

Application Type Amendment, Major
Facility Type Storm Water
Major / Minor Minor

NPDES PERMIT FACT SHEET

Application No. PA0245186 A-1
APS ID 1053917
Authorization ID 1380189

Applicant and Facility Information

Applicant Name	<u>Victory Brewing Co.</u>	Facility Name	<u>Victory Brewing Parkesburg Facility</u>
Applicant Address	<u>420 Acorn Lane</u> <u>Downingtown, PA 19335</u>	Facility Address	<u>3127 Lower Valley Road</u> <u>Parkesburg, PA 19365</u>
Applicant Contact	<u>Ray Reiff</u>	Facility Contact	<u>Ray Reiff</u>
Applicant Phone	<u>(610) 514-7000</u>	Facility Phone	<u>(610) 514-7000</u>
Client ID	<u>304462</u>	Site ID	<u>770150</u>
SIC Code	<u>2082</u>	Municipality	<u>West Sadsbury Township</u>
SIC Description	<u>Manufacturing - Malt Beverages</u>	County	<u>Chester</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>Amendment of the SW IW NPDES permit to include additional outfalls.</u>		

Summary of Review

The applicant has submitted an amendment to NPDES permit to discharge stormwater associated with industrial activities from their facility into Valley Creek (TSF, MF).

The permittee is requesting to add four (4) new outfalls and correct the area for Outfall 001 in the existing permit.

Based on submittal:

The proposed changes to the permit are:

Proposed Changes to Permit No. PA0245186 (Total Area = 1,786,748 ft ²)					
Outfall ID	Area Drained (Approx.)(ft ²)	Latitude	Longitude	Description	No Exposure
001	~ 61,696	39°57'07.8"N	75°56'08.1"W	Drainage from the employee/overflow parking lot is collected via storm grates and discharged south via a culvert.	Yes
002	~ 105,777	39°57'07.6"N	75°56'10.5"W	Drainage from the rooftops, southwest parking lots, universal waste area, loading docks discharges southwest of the facility via sheet flow.	No

Approve	Return	Deny	Signatures	Date
X			<i>Begay Omuralieva</i> Begay Omuralieva / Environmental Engineering Specialist	July 14, 2022
			Pravin C. Patel, P.E. / Environmental Engineer Manager	

Summary of Review

003	~ 38,947	39°57'13.6"N	75°56'16.5"W	Drainage from the west parking lot, residual waste area, loading docks discharges into a field to the west of the facility via a culvert.	No
004	~155,291	39°57'17.4"N	75°56'19.9"W	Drainage from the rooftops and concrete storage pad in the north discharge further north to a retention basin that eventually discharges to the northwest via a headwall.	Yes
005	~ 97,934	39°57'12.5"N	75°56'03.9"W	Drainage from the rooftop, storage tank area, and loading/unloading docks discharges to a grass swale along the east/southeast of the facility. This swale eventually discharges to another swale running along the front of the facility in the south.	No
GW Infiltration	~1,327,103	N/A	N/A	Please note that stormwater from non-industrial areas infiltrates into the local aquifer system.	N/A

Therefore, semi-annual stormwater monitoring requirements for Outfall 002,003 and 005 will be added for pH, Biochemical Oxygen Demand (BOD5), Chemical Oxygen Demand (COD), Total Suspended Solids, Oil and Grease, Nitrate-Nitrite as N, Total Nitrogen, and Total Phosphorus as listed on pps. 3-5 of this factsheet. Part C of the permit will contain benchmark values for pH, COD, TSS an Oil and Grease. Outfalls 001 and 004 will not be monitored due to "no exposure" condition.

Act 14 Notification:

Chester County Commissioners Office received a notice on July 26, 2021
 West Sadsbury Township received a notice on July 26, 2021.

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 002, 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
Biochemical Oxygen Demand (BOD5)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Chemical Oxygen Demand (COD)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Suspended Solids	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Nitrate-Nitrite as N	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 002

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 003, 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
Biochemical Oxygen Demand (BOD5)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Chemical Oxygen Demand (COD)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Suspended Solids	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Nitrate-Nitrite as N	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 003

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 005, 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
Biochemical Oxygen Demand (BOD5)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Chemical Oxygen Demand (COD)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Suspended Solids	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Nitrate-Nitrite as N	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 005