

Application Type Renewal
Wastewater Type Sewage
Facility Type SFTF

**NPDES PERMIT FACT SHEET
INDIVIDUAL SFTF/SRSTP**

Application No. PA0254011
APS ID 845762
Authorization ID 1279390

Applicant, Facility and Project Information

Applicant Name	<u>Mr. James G. Gnagey</u>	Facility Name	<u>J.G. Foodmarts SFTF</u>
Applicant Address	<u>8 Gardner Street</u> <u>Uniontown, PA 15401-2194</u>	Facility Address	<u>RD #6, Box 90</u> <u>Uniontown, PA 15401</u>
Applicant Contact	<u>Mr. James G. Gnagey</u>	Facility Contact	<u>Same as Applicant</u>
Applicant Phone	<u>724.437.4360</u>	Facility Phone	<u>Same as Applicant</u>
Client ID	<u>44474</u>	Site ID	<u>237761</u>
SIC Code	<u>5411</u>	Municipality	<u>North Union Township</u>
SIC Description	<u>Retail Trade - Grocery Stores</u>	County	<u>Fayette</u>
Date Application Received	<u>June 27, 2019</u>	WQM Required	<u>Yes</u>
Date Application Accepted	<u>July 8, 2019</u>	WQM App. No.	<u>2693401, Issued October 8, 1993</u>
Project Description	<u>Application for a renewal of an existing NPDES Permit for the discharge of treated Sewage.</u>		

Summary of Review

The applicant has applied for a renewal of an existing NPDES Permit, Permit No. PA0254011, which was previously issued by the Department on December 19, 2014. That permit expired on December 31, 2019.

WQM Permit No. 2693401, issued on October 8, 1993, approved construction of a SFTF with a design flow rate of 0.0004 MDG. The existing treatment process consists of a septic tank, sand filtration, and tablet chlorination.

The receiving stream, Swale to UNT of Redstone Creek, is classified as a WWF, and is located in State Watershed No.19-C.

The applicant has complied with Act 14 Notifications and no comments were received.

Development of Effluent Limits

Limits for CBOD5, TSS, Ammonia Nitrogen and DO were imposed in accordance with the Department's "Implementation Guidance for Evaluating Wastewater Discharges to Drainage Swales and Ditches". There has been no change to the discharge or receiving stream and we will again reimpose these limits from the previous Fact Sheet. Please see page 5 of this Fact Sheet for a list of the effluent limits.

Technology-based effluent limits for pH and Fecal Coliform will again be imposed based upon State Regulation 92a.47(a)(7) & 92a.47(a)(5).

The previous permit imposed an average monthly TRC limit of 1.4 mg/l. The renewal permit will impose a Technology-based average monthly TRC limit of 0.5 mg/l based upon State Regulation 92a.48(b)(2).

Sewage discharges with design flows < 2,000 gpd are not require monitoring for Total Nitrogen and Total Phosphorus in new

Approve	Deny	Signatures	Date
X		William C. Mitchell William C. Mitchell, E.I.T. / Project Manager	May 1, 2020
X		Christopher Kriley Christopher Kriley, P.E. / Environmental Program Manager	May 5, 2020

Summary of Review

and reissued permits.

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.

Discharge, Receiving Waters and Water Supply Information

Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0004</u>
Latitude	<u>39° 56' 31.00"</u>	Longitude	<u>-79° 43' 55.00"</u>
Quad Name	<u>Uniontown</u>	Quad Code	<u>1908</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Swale to Unnamed Tributary of Redstone Creek (WWF)</u>	Stream Code	<u>Swale to 40067</u>
NHD Com ID	<u>99413246</u>	RMI	<u>0.22 on 40067</u>
Drainage Area	<u>0</u>	Yield (cfs/mi ²)	<u>0</u>
Q ₇₋₁₀ Flow (cfs)	<u>0</u>	Q ₇₋₁₀ Basis	<u>USGS Map and Past Site Inspection Confirm Receiving Stream is a Dry Drainage Swale.</u>
Elevation (ft)	<u></u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>19C</u>	Chapter 93 Class.	<u>Warm Water Fishes</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>Abandoned Mine Drainage</u>		
TMDL Status	<u>Final</u>	Name	<u>Redstone Creek Watershed</u>
Background/Ambient Data	Data Source		
pH (SU)	<u></u>	<u></u>	
Temperature (°F)	<u></u>	<u></u>	
Hardness (mg/L)	<u></u>	<u></u>	
Other:	<u></u>	<u></u>	
Nearest Downstream Public Water Supply Intake	<u>Newell Municipal Authority</u>		
PWS Waters	<u>Monongahela River</u>	Flow at Intake (cfs)	<u></u>
PWS RMI	<u></u>	Distance from Outfall (mi)	<u></u>

Changes Since Last Permit Issuance: None

Other Comments: The SFTF discharges indirectly to Redstone Creek which has an Approved TMDL and is impaired by pH and metals due to abandoned mine drainage. No WLAs have been developed for this sewage discharge and they are not expected to contribute to the impairment of the stream. SFTF rated below 0.002 MGD are not required to sample for iron, manganese, or aluminum.

Compliance History

Operations Compliance Check Summary Report

Facility: JG_Foodmarts_SFTF

NPDES Permit No.: PA0254011

Compliance Review Period: 04/29/2015 – 04/29/2020

Open Violations by Client Summary

None.

Inspection Summary

INSP ID	INSPECTED DATE	INSP TYPE	AGENCY	INSPECTION RESULT DESC	# OF VIOLATIONS
2752310	06/19/2018	Compliance Evaluation	PA Dept of Environmental Protection	No Violations Noted	0
2781489	06/19/2018	Compliance Evaluation	PA Dept of Environmental Protection	No Violations Noted	0

Violation Summary

No violations in eFACTs.

Enforcement Summary

No enforcement actions.

DMR Violation Summary

Current eDMR user.

Effluent limit violation summary 4/29/2018 – 4/29/2020:

No violations reported in eDMR.

Compliance Status:

Facility has no compliance issues.

Completed by: David Roote

Completed date: 4/29/2020.

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	Maximum	Instant. Maximum		
Flow (MGD)	0.0004	XXX	XXX	XXX	XXX	XXX	1/month	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/month	Grab
DO	XXX	XXX	3.0 Inst Min	XXX	XXX	XXX	1/month	Grab
TRC	XXX	XXX	XXX	0.5	XXX	1.6	1/month	Grab
CBOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/month	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	1/month	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	1000	1/month	Grab
Ammonia Nov 1 - Apr 30	XXX	XXX	XXX	9.0	XXX	18.0	1/month	Grab
Ammonia May 1 - Oct 31	XXX	XXX	XXX	3.0	XXX	6.0	1/month	Grab

Compliance Sampling Location: Outfall #001

Other Comments: Sampling Frequency has been changed from 1/6 months to 1/month to be consistent with State Wide Policies for SFTF.