

Application Type New
Facility Type Storm Water
Major / Minor Minor

**NPDES PERMIT FACT SHEET
INDIVIDUAL INDUSTRIAL WASTE (IW)
AND IW STORMWATER**

Application No. PA0271934
APS ID 983064
Authorization ID 1255604

Applicant and Facility Information

Applicant Name	<u>Gould, Inc.</u>	Facility Name	<u>Gould Wood Products</u>
Applicant Address	<u>184 Gould Lane</u> <u>Mahaffey, PA 15757-6830</u>	Facility Address	<u>4722 Pike Road</u> <u>Stump Creek, PA 15767</u>
Applicant Contact	<u>John Gould</u>	Facility Contact	<u></u>
Applicant Phone	<u>(814) 590-3418</u>	Facility Phone	<u></u>
Client ID	<u>346903</u>	Site ID	<u>828809</u>
SIC Code	<u>2400</u>	Municipality	<u>Henderson Township</u>
SIC Description	<u>Lumber And Wood Products</u>	County	<u>Jefferson</u>
Date Application Received	<u>December 13, 2018</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>February 27, 2019</u>	If No, Reason	<u></u>
Purpose of Application	<u>New NPDES Permit for a discharge of stormwater associated with industrial activity.</u>		

Summary of Review

Anti-degradation procedures were followed since this permit involves a previously unpermitted discharge to a High Quality (HQ) designated stream. This new discharge to a HQ stream has satisfied antidegradation requirements of 25 Pa code Chapter 93.4 by evaluating non-discharge alternatives to the Departments satisfaction and indicating through implementing BMPs that the discharge should be non-degrading. A special condition with parameter benchmark values to be achieved, and requirements for a corrective action plan if benchmark values are not achieved, was included in the draft permit. Page 3 of this Fact Sheet details how the permittee plans to demonstrate that the discharge will be non-degrading.

The Department's Waterways and Wetlands Program has reviewed the "Post Construction Stormwater Management Plan" and "Erosion and Sedimentation Control Plan" for this site and found them to be acceptable. These plans will be incorporated in this permit.

There are currently no open violations listed in EFACTS for the Permittee (3/02/2020).

Public Participation

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

Approve	Deny	Signatures	Date
X		Adam J. Pesek, E.I.T. / Environmental Engineering Specialist	
X		Justin C. Dickey, P.E. / Environmental Engineer Manager	

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0</u>
Latitude	<u>41° 0' 29.24"</u>	Longitude	<u>-78° 48' 55"</u>
Quad Name	<u>Du Bois</u>	Quad Code	<u>01015</u>
Wastewater Description: <u>Stormwater associated with industrial activity</u>			
Receiving Waters	<u>Unnamed Tributary to East Branch Mahoning Creek</u>	Stream Code	<u>47994</u>
NHD Com ID	<u>123857043</u>	RMI	<u>1.85</u>
Drainage Area	<u></u>	Yield (cfs/mi ²)	<u></u>
Q ₇₋₁₀ Flow (cfs)	<u>0</u>	Q ₇₋₁₀ Basis	<u>Dry swale</u>
Elevation (ft)	<u>1511</u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>17-D</u>	Chapter 93 Class.	<u>HQ-CWF</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<u></u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>ALGAE, NUTRIENTS, SILTATION</u>		
Source(s) of Impairment	<u>GRAZING IN RIPARIAN OR SHORELINE ZONES</u>		
TMDL Status	<u>Final (3/27/2007)</u>	Name	<u>East Branch Mahoning Creek (AMD)</u>
Nearest Downstream Public Water Supply Intake	<u>PA American Water Company Punxsutawney</u>		
PWS Waters	<u>East Branch Mahoning Creek</u>	Flow at Intake (cfs)	<u></u>
PWS RMI	<u>1.12</u>	Distance from Outfall (mi)	<u>4.85</u>

Changes Since Last Permit Issuance:

Other Comments: The TMDL only addresses segments of the watershed upstream of the confluence of the unnamed tributary on East Branch Mahoning Creek. Therefore, no monitoring requirements or waste load allocations are necessary in relation to the TMDL.

The overflow from the retention pond (Outfall 001) travels approximately 400 feet via a dry swale prior to confluence with Tributary 49784 where perennial conditions exist.

Development of Effluent Limitations

Outfall No.	001	Design Flow (MGD)	0
Latitude	41° 0' 29.24"	Longitude	-78° 48' 55"
Wastewater Description: Stormwater associated with industrial activities.			

Technology-Based Limitations

Comments: N/A

Water Quality-Based Limitations

Comments: No water quality modeling was conducted due to this being a discharge of stormwater only.

Best Professional Judgment (BPJ) Limitations

Comments: In accordance with the Department's SOP entitled "Establishing Effluent Limitations for Individual Industrial Permits," effluent limits and monitoring requirements contained in the PAG-03 General Permit, Appendix D – Timber Products, including benchmark values, will be incorporated into this permit. These parameters include pH, total suspended solids, and oil & grease. Unlike the PAG-03 General Permit, the trigger for submitting for, and the initiation of, a corrective action plan was made more stringent due to the discharge being to a HQ-designated watershed.

Monitoring for parameters listed in Module 1 of the NPDES Industrial Waste Permit Application will be incorporated into the permit to demonstrate compliance with the "non-degrading discharge" condition of 25 Pa. Code Chapter 93.4a. A continual assurance of this will be done through the establishment of benchmark values (from Permit Application Instructions) in Part C of the NPDES Permit which must be met. (In general, DEP considers these benchmark values to be indicative of No Exposure Conditions and therefore considered "non-degrading." If benchmark values are exceeded, the permittee will need to reevaluate the BMPs being implemented onsite as part of a corrective action plan.

Anti-Backsliding

Comments: N/A

Anti-Degradation

Comments: The Department has determined that the permittee meets anti-degradation requirements of Chapter 93.4 by implementing structural BMPs in the "Pennsylvania Stormwater BMP Manual (DEP ID: 363-0300-002)" utilizing wet ponds and water capture and reuse practices (BMP 6.5.2.). The detention basin proposed is designed to detain runoff from the 1-year and 2-year storm event. Upon exceeding the permanent pool elevation in the basin, water from the basin will be pumped out and re-used as part of the mulch processing activities on-site. A Social and Economic Justification is not required since the discharge is considered "Non-Degrading."

Other Considerations

The receiving stream is impaired due to habitat alterations and nutrients, contributed mainly by agriculture, onlot septic systems, and loss of riparian vegetation. The Department believes that stormwater from this site will not have a significant impact on the stream impairment for reasons discussed in the anti-degradation section above (stormwater retention and condition of "No Exposure").

Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (362-0400-001), SOPs and/or BPJ.

Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
BOD5	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
COD	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
TSS	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Nitrogen	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: Outfall 001 (prior to mixing with any other waters)

Other Comments: Benchmark values for each parameter found in Part C of the permit should be consistently met for this stormwater discharge.