

Application Type Renewal
Facility Type Storm Water
Major / Minor Minor

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

Application No. PA0264920
APS ID 1053710
Authorization ID 1379788

Applicant and Facility Information

| | | | |
|---------------------------|--|------------------|--|
| Applicant Name | <u>Commercial Asphalt Supply</u> | Facility Name | <u>Commercial Asphalt Supply Fennelton</u> |
| Applicant Address | <u>161 Plain Grove Road PO Box 672 Valencia, PA 16059-1523</u> | Facility Address | <u>3000 Old Route 422 E Fennelton, PA 16034-9745</u> |
| Applicant Contact | <u>Timothy Shields</u> | Facility Contact | <u>Jesse Campbell</u> |
| Applicant Phone | <u>(724) 443-3294</u> | Facility Phone | <u>724-321-0066</u> |
| Client ID | <u>191061</u> | Site ID | <u>811979</u> |
| SIC Code | <u>2951</u> | Municipality | <u>Clearfield Township</u> |
| SIC Description | <u>Manufacturing - Asphalt Paving Mixtures And Blocks</u> | County | <u>Butler</u> |
| Date Application Received | <u>December 23, 2021</u> | EPA Waived? | <u>Yes</u> |
| Date Application Accepted | <u></u> | If No, Reason | <u></u> |
| Purpose of Application | <u>NPDES permit renewal for an existing industrial stormwater discharge.</u> | | |

Summary of Review

This is a permit renewal for an industrial stormwater discharge to a High Quality (HQ) stream. Stormwater runoff is collected into onsite retention ponds prior to discharge. *This renewal is for an existing facility and no additional or increased discharges are proposed. Therefore, an anti-degradation analysis is not required per the Department's October 11, 2013 SOP "New and Reissuance Industrial Waste and Industrial Stormwater Individual NPDES Permit Applications". CWY 12/15/2023*

Act 14 proof of notification has been received.

There are currently no open violations listed in EFACTS for the Permittee (September 27, 2023). *CWY 12/15/2023*

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 | | Jordan A. Frey, E.I.T. Jordan A. Frey, E.I.T. / Project Manager | September 27, 2023 |
| X | | Chad W. Yurisc Chad W. Yurisc, P.E. / Environmental Engineer Manager | 12/15/2023 |

| Discharge, Receiving Waters and Water Supply Information | | | |
|--|--|------------------------------|------------------------|
| Outfall No. | <u>001</u> | Design Flow (MGD) | <u>0</u> |
| Latitude | <u>40° 50' 54.72"</u> | Longitude | <u>-79° 43' 14.94"</u> |
| Quad Name | <u>Worthington</u> | Quad Code | <u>40079G6</u> |
| Wastewater Description: <u>Stormwater</u> | | | |
| Receiving Waters | <u>Unnamed Tributary to Buffalo Creek (HQ-TSF)</u> | Stream Code | <u>42669</u> |
| NHD Com ID | <u>123973686</u> | RMI | <u>0.4300</u> |
| Drainage Area | <u>0.02</u> | Yield (cfs/mi ²) | <u>0.1</u> |
| Q ₇₋₁₀ Flow (cfs) | <u>0.002</u> | Q ₇₋₁₀ Basis | <u>Default</u> |
| Elevation (ft) | <u>1400</u> | Slope (ft/ft) | <u>---</u> |
| Watershed No. | <u>18-F</u> | Chapter 93 Class. | <u>HQ-TSF</u> |
| Existing Use | <u></u> | Existing Use Qualifier | <u></u> |
| Exceptions to Use | <u></u> | Exceptions to Criteria | <u></u> |
| Assessment Status | <u>Attaining Use(s)</u> | | |
| Cause(s) of Impairment | <u></u> | | |
| Source(s) of Impairment | <u></u> | | |
| TMDL Status | <u></u> | Name | <u></u> |
| Background/Ambient Data | | Data Source | |
| pH (SU) | <u>7.0</u> | Default | <u></u> |
| Temperature (°F) | <u>25</u> | Default | <u></u> |
| Hardness (mg/L) | <u>100</u> | Default | <u></u> |
| Other: | <u></u> | | <u></u> |
| Nearest Downstream Public Water Supply Intake | <u>Harrison Township Water Authority</u> | | |
| PWS Waters | <u>Allegheny River</u> | Flow at Intake (cfs) | <u></u> |
| PWS RMI | <u>24.2</u> | Distance from Outfall (mi) | <u>22</u> |

Changes Since Last Permit Issuance: None

Other Comments: The discharge is to a small marsh/wetlands area which enters an ephemeral stream for approximately 0.4 miles prior to entering the unnamed tributary of Buffalo Creek at RMI 0.43.

Development of Effluent Limitations

| | | | |
|--------------------------------|-----------------------|--------------------------|------------------------|
| Outfall No. | <u>001</u> | Design Flow (MGD) | <u>0</u> |
| Latitude | <u>40° 50' 59.00"</u> | Longitude | <u>-79° 42' 45.00"</u> |
| Wastewater Description: | <u>Stormwater</u> | | |

Technology-Based Limitations

Comments: The production of hot mix asphalt concrete, which will be conducted at this site, falls under 40 CFR 443 Subpart B. There will be no process wastewater produced onsite, nor will any storm water come into contact with any raw material, intermediate product, byproduct, or product used in or resulting from the manufacturing process, therefore the ELG does not apply to this facility.

Water Quality-Based Limitations

Comments: No water quality modeling was done since this permit is for 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 M, 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 Module 1 instructions) In Part C of the NPDES Permit which must be met.

Additional Considerations

There should be no discharge of stormwater unless a storm event occurs which is more than a 24-hour duration 2-year storm event, due to stormwater controls being installed and implemented.

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" (386-0400-001), 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 water.

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