

Northeast Regional Office CLEAN WATER PROGRAM

Application Type
Renewal
NonFacility Type
Municipal
Major / Minor
Minor

NPDES PERMIT FACT SHEET INDIVIDUAL SEWAGE

Application No. **PA0061573**APS ID **620493**

Authorization ID 1318605

Applicant and Facility Information								
Applicant Name	Camp Hachshara-Moshava of New York Inc.	_ Facility Name	Camp Moshava					
Applicant Address	520 Eighth Avenue 15th Floor	Facility Address	245 Navajo Road					
	New York, NY 10018	_	Honesdale, PA 18431-3127					
Applicant Contact	Alan Silverman	Facility Contact	Michael Batzel					
Applicant Phone	(212) 465-9021	Facility Phone	(570) 253-4271					
Client ID	44189	Site ID	246730					
Ch 94 Load Status	Not Overloaded	Municipality	Berlin Township					
Connection Status	No Limitations	County	Wayne					
Date Application Rece	eived June 23, 2020	EPA Waived?	Yes					
Date Application Accepted June 23, 2020		If No, Reason						

Summary of Review

The applicant is requesting renewal of an NPDES permit to discharge up to 0.036 MGD of treated sewage to an unnamed tributary to Indian Orchard Brook (HQ-CWF, MF), (stream code 64436), in State Water Plan Basin 01-B (Lackawaxen River). It is classified for High Quality-Cold Water and Migratory Fish, aquatic life, water supply and recreation. As per the Department's current existing use list, the receiving stream does not have an existing use classification that is more protective than its designated use. The discharge is not expected to affect public water supplies.

All effluent limits from the previously issued permit are carried over in this renewal. TSS, Fecal Coliform, and pH limits are technology-based. Dissolved Oxygen, Total Residual Chlorine, CBOD₅, and Ammonia-Nitrogen limits are water quality-based limits based.

The existing permit expires on 1/31/2021 and the application was received on 6/23/2020.

The NMS guery "Violations – eFACTS – Open Violations for Client was run. There are currently no open violations.

The EPA Waiver is in effect.

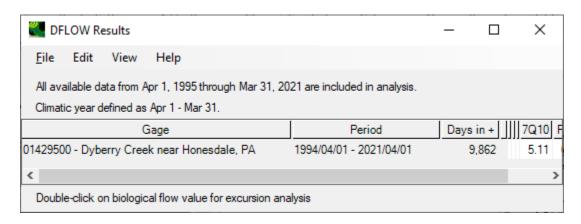
Public Participation

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

Approve	Deny	Signatures	Date
Х		Bernard Feist (signed) Bernard Feist, P.E. / Environmental Engineer	September 22, 2021
Х		Amy M. Bellanca (signed) Amy M. Bellanca, P.E. / Environmental Engineer Manager	9-27-21

Summary of Review							
significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the <i>Pennsylvania Bulletin</i> 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 a	and Water Supply Informat	tion		
	4' 15.5" hite Mills otion: Treated sewage.	Design Flow (MGD) Longitude Quad Code	0.036 -75° 12' 44.3" 0644		
Tradionalor Booking	···oaiou comage.				
Receiving Waters	Trib 64436 to Indian Orchard Brook	Stream Code	64436		
NHD Com ID	25943228	RMI	2.33		
Drainage Area	0.47 mi ²	Yield (cfs/mi ²)	0.08		
Q ₇₋₁₀ Flow (cfs)	0.038	Q ₇₋₁₀ Basis	DFLOW analysis @ gage 01429500 (last 25 years of data)		
Elevation (ft)	1204	Slope (ft/ft)	0.061		
Watershed No.	1-B	Chapter 93 Class.	HQ-CWF/MF		
Existing Use	-	Existing Use Qualifier	-		
Exceptions to Use	[-	Exceptions to Criteria	-		
	m Public Water Supply Intake <u>Ea</u> Delaware River	eston Area Water System Flow at Intake (cfs) Distance from Outfall (mi)	- > 50 miles		



STATION .-- 01429500 DYBERRY CREEK NEAR HONESDALE, PA

LOCATION.--Lat 41`36'26", long 75`16'03", Wayne County, Hydrologic Unit 02040103, on right bank 180 ft upstream from unnamed tributary, 1,700 ft downstream from General Edgar Jadwin Reservoir, 2.1 mi north of Honesdale, and 2.6 mi upstream from mouth.

DRAINAGE AREA.--64.6 square miles.

Low Flow yield = 5.11 cfs/ 64.6 square miles = 0.08

Outfall 001 RMI 2.33

Drainage Area: 0.47 mi2 (1204 ft); Stream flow = 0.038 cfs

RMI 1.86

Drainage Area: 2.76 mi2 (1050 ft)

Development of Effluent Limitations								
Outfall No.	001	Design Flow (MGD)	.036					
Latitude	41° 33′ 16.00″	Longitude	-75° 13' 27.00"					
Wastewater D	escription: Sewage Effluent							

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) and/or BPJ.

