



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

August 8, 2013

RE: CUYAHOGA COUNTY
CITY OF CLEVELAND
INDUSTRIAL STORM WATER
GRANGER RECYCLED MATERIALS
3GR00955*EG

Ken Martin, Owner, VP
Granger Recycled Materials
3926 Valley Road
Cleveland, OH 44109

NOTICE OF VIOLATION

Dear Mr. Martin:

On June 26, 2013, Ohio EPA conducted an inspection at the Granger Recycled Materials facility located at 3926 Valley Road. Our inspection's purpose was to determine compliance with the Ohio EPA General Storm Water National Pollutant Discharge Elimination System (NPDES) Permit for Industrial Activity #OH000005. The site's industrial activities are categorized by the Standard Industrial Classification (SIC) Code 5093: Scrap Recycling & Waster Recycling Facilities except Source-Separated Materials. This corresponds to Subsector N1 in Part 8 of the NPDES permit. During the inspection, you represented Granger Recycled Materials. Josh Bewley and I represented the Ohio EPA.

Storm Water Pollution Prevention Plan (SWPPP)

The facility currently has coverage under the Ohio EPA General NPDES Permit 3GR00955*EG. Our records show that the permit for your facility was issued July 31, 2006. Part 5 of the NPDES Permit requires one to create and implement a Storm Water Pollution Prevention Plan (SWPPP). During the inspection, your facility's SWPPP was reviewed. While the facility did have a SWPPP present, it is important to make sure that all necessary parts that are listed in Part 5 of the NPDES Permit are included and followed throughout the site. Failure to do so will result in violations against the NPDES Permit.

Storm Water Outfalls

Our records show that general permit coverage for your facility was renewed on April 1, 2012. The Notice of Intent (NOI) submitted by Granger Recycled Materials to renew coverage and the Site Map indicate that there is only one outfall from this facility. However, our site inspection indicates that there are three undocumented outfalls along with the one outfall noted on the NOI. The three unidentified outfalls were all points of weakness in the berm where concentrated flows of water escaped directly into Big Creek, which borders the lot. The outfall on the NOI was not identified during the inspection. We were under the impression that this was the drains in the employee/customer parking lot. If this is correct, then there are a total of four outfalls coming from your site. If the drains from the parking lot did not have trucks drive over them while entering and exiting the lot they would not be considered as being exposed to industrial activity. In this case they would not need to be included, but during the inspection we were informed by you that they are exposed to the truck traffic. All outfalls must be identified on the NOI. To correct this error, please either submit a revised NOI or letter to our Central Office acknowledging the additional 3 outfalls. For each outfall, identify the SIC and subsector codes associated with the outfall as well as the latitude and longitude.

There are no federal effluent limitations for storm water discharges from this facility. The revised NOI or letter should be sent **within 14 days** of this letter to:

Jason Fyffe
Ohio EPA Division of Surface Water
P.O. Box 1049
Columbus, OH 43216-1049

The NOI can be found on our website at:
http://www.epa.ohio.gov/dsw/permits/GP_IndustrialStormWater.aspx.

It appears that the four total outfalls can be reduced to two representative outfalls for purposes of quarterly visual assessment and benchmark monitoring. The SWPPP must identify which outfalls are substantially identical. In this case, the three newly identified outfalls along the back of the lot can be considered substantially identical since they are treating the same drainage area with the same exposed materials. The other outfall would be the one on the NOI that was not identified. One outfall within each group of substantially identical outfalls should be selected for benchmark monitoring throughout the term of the general permit. Quarterly visual assessment must be rotated amongst all the outfalls within each group over the term of the general permit.

Monitoring, Recordkeeping and Reporting

Ohio EPA reviewed recordkeeping associated with required site inspections and storm water monitoring. Our inspection revealed the following violations of the NPDES permit:

- **Failure to conduct employee training at least once per year and maintain documentation such as training materials and attendance records.** This is a violation of Part 2.1.2.9 and 7.5 of the NPDES permit and ORC 6111.04 and 6111.07. Granger Recycled Materials was unable to produce training records to demonstrate that any employee training has been conducted. Training must be more frequent for business with high employee turnover. I would like to inform you of training tapes that can be obtained through the Ohio EPA's Office of Compliance Assistance and Pollution Prevention (OCAPP) by contacting Tamara Girard at (330) 963-1200 as well as presentations available at www.epa.gov/npdes/training.
- **Failure to sign the document for the presence of non-storm water discharges and the elimination of all unauthorized discharges.** This is a violation of Part 2.1.2.10 and 5.1.3.4 of the NPDES permit. Granger Recycled Materials was able to locate documentation proving the evaluation for the presence of non-storm water discharges and the elimination of all unauthorized discharges but the document was not signed. It is understood that it was in the process of getting updated by a hired consultant, Gary Nied, and was printed out during the inspection. Just be sure to sign the updated SWPPP as soon as possible and include that this action was completed in your letter of response.
- **Failure to have a SWPPP team member present during the Annual Site Inspection.** This is a violation of Part 4.3.1 of the NPDES permit. It was discussed that the annual site inspection is done by a hired consultant, Gary Nied. It is required by Part 4.3.1 of the NPDES Permit that one of the Storm Water Pollution Prevention Team Members is present during this inspection. To prevent any further violations, either add Gary Nied to the team within the SWPPP or have one of your current team members, Angelo Martin, Mike Horvath, or yourself,

conduct and document the annual site inspection. According to the SWPPP it is Mike Horvath and Angelo Martin's responsibility to see these inspections through. The SWPPP needs to be updated to reflect the correct and current situation.

