mailto:paul.vandermeer@epa.ohio.gov).

Sincerely,

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

c: File Copy

ec: Paul L. Vandermeer

PLV/nsm Shelly Materials St. Louisville

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NPDES Compliance Inspection Report

**SECTION A: NATIONAL DATA SYSTEM CODING**

Permit #	NPDES #	Inspection Type	Inspector	Facility Type
4IJ00110	OH0136468	CEI	S	2
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
5/10/2012	11:50 AM	12:50 PM	No	No

**SECTION B: FACILITY DATA**

Name and Location of Facility Inspected	Permit Effective Date
Shelly Materials Inc Plant 63 6824 Mt. Vernon Rd. Newark, OH	2/1/2012
	Permit Expiration Date
	1/31/2017
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
Mary Novak, Project Manager, Dine Comply Rich Priest	(740) 389-2076 (740) 403-0186
Name and Title of Responsible Official	Phone Number
Beth Mowrey, VP Environmental	(740) 246-5009

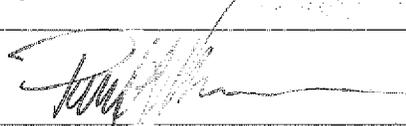
**SECTION C: AREAS EVALUATED DURING INSPECTION**

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

S	NPDES Compliance	Outfall signage appeared to have been stolen.
S	Operations & Maintenance	Berms along the river did not appear to be eroded or compromised. Facility was not discharging.
S	Facility Site Review	All drainage appeared to be going into the pit.
N	Collection System	
S*	Flow Measurement	Flow is determined via markings (gauge) on outfall structure.
S	Receiving Waters	River was high and outfall pipe was closed to prevent the river from flowing into the pit.
N	Laboratory	Entity sends pH and TSS samples to Shelly's Thornville office for testing.

Comments: \*Calibration of outfall structure flow gauge needed annually.

Signatures

	5/16/12		5/16/12
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

**Compliance Data for Shelly Materials, Inc., Plant 63 between 5/1/2009 to 5/1/2012**

**Summary**

Permit Effluent Limit Violations: 0

Permit Effluent Code Violations: 0

Permit Effluent Frequency Violations: \* 2

Compliance Schedule Violations: 0

Frequency Violations							
Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date	
May 2009	001	Total Suspended Solids	1/2Weeks	1	0	05/15/2009	
May 2009	001	pH	1/2Weeks	1	0	05/15/2009	

**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 ..... Y
- (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:

**SECTION E: COMPLIANCE**

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

Comments:

**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: |
- (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: Outfall structure functional. Berms separating the quarry pit from the river were not eroded or compromised.

**SECTION G: RECORD KEEPING**

- a) Log book provided
- b) Format of log book (i.e. computer log, hard bound book)
- c) Log book(s) 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 3745-7
  - iii) Daily record of operation and maintenance activities (including preventative maintenance, repairs and request for repairs)
  - iv) Laboratory results (unless documented on bench sheets)
  - 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 H: COLLECTION SYSTEM**

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

Comments:

**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 changed 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 J: SELF-MONITORING PROGRAM**

- a) Primary flow measuring device operated and maintained..... Y  
Type of device: *Gauge* Device location: *Outfall pipe*
- b) Calibration frequency adequate ..... N  
Date of last calibration: *Not known*
- 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:

**SECTION K: Laboratory**

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

Comments: \*The facility has a representative from the Thornville office obtain pH and TSS samples in accordance with the ND PES permit. This individual performs the analysis for TSS at the Thornville office and performs the pH is analysis on site using a sensor. No one at the facility has anything to do with sampling or analysis.

**SECTION L: EFFLUENT/RECEIVING WATER OBSERVATIONS**

Outfall Number	Outfall sign in place	Oil Sheen	Grease	Turbidity	Foam	Solids	Color	Other
001	No*	**	**	**	**	**	**	

Comments: \*Sign appeared to have been stolen. \*\*No discharge due to high flows in the receiving waters. Outfall gate was closed to prevent backup of stream into the quarry pit.

**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: