



Application Type
Facility Type
Major / Minor

Amendment,
Major
Storm Water
Minor

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

Application No. **PA0086487 A-1**
APS ID **932653**
Authorization ID **1547647**

Applicant and Facility Information

Applicant Name	Vitro Flat Glass LLC	Facility Name	Vitro Flat Glass Manufacturing Plant
Applicant Address	400 Park Drive Carlisle, PA 17015-9271	Facility Address	400 Park Drive Carlisle, PA 17015-9271
Applicant Contact	Amy Hacker	Facility Contact	Amy Hacker
Applicant Phone	(707) 409-4739	Facility Phone	(717) 409-4739
Client ID	165195	Site ID	248363
SIC Code	3211	Municipality	South Middleton Township
SIC Description	Manufacturing - Flat Glass	County	Cumberland
Date Application Received	October 30, 2025	EPA Waived?	Yes
Date Application Accepted	November 6, 2025	If No, Reason	
Purpose of Application	Amendment of NPDES permit to discharge stormwater associated with industrial activity.		

Summary of Review

This is an amendment application for an NPDES individual permit for discharges of stormwater associated with industrial activity located in South Middleton Township, Cumberland County. See Figures 1 and 2 for site maps.

Currently, the facility is covered under NPDES Permit No. PA0086487, which expires on October 31, 2029.

Facility Description: manufacturer and distributor of flat glass.

The facility's SIC code is 3211 (flat glass manufacturing) which requires a NPDES permit for discharges of stormwater associated with industrial activity. Since the facility discharges to an HQ-CWF surface water, the facility must be covered under a NPDES Individual Permit for Discharges of Stormwater Associated with Industrial Activities. If the facility qualified for a PAG-03, they would fall under Appendix N based on their SIC code.

The facility has one outfall that discharges to Yellow Breeches Creek (HQ-CWF, MF): Outfall 001. Outfall 001 receives stormwater runoff from the entire facility. There is typically no discharge at Outfall 001. Stormwater runoff from roofs, roads, and yard areas collect in a series of onsite retention ponds via roof drains and yard drainage. Stormwater collects and remains in the retention ponds. Only during extreme heavy storm events, when the onsite retention ponds are in danger of overflowing, are two emergency flood pumps used to pump stormwater to Outfall 001. Typically, stormwater is pumped offsite two or three times per year. The retention ponds are inspected for trash, discoloration, sheen, or any other condition prior to stormwater being pumped offsite. Historically, DEP allowed stormwater samples to be taken from the retention ponds when there is no flow at Outfall 001.

An amendment application was received via Public Uploads Ref ID 357966 on 10/30/2025. The application was deemed complete on 11/6/2025.

Approve	Deny	Signatures	Date
X		Jacob S. Rakowsky Jacob S. Rakowsky, E.I.T. / Project Manager	11/6/2025
X		Scott M. Arwood Scott M. Arwood, P.E. / Environmental Engineer Manager	11/6/2025

Summary of Review

The amendment application proposes to install a new glass coating process for solar panel fabrication (chemical vapor deposition – CVD). The installation of the new process will increase the impervious area within the drainage area of Outfall 001, thereby increasing stormwater flows to Outfall 001. Therefore, a permit amendment is required to incorporate the changes.

Stormwater runoff from all new paved areas will be routed to a new subsurface managed release concept (MRC) basin that is tied into the existing stormwater network. The total stormwater drainage area to Outfall 001 remains unchanged at 4,640,000 SF. The impervious area will increase by 0.3%, adding approximately 14,098 SF of impervious area.

The CVD process will not introduce new materials or activities in the drainage area which are exposed to precipitation. Ethylene will be stored in a compressed gas tube trailer and all other chemicals will be stored under roof in cylinders or double-walled totes that they are transported in. The system's baghouse will collect dust in supersacks to reduce the amount of dust/particulate that is exposed to precipitation. All runoff from Outfall 001's drainage area flows to onsite retention basins. Stormwater is inspected prior to pumping it around or off the site at Outfall 001.

The facility's PPC Plan is being updated to include the CVD process. Once completed, a copy will be submitted to DEP.

There are no open violations for the client that would warrant withholding the issuance of this permit amendment.

EPA waiver is in effect.

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.

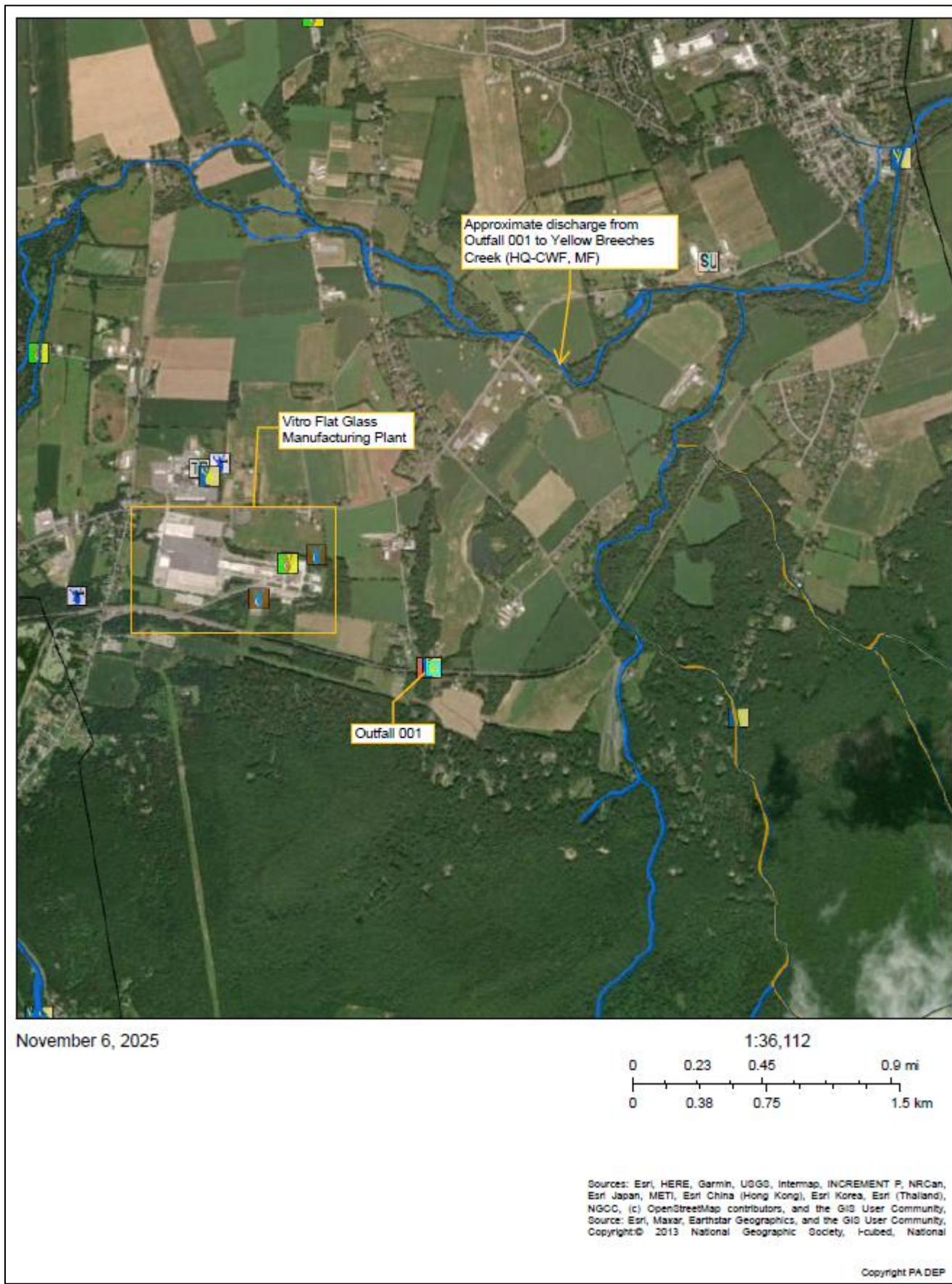


Figure 1. eMapPA Printout

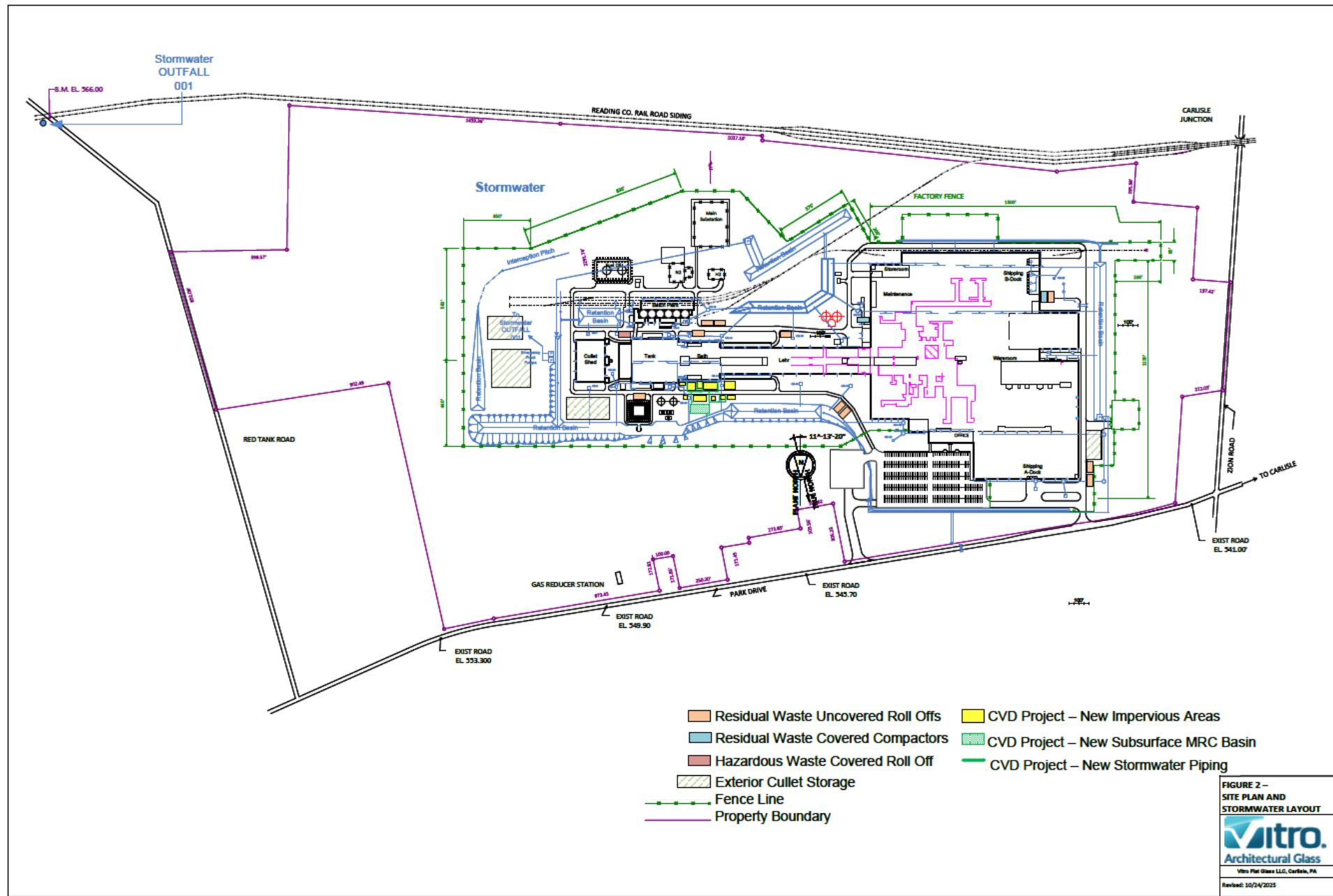


Figure 2. Site Plan