



February 26, 2021

MARK THAYER  
MT SHEARING LLC  
PO BOX 36  
ROWAN IA 50470

Subject: **Notice of Violation** – NPDES General Permit #1 Requirements  
NPDES No. 20486-20254

Dear Mr. Thayer:

Mr. David Knoll, Environmental Specialist with this office, conducted a storm water inspection of your facility on February 24, 2021. Compliance with storm water discharge permit requirements was evaluated and a field inspection report is enclosed for your file. I concur with the content of the report.

**Mr. Knoll determined that there are required actions you must take to be in compliance with National Pollution Discharge Elimination System General Permit #1.** Please see the required actions listed at the end of the report. It is noted the permit renewal has already been completed and no further action on this item is required at this time.

Please submit a written response to this office, **within 15 days receipt** of this letter, describing the actions you have taken, or will take, to correct the deficiencies. Please submit your written response to: Iowa Department of Natural Resources, attn: Mr. David Knoll, 2300 15<sup>th</sup> St. SW, Mason City, IA 50401 or david.knoll@dnr.iowa.gov.

Should you have questions, please feel free to contact Mr. Knoll at 641-903-1985.

Sincerely,

**FIELD SERVICES & COMPLIANCE BUREAU**

A handwritten signature in black ink, appearing to read "Trent Lambert", is written over a horizontal line.

Trent Lambert  
Field Office Supervisor

TL/dk

Enclosure: Storm Water Inspection Report



IOWA DEPARTMENT OF NATURAL RESOURCES  
ENVIRONMENTAL SERVICES DIVISION – Field Office #2

NPDES General Permit #1 Inspection Report  
For Industrial Activities

Facility Name: MT Shearing, LLC NPDES No.: 20486-20254 Permit Issued: 8/01/2011 Valid Through: 8/01/2022	Owner: Mark Thayer MT Shearing, LLC PO Box 36, Rowan, IA 50470 Primary Contact: Same Phone Number: 515-298-2139	Persons Interviewed: Mark Thayer - Owner
<b>Type of Inspection</b> <input checked="" type="checkbox"/> Routine Compliance Inspection <input type="checkbox"/> Follow-Up Compliance Inspection <input type="checkbox"/> Complaint Investigation <input type="checkbox"/> Site Visit	Inspection Date: 2/24/2021 Inspection Time: 11:15 AM Previous Inspection: NA Site Location: 610 Patton Street Rowan, IA 50470	Inspection Weather: Cloudy, 35 F  Recent Rainfall: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Comments: Snowmelt Runoff

The following items are required to comply with Subrule 567 IAC 64.3(1): Refer to Storm Water General Permit #1

"C" means the requirement is "in compliance." "NC" means the requirement is "not in compliance." "NA" means that the requirement is "not applicable."

Part III.C. of General Permit #1	C	NC	NA
1. NOI is complete, PPP was completed prior to submittal of NOI, proof of public notice.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Plan is signed in accordance with Part VI.G and is retained on site	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. The plan has been amended based on changes in design, construction, operation or maintenance or if PPP proved to be ineffective.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Pollution Prevention Plan includes the following:			
<b>A. Description of Potential Pollutant Sources</b>			
(1). Site map (drainage area, stormwater outfalls, existing structural controls, surface water bodies)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2). Narrative description of materials that have been treated, stored or disposed, in a manner to allow exposure to storm water during 3 years prior to discharge authorization, method and location of storage or disposal, and management practices to minimize contact with water.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3). List of releases which prompted the existence of a hazardous condition	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(4). For each area of the plant with potential to contain pollutants, the direction of flow and type of pollutant present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(5). Summary of existing sampling data	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>B. Storm Water Management Controls</b>			
(1). Responsible person identified	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2). Risk identification and assessment / materials inventory: include an inventory of the types of materials handled, quantity of the chemical used, potential for contact with stormwater, history of "hazardous condition reporting" (including SARA Title III chemicals)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a) loading and unloading operations			
b) outdoor storage activities			
c) outdoor manufacturing or processing activities			
d) dust or particulate generating processes			
e) on-site waste disposal practices			
(3). Preventive maintenance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(4). Good housekeeping	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(5). Spill prevention and response procedures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(6). Storm water management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(7). Sediment and erosion prevention	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(8). Employee training (including dates of periodic training)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(9). Record keeping and internal reporting procedures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(10). Non-storm discharges: certification of testing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>C. Visual Inspection: no less than once a year.</b>			
(1). Material handling areas and other areas identified in the PPP	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2). Based on results of inspection, plan must be revised within 2 weeks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3). Report summarizing inspection must be signed and retained for at least 3 years (included date, inspector, observations, action taken)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



