

Application Type Renewal
Facility Type Non-Municipal
Major / Minor Minor

NPDES PERMIT FACT SHEET INDIVIDUAL SEWAGE

Application No. PA0062235 A-4
APS ID 1142347
Authorization ID 1535584

Applicant and Facility Information

Applicant Name	<u>Samp Hospitality LLC</u>	Facility Name	<u>Motel 6 4943</u>
Applicant Address	<u>1064 State Route 93</u> <u>Drums, PA 18222</u>	Facility Address	<u>1064 State Route 93</u> <u>Drums, PA 18222</u>
Applicant Contact	<u>Sagar Patel</u>	Facility Contact	<u>Eddie Gregory</u>
Applicant Phone	<u>(717)-877-9378</u>	Facility Phone	<u>(570)-233-3265</u>
Client ID	<u>393209</u>	Site ID	<u>269410</u>
Ch 94 Load Status	<u>Not Overloaded</u>	Municipality	<u>Sugarloaf Township</u>
Connection Status		County	<u>Luzerne</u>
Date Application Received	<u>March 4, 2024</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>March 4, 2024</u>	If No, Reason	
Purpose of Application	<u>Renewal of Individual Sewage NPDES Permit and Transfer from Nehal Investments to Samp Hospitality.</u>		

Summary of Review

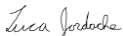

The applicant is requesting renewal of the individual sewage NPDES permit PA0062235 and transfer of the permit from Nehal Investments to Samp Hospitality. The primary facility is a WWTP responsible for treated sewage from the Motel 6 in Drums, PA. An application for renewal of the permit was not received on time by the DEP on March 4, 2024; the previous permit expired on June 6, 2024. An application for permit transfer from Nehal Investments to Samp Hospitality was received by the DEP on July 7, 2025.

The permit PA0062235 authorizes the discharge of 0.025 MGD of treated sewage to Tributary 28139 of Nescopeck Creek, a Cold-Water Fishes, Migratory Fish (CWF-MF) stream in state water basin 05D. The receiving stream is covered by the Little Nescopeck Creek TMDL caused by metals, low pH, aluminum, iron, and manganese. The Nescopeck Creek has a designated use for trout stocking (TSF) and is currently impaired for aquatic life caused by Acid Mine Drainage. The Nescopeck Creek is a tributary to the Susquehanna River and part of the Chesapeake Bay watershed.

The permit PA0062235 is being transferred from Nehal Investments to Samp Hospitality with this renewal. The Suffix A-4 has been added to the permit number to indicate the number of transfers undergone. The transfer has already been completed on the client's side as the application was submitted after transferring ownership. As of 10/7/2025, there are currently 5 unresolved violations for the Drums WWTP. The violation types are listed below:

- Failure to utilize approved analytical methods
- Operator failed to comply with the Act or Chapter 302 regulations
- Failure to submit NPDES renewal application at least 180 days prior to expiration or later approved date
- Discharge of pollutants from a point source into surface waters without an NPDES permit
- Failure to pay annual fee

None of these violations warrant withholding permit renewal and issuance. The owner is currently aware of a broken flow meter that is in the process of being replaced.

Approve	Deny	Signatures	Date
X		 Luca Jordache / Environmental Engineering Trainee	October 7, 2025
X		 Edward Dudick, P.E. / Environmental Engineering Manager	November 3, 2025

Summary of Review

All of the effluent limits and reporting requirements from the previous permit have been carried over for renewal. An annual reporting requirement for E. Coli has been added to follow 25 PA Code §92a.61⁽¹¹⁾⁽¹²⁾. All sewage treatment plants are now required to report E. Coli with a frequency dependent on the size of the plant. Weekly average limits of 40 mg/L and 45 mg/L have been added to CBOD₅ and TSS respectively to follow 25 PA Code §92a.47⁽²⁾. Winter-time limits of 18 mg/L and 36 mg/L (3x the Summer-time limits) have been added to Ammonia-Nitrogen as per standard DEP procedure. A 30-day average limit of 0.5 mg/L for TRC has been added to the permit to satisfy 25 PA Code Chapter 92a.48(b)(2). This facility uses UV lights as the method of disinfection, so TRC values only need to be reported when chlorine is being used at the plant.

The facility's eDMR record shows mostly consistent compliance in the final effluent. Most violations were for fecal coliform and low pH, but some violations were seen in CBOD₅ and Ammonia-Nitrogen as well. Water quality modeling was done using WQM 7.0 and the TRC Spreadsheet to help develop the limits for this permit. Watershed information was gathered using USGS StreamStats and eMap PA. All supporting documents made and used are attached below:



WQM 7.0 Modeling
Results.pdf



TRC_CALC.pdf



Watershed Info.pdf

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 Information			
Outfall No.:	001	Design Flow (MGD):	0.025
Latitude:	41° 1' 24.18"	Longitude:	-76° 4' 40.62"
Quad Name:		Quad Code:	
Wastewater Description: Treated Sewage Effluent			
Receiving Waters Information			
Receiving Waters:	Tributary 28139 to Nescopeck Creek (CWF, MF)	Stream Code:	28139
NHD Com ID:	65639417	RMI:	0.71
Drainage Area:	0.85	Yield (cfs/mi ²):	0.1
Q ₇₋₁₀ Flow (cfs):	0.085	Q ₇₋₁₀ Basis:	USGS StreamStats
Elevation (ft):	963	Slope (ft/ft):	0.04
Watershed No.:	5-D	Chapter 93 Class.:	CWF, MF
Existing Use:	-	Existing Use Qualifier:	-
Exceptions to Use:	-	Exceptions to Criteria:	-
Assessment Status:	Impaired for Aquatic Life		
Cause(s) of Impairment:	Acid Mine Drainage		
Source(s) of Impairment:	Unknown		
TMDL Status:	Final	Name:	Little Nescopeck Creek TMDL
Water Supply Information			
Water Supply Information			
Nearest Downstream Public Water Supply Intake:	Aqua PA Mifflin Township		
PWS Waters:	Susquehanna River	Flow at Intake (cfs):	978
PWS RMI:	158.45	Distance from Outfall (mi):	21.33

Treatment Facility Summary				
Treatment Facility Name: Drums STP				
WQM Permit No.		Issuance Date		
4089431		10/16/2002		
Waste Type	Degree of Treatment	Process Type	Disinfection	Avg Annual Flow (MGD)
Sewage	Secondary	Activated Sludge	Ultraviolet	0.011
Hydraulic Capacity (MGD)	Organic Capacity (lbs/day)	Load Status	Biosolids Treatment	Biosolids Use/Disposal
0.025		Not Overloaded		GHJSA WWTP

Compliance History

DMR Data for Outfall 001 (from June 1, 2024 to May 31, 2025)

Parameter	MAY-25	APR-25	MAR-25	FEB-25	JAN-25	DEC-24	NOV-24	OCT-24	SEP-24	AUG-24	JUL-24	JUN-24
Flow (MGD) Average Monthly	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011
Flow (MGD) Daily Maximum	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011
pH (S.U.) Instantaneous Minimum	6.85	6.76	6.48	5.86	5.66	5.33	5.02	6.63	7.42	7.07	7.21	7.11
pH (S.U.) Instantaneous Maximum	7.85	8.05	8.07	6.84	7.46	7.89	7.82	7.77	8.33	8.19	8.33	8.16
DO (mg/L) Instantaneous Minimum	6.17	6.17	5.50	7.08	6.79	6.76	8.03	7.26	5.26	6.81	5.77	6.94
TRC (mg/L) Instantaneous Maximum	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG	GG
CBOD5 (mg/L) Average Monthly	< 6.0	< 6.0	< 6.0	11.0	8.0	12.0	6.0	6.0	6.0	6.0	6.0	6.0
TSS (mg/L) Average Monthly	6.75	15.0	10.1	21.0	20.0	17.1	21.0	5.0	8.0	8.0	7.5	11.0
Fecal Coliform (No./100 ml) Geometric Mean	290.9	1	11	595	685	49	1	1	8	2	19	46
Fecal Coliform (No./100 ml) Instantaneous Maximum	80	2	118.3	> 2419.6	2420	2420	1	1	20	5	187	687
Nitrate-Nitrite (mg/L) Annual Average						3.56						
Total Nitrogen (mg/L) Annual Average						8.32						
Ammonia (mg/L) Average Monthly	6.40	0.20	1.72	0.40	2.28	10.8	1.37	0.20	1.30	8.41	0.65	0.43
TKN (mg/L) Annual Average						4.86						
Total Phosphorus (mg/L) Annual Average						6.98						