Monitoring frequencies for all parameters with limitations will be the frequencies found in Table 6-3 of DEP's Technical Guidance for the Development and Specification of Effluent Limitations (doc. no. 362-0400-001)

Technology-Based Limitations

The following technology-based limitations apply, subject to water quality analysis and BPJ where applicable:

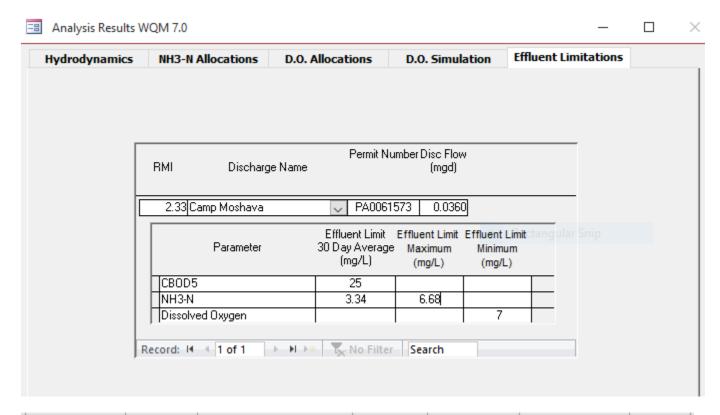
Parameter	Minimum Average Monthly		Average Weekly	IMAX	Basis
Flow (MGD)	XXX	Report	Report Max Daily	XXX	§§ 92a.27, 92a.61
CBOD5 (mg/L)	XXX	25	40	50	§ 92a.47
TSS (mg/L)	XXX	30	45	60	§ 92a.47
TRC (mg/L)	XXX	0.5	XXX	1.6	§§ 92a.47-48
NH3-N (mg/L)	XXX	25	XXX	50	BPJ
D.O. (mg/L)	4	XXX	XXX	XXX	BPJ
pH (SU)	6	XXX	XXX	9	§ 92a.47, § 95.2
Total N (mg/L)	XXX	Report	XXX	XXX	§ 92a.61
Total P (mg/L)	XXX	Report	XXX	XXX	§ 92a.61
Fecal Coliform (No./100 ml) (May-Sept)	XXX	200 Geo Mean	xxx	1,000	§ 92a.47
Fecal Coliform (No./100 ml) (Oct-April)	XXX	2,000 Geo Mean	XXX	10,000	§ 92a.47
E. Coli (No./100 ml)*	XXX	XXX	XXX	Report	§ 92a.61

^{* 2021} update - Sewage discharges will include monitoring, at a minimum, for E. Coli, in new and reissued permits, with a monitoring frequency of 1/month for design flows >= 1 MGD, 1/quarter for design flows >= 0.05 and < 1 MGD, 1/year for design flows of 0.002 – 0.05 MGD.

Comments: However, This is a High Quality Stream

Water Quality-Based Limitations

The following limitations were determined through water quality modeling (output files attached):



TRC EVALUATION Input appropriate values in A3:A9 and D3:D9									
0.038 0.036	= Q strean = Q discha	n (cfs) nrge (MGD)		= CV Daily = CV Hourly					
0.3	= Chlorine	Demand of Stream Demand of Discharge		= AFC_Partial Mix Factor = CFC_Partial Mix Factor = AFC_Criteria Compliance Time (min					
0		r of Safety (FOS)	720	=Decay Coef					
TRC PENTOXSD TRG	1.3.2.iii 5.1a	AFC Calculations WLA afc = LTAMULT afc =	0.373	Reference CFC Calculations					
PENTOXSD TRG Source	5.1b	5.1b LTA_afc= 0.088 5.1d LTA_cfc = 0.130 Effluent Limit Calculations							
PENTOXSD TRG PENTOXSD TRG	5.1f 5.1g	AML MULT = 1.720 AVG MON LIMIT (mg/l) = 0.152 INST MAX LIMIT (mg/l) = 0.355							

Anti-Backsliding

Keep existing limits

Compliance History

DMR Data for Outfall 001 (from July 1, 2020 to June 30, 2021)

Parameter	JUN- 21	MAY- 21	APR- 21	MAR- 21	FEB- 21	JAN- 21	DEC- 20	NOV- 20	OCT- 20	SEP- 20	AUG- 20	JUL- 20
Flow (MGD) Average Monthly		0.022	0.021						0.011	0.013		
Flow (MGD) Daily Maximum		0.025	0.025						0.025	0.025		
pH (S.U.) Minimum		6.92	7.2						7.69	7.84		
pH (S.U.) Maximum		7.66	7.7						8.11	8.08		
DO (mg/L) Minimum		8.52	9.3						9.18	8.89		
TRC (mg/L) Average Monthly		0.05	0.05						0.05	0.05		
TRC (mg/L) Instantaneous Maximum		0.07	0.07						0.07	0.07		
CBOD5 (mg/L) Average Monthly		< 3.0	< 3.0						< 3.0	< 3.0		
TSS (mg/L) Average Monthly		< 4.0	< 5.0						< 4.0	< 4.0		
Total Dissolved Solids (mg/L) Average Quarterly	57.5						72			66		
Fecal Coliform (CFU/100 ml) Geometric Mean		< 2.0	< 4						< 2.0	< 2		
Fecal Coliform (CFU/100 ml) Instantaneous Maximum		< 2.0	< 4						< 2.0	< 2		
Nitrate-Nitrite (mg/L) Annual Average		12.0	, ,				< 1.05		12.0	12		
Total Nitrogen (mg/L) Annual Average							< 1.92					
Ammonia (mg/L) Average Monthly		< 1.0	< 1.0						< 1.0	< 1.0		
TKN (mg/L) Annual Average							< 0.87					
Total Phosphorus (mg/L) Annual Average							1.78					