In addition to these violations, Ohio EPA noted the following:

- While the Annual Comprehensive Site Inspection was conducted, it did not show all the pertinent information that is required. It is required by the NPDES Permit Part 7.2 to use the form supplied by Ohio EPA in Appendix I. Please ensure that Granger Recycled Materials uses the required form for all future Annual Reports summarizing the findings of the Comprehensive Site Inspection and the corrective actions taken as a result.

The inspection sheets used showed minimal information. Ohio EPA does supply templates for all recordkeeping and inspection forms and they can be found at the following link under the section for "Guidance & Permit Compliance Documents":

http://epa.ohio.gov/dsw/permits/GP_IndustrialStormWater.aspx

- There were no incidences of significant spills or leaks reported in the spill log. Please note that any release of petroleum-based product of 25 gallons or more on the ground or a spill that results in sheen on a water of the state is a reportable quantity and must be listed as a significant spill or leak.
- A site map was presented during the inspection but it did not meet all of the permit's requirements. Update the site map to include the following:
 - All existing structural control measures
 - All storm water conveyances including ditches, pipes, and swales
 - Potential pollutant sources
 - Where significant spills or leaks have occurred
 - All storm water monitoring points
 - Storm water inlets and outfalls, with a unique identification code for each outfall, indicating if you are treating one or more as "substantially identical", and an approximate outline of the areas draining into each outfall
 - All non-storm water discharges including a description of each
 - Fueling stations, vehicle and equipment maintenance and/or cleaning area, loading/unloading area, areas used for treatment, storage, or disposals of water, liquid storage tanks, processing and storage areas, immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste materials, or by-products used or created by the facility, transfer areas for substances in bulk, and machinery
 - Run-on to your site from adjacent property that contains significant quantities of pollutant including the sources
 - Municipal separate storm sewer systems, where your storm water discharges to them

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- Granger Recycled Materials has conducted benchmark monitoring for pH, Total Suspended Solids (TSS), Chemical Oxygen Demand (COD), and Oil/Grease. Please note that at least four benchmark samples must be taken before the end of Year 3 of the NPDES permit, i.e., December 31, 2014. Since this testing was done in 2008 it is no longer valid. At least one benchmark sampling must be taken during each of the quarterly monitoring periods stipulated in Part 6.1.7 of the NPDES permit. For parameters that are hardness-dependent, please refer to Appendix J for how to determine the hardness value of the receiving stream. Ohio EPA data indicates that the mean hardness of Big Creek is 283 mg/L. This facility, Granger Recycled Materials, is required to test for COD, TSS, and Total Recoverable Aluminum, Copper, Lead, and Zinc. Results of benchmark monitoring must be reported to Ohio EPA within 30 days of receiving results from the lab. Results must be reported using Ohio EPA's e-DMR system. Information on setting up an account is available at: www.epa.ohio.gov/dsw/edmr/eDMR.aspx

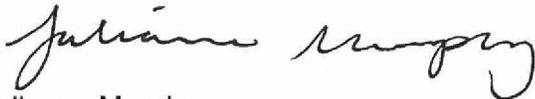
Site Inspection

1. All waste dumpsters need to be covered with a tarp or lid. **(See Fig 2)**
2. There were multiple observed oil sheens in the pooled water on the site. Be sure that these are cleaned up immediately so there is not a chance that it can reach the bordering creek. Also be sure to locate the source of these spills and eliminate it to prevent further pollution. **(See Fig 1)**
3. There were areas in the back of the lot which were not being used that need to be stabilized to prevent any sediment pollution into Big Creek. This area was also very close to one of the newly identified outfalls. Stabilize this area with grass seed or another preventative action to insure that the dirt is not getting washed away. **(See Fig 3)**

Please provide this office with a letter of response, no later than **August 21, 2013**, indicating the actions you will take to address the concerns and violations noted above.

If you should have any questions concerning this letter, feel free to contact Dan Bogoevski at (330) 963-1145 or by e-mail at dan.bogoevski@epa.ohio.gov.

Sincerely,



Julianna Murphy
Assistant to the District Engineer
Division of Surface Water

JM:ddw

- cc: Angelo Martin, Jr. President, Granger Recycled Materials
Mike Horvath, Site Service Manager, Granger Recycled Materials
Gary J. Nied, Manager HSEC/ICS, Fabricated Products Group H.C. Starck Inc.
- ec: Dan Bogoevski, DSW, NEDO
Jason Fyffe, DSW, CO

GRANGER RECYCLED MATERIALS
Cleveland Cuyahoga County

Photos Taken: June 26, 2013
By: Julianna Murphy, DSW, NEDO



Figure 1: One of a few observed oil sheens on the sight.



Figure 2: Uncovered dumpster on site.



Figure 3: Non stabilized land that leads directly to the newly identified outfall that drains into Big Creek.