Development of Effluent Limitations

Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.025</u>
Latitude	<u>41° 1' 23.91"</u>	Longitude	<u>-76° 4' 41.91"</u>
Wastewater Description: <u>Sewage Effluent</u>			

Technology-Based Limitations

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

Pollutant	Limit (mg/l)	SBC	Federal Regulation	State Regulation
CBOD ₅	25	Average Monthly	133.102(a)(4)(i)	92a.47(a)(1)
	40	Average Weekly	133.102(a)(4)(ii)	92a.47(a)(2)
Total Suspended Solids	30	Average Monthly	133.102(b)(1)	92a.47(a)(1)
	45	Average Weekly	133.102(b)(2)	92a.47(a)(2)
pH	6.0 – 9.0 S.U.	Min – Max	133.102(c)	95.2(1)
Fecal Coliform (5/1 – 9/30)	200 / 100 ml	Geo Mean	-	92a.47(a)(4)
Fecal Coliform (5/1 – 9/30)	1,000 / 100 ml	IMAX	-	92a.47(a)(4)
Fecal Coliform (10/1 – 4/30)	2,000 / 100 ml	Geo Mean	-	92a.47(a)(5)
Fecal Coliform (10/1 – 4/30)	10,000 / 100 ml	IMAX	-	92a.47(a)(5)
Total Residual Chlorine	0.5	Average Monthly	-	92a.48(b)(2)





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" (386-0400-001), 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	Average Weekly	Daily Maximum	Instant. Maximum		
Flow (MGD)	Report	Report Daily Max	XXX	XXX	XXX	XXX	XXX	1/week	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	XXX	9.0	1/day	Grab
DO	XXX	XXX	5.0 Inst Min	XXX	XXX	XXX	XXX	1/day	Grab
Total Residual Chlorine (TRC)	XXX	XXX	XXX	0.50	XXX	XXX	0.91	Daily when Discharging	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5)	XXX	XXX	XXX	25.0	40.0	50.0	50	2/month	8-Hr Composite
Total Suspended Solids (TSS)	XXX	XXX	XXX	30.0	45.0	60.0	60	2/month	8-Hr Composite
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	2000 Geo Mean	XXX	XXX	10000	2/month	Grab
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1000	2/month	Grab
Nitrate-Nitrite	XXX	XXX	XXX	Report Annl Avg	XXX	XXX	XXX	1/year	8-Hr Composite
Total Nitrogen	XXX	XXX	XXX	Report Annl Avg	XXX	XXX	XXX	1/year	Calculation
Ammonia-Nitrogen Nov 1 - Apr 30	XXX	XXX	XXX	18.0	XXX	36.0	36	2/month	8-Hr Composite
Ammonia-Nitrogen May 1 - Oct 31	XXX	XXX	XXX	6.0	XXX	12.0	12	2/month	8-Hr Composite
Total Kjeldahl Nitrogen	XXX	XXX	XXX	Report Annl Avg	XXX	XXX	XXX	1/year	8-Hr Composite
Total Phosphorus	XXX	XXX	XXX	Report Annl Avg	XXX	XXX	XXX	1/year	8-Hr Composite