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<b>Part III.C. of General Permit #1 Continued</b>	<b>C</b>	<b>NC</b>	<b>NA</b>
<b>D. Special Requirements for Storm Water Discharges Through Municipal Separated Storm Sewer Systems.</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>E. Consistency with Other Plans</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>F. Additional Requirements for Storm Water Discharges From Facilities Subject to SARA Title III Section 313 Requirements</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>G. Salt Storage</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>H. Non-Storm Water Discharges</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Part IV. of General Permit #1</b>			
<b>Numeric Effluent Limitations: Coal Pile Runoff</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Part V. of General Permit #1</b>			
<b>A. Failure to Certify:</b> if certification was not provided under Part III.C.4(B)(10).	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>B. Monitoring Requirements:</b> see general permit #1 for specific facilities that have specific monitoring requirements.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>C. Noncompliance Reporting</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>D. Reporting</b>			
1. For permittees subject to <u>Numeric Effluent Limitations</u> , must submit signed copies of discharge monitoring results within 30 days after sampling occurred.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. All sampling results must be retained on site.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Additional Notification: if discharging through a municipal separate storm sewer system, signed monitoring results must be submitted to the operator of the municipal system.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>E. Retention of Records:</b> Storm water permit, monitoring records, copies of all reports required by the permit, and records of all data used to prepare the NOI must be retained on site for at least 3 years.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

#### Facility Description:

MT Shearing, LLC is a metal recycling facility located in Rowan, IA. The site has not previously been inspected for storm water requirements, however solid waste inspections have occurred at the facility. I performed an inspection at the site in response to non-renewal of the facility's GP#1 permit since 2019. The facility immediately renewed the permit the same day I notified them of the expired permit violation.

#### SWPPP and Records Review:

I met with Mark Thayer, owner, who provided me with a copy of the SWPPP to review. The copy of the SWPPP provided had last been updated in 2015. Mr. Thayer reported no changes related to storm water discharge had occurred since that date.

The SWPPP contained the required elements. Records showed employee training and the non-storm water discharge assessment had been conducted. Mr. Thayer also had record of the required annual visual inspection report for 2019. He was not able to provide documentation of the 2020 inspection, but stated he and his wife do perform the inspection each year. The facility currently only had three vehicles on site and therefore no water monitoring is required.

#### Site Observations:

Mr. Thayer then provided a tour of the scrap yard. The vast majority of the storage for scrap material is on concrete. The site had active runoff occurring due to snowmelt. It is noted this was the first significant snowmelt that had occurred for a few months. The runoff drains into a municipal storm water intake on the southeast portion of the property. I observed the runoff water and it was mostly clear. There was a very slight sheen in one of the runoff streams coming from near the office building area, however there were no obvious sources of contamination observed. We discussed spill clean-up procedures and Mr. Thayer stated he has absorbents on hand to use as needed.

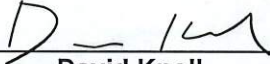
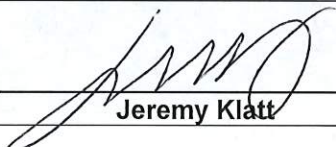
There was a substantial amount of loose metal scrap stored outside, however it appeared to be mostly free from oily residue. I observed no sheens in the snowmelt water coming from the various scrap pile areas, although there was some sediment accumulated around the piles. These areas should be closely monitored as there is a direct conduit from the facility grounds to the storm water intake. Mr. Thayer stated he does watch for any contamination in the runoff and explained it is easy to observe this due to the runoff occurring on concrete.

There were several tires in various locations at the facility, some were stored inside and some were not. It is noted that the facility is limited to 500 passenger tire equivalents and it appeared at least half of this limit was currently present. A 300 gallon diesel fuel tank was in a concrete secondary containment area. This location was still covered in snow, however the nearby concrete showed no evidence of previous spills or leaks. Containers of used oil and other fluids are kept inside a building.

**Required Actions:**

The following actions are required for compliance with General Permit #1 and Iowa Administrative Code Subrule 567 IAC 64.3(1).

- 1. The storm water permit (General Permit #1) had expired for more than one year prior to the recent renewal. Ensure no lapses in storm water permit coverage occur by renewing the permit prior to the expiration date. It is noted the facility's current permit coverage now expires on August 1, 2022. (Subrule 567 IAC 64.3(1))**
- 2. Visual site inspections must take place on an annual basis and the resulting reports kept for three years. (Part III. of General Permit #1)**
- 3. Continue taking necessary precautions to prevent discharge of pollutants by employing general housekeeping and immediately cleaning any spills. The facility should pay close attention to the various outdoor storage areas of scrap material and runoff to the storm water intake. (Part III. of General Permit #1)**

Inspector Signature:  David Knoll	Date: 2/26/2021
Reviewer Signature:  Jeremy Klatt	Date: 2/26/21



Site Photo from 2/24/2021:



Photo 1: Overview of scrap yard area and drainage to storm water intake (2/24/2021).