

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

Application Type Amendment, Major
Facility Type Industrial
Major / Minor Major

Application No. PA0006254 A-3
APS ID 1026483
Authorization ID 1332646

Applicant and Facility Information

Applicant Name	<u>BVPV Styrenics LLC</u>	Facility Name	<u>Beaver Valley Site</u>
Applicant Address	<u>400 Frankfort Road</u> <u>Monaca, PA 15061-2212</u>	Facility Address	<u>400 Frankfort Road</u> <u>Monaca, PA 15061-2212</u>
Applicant Contact	<u>Christopher Koslin, Environmental Engr.</u>	Facility Contact	<u>***same as applicant***</u>
Applicant Phone	<u>(724) 770-4340</u>	Facility Phone	<u>***same as applicant***</u>
Client ID	<u>357935</u>	Site ID	<u>241397</u>
SIC Code	<u>2821</u>	Municipality	<u>Potter Township</u>
SIC Description	<u>Manufacturing - Plastics Materials And Resins</u>	County	<u>Beaver</u>
Date Application Received	<u>October 30, 2020</u>	EPA Waived?	<u>No</u>
Date Application Accepted	<u>November 5, 2020</u>	If No, Reason	<u>Major Facility</u>
Purpose of Application	<u>Renewal of an NPDES permit for discharges from an organic chemical manufacturing facility.</u>		

Summary of Review

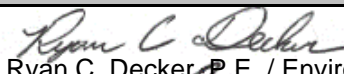
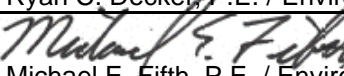
BVPV Styrenics LLC ("BVPV") submitted an application dated October 21, 2020 and received by DEP on October 30, 2020 to replace the sodium hypochlorite disinfection system at the Beaver Valley Site's sewage treatment plant with an ultraviolet (UV) light disinfection system. NOVA Chemicals previously submitted an amendment application for the new UV system, but that application was returned because the permits for NOVA Chemicals' Beaver Valley Site were transferred to BVPV by the time the amendment application was received. WQM Permit 0471209 is being amended concurrently (Amendment No. 1) to authorize the UV system.

Sanitary wastewaters at the Beaver Valley Site are treated and then monitored internally for compliance with effluent limits at Internal Monitoring Point 102 before mixing with untreated industrial process wastewaters for further treatment of the combined wastewaters. The combined effluent discharges through Outfall 002. The change to UV light from sodium hypochlorite will result in the addition of a daily UV light dose monitoring requirement (mWsec/cm²) at IMP 102 pursuant to 25 Pa. Code § 92a.61(b).

BVPV proposes to keep the sodium hypochlorite feed systems and the chlorine contact tank for use as backup disinfection. The monthly average and instantaneous maximum limits for Total Residual Chlorine (0.5 and 1.6 mg/L) will remain in effect, but a footnote will be added to Part A of the permit stating that daily TRC sampling and analyses are only required when chlorine is used for disinfection instead of UV light.

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		 Ryan C. Decker, P.E. / Environmental Engineer	May 19, 2021
X		 Michael E. Fifth, P.E. / Environmental Engineer Manager	May 21, 2021