Compliance Sampling Location: Outfall 001

Tools and References Used to Develop Permit	
<input type="checkbox"/>	 WQM 7.0 Modeling PA0062235.pdf WQM for Windows Model (see Attachment)
<input type="checkbox"/>	 TRC_CALC.pdf TRC Model Spreadsheet (see Attachment)
<input type="checkbox"/>	Water Quality Toxics Management Strategy, 361-0100-003, 4/06.
<input type="checkbox"/>	Technical Guidance for the Development and Specification of Effluent Limitations, 386-0400-001, 10/97.
<input type="checkbox"/>	Policy for Permitting Surface Water Diversions, 386-2000-019, 3/98.
<input type="checkbox"/>	Policy for Conducting Technical Reviews of Minor NPDES Renewal Applications, 386-2000-018, 11/96.
<input type="checkbox"/>	Technology-Based Control Requirements for Water Treatment Plant Wastes, 386-2183-001, 10/97.
<input type="checkbox"/>	Technical Guidance for Development of NPDES Permit Requirements Steam Electric Industry, 386-2183-002, 12/97.
<input type="checkbox"/>	Pennsylvania CSO Policy, 386-2000-002, 9/08.
<input type="checkbox"/>	Water Quality Antidegradation Implementation Guidance, 391-0300-002, 11/03.
<input type="checkbox"/>	Implementation Guidance Evaluation & Process Thermal Discharge (316(a)) Federal Water Pollution Act, 386-2000-008, 4/97.
<input type="checkbox"/>	Determining Water Quality-Based Effluent Limits, 386-2000-004, 12/97.
<input type="checkbox"/>	Implementation Guidance Design Conditions, 386-2000-007, 9/97.
<input type="checkbox"/>	Technical Reference Guide (TRG) WQM 7.0 for Windows, Wasteload Allocation Program for Dissolved Oxygen and Ammonia Nitrogen, Version 1.0, 386-2000-016, 6/2004.
<input type="checkbox"/>	Interim Method for the Sampling and Analysis of Osmotic Pressure on Streams, Brines, and Industrial Discharges, 386-2000-012, 10/1997.
<input type="checkbox"/>	Implementation Guidance for Section 95.6 Management of Point Source Phosphorus Discharges to Lakes, Ponds, and Impoundments, 386-2000-009, 3/99.
<input type="checkbox"/>	Technical Reference Guide (TRG) PENTOXSD for Windows, PA Single Discharge Wasteload Allocation Program for Toxics, Version 2.0, 386-2000-015, 5/2004.
<input type="checkbox"/>	Implementation Guidance for Section 93.7 Ammonia Criteria, 386-2000-022, 11/97.
<input type="checkbox"/>	Policy and Procedure for Evaluating Wastewater Discharges to Intermittent and Ephemeral Streams, Drainage Channels and Swales, and Storm Sewers, 386-2000-013, 4/2008.
<input type="checkbox"/>	Implementation Guidance Total Residual Chlorine (TRC) Regulation, 386-2000-011, 11/1994.
<input type="checkbox"/>	Implementation Guidance for Temperature Criteria, 386-2000-001, 4/09.
<input type="checkbox"/>	Implementation Guidance for Section 95.9 Phosphorus Discharges to Free Flowing Streams, 386-2000-021, 10/97.
<input type="checkbox"/>	Implementation Guidance for Application of Section 93.5(e) for Potable Water Supply Protection Total Dissolved Solids, Nitrite-Nitrate, Non-Priority Pollutant Phenolics and Fluorides, 386-2000-020, 10/97.
<input type="checkbox"/>	Field Data Collection and Evaluation Protocol for Determining Stream and Point Source Discharge Design Hardness, 386-2000-005, 3/99.
<input type="checkbox"/>	Implementation Guidance for the Determination and Use of Background/Ambient Water Quality in the Determination of Wasteload Allocations and NPDES Effluent Limitations for Toxic Substances, 386-2000-010, 3/1999.
<input type="checkbox"/>	Design Stream Flows, 386-2000-003, 9/98.
<input type="checkbox"/>	Field Data Collection and Evaluation Protocol for Deriving Daily and Hourly Discharge Coefficients of Variation (CV) and Other Discharge Characteristics, 386-2000-006, 10/98.
<input type="checkbox"/>	Evaluations of Phosphorus Discharges to Lakes, Ponds and Impoundments, 386-3200-001, 6/97.
<input type="checkbox"/>	Pennsylvania's Chesapeake Bay Tributary Strategy Implementation Plan for NPDES Permitting, 4/07.
<input type="checkbox"/>	  Sewage Effluent Limits SOP.pdf Sewage SOP.pdf SOP: