

Application Type

**Renewal**

Facility Type

**Non-Municipal**

Major / Minor

**Minor**

Application No.

**PA0060887**

APS ID

**915812**

Authorization ID

**1464177**

**NPDES PERMIT FACT SHEET  
INDIVIDUAL SEWAGE**

**Applicant and Facility Information**

Applicant Name	<b>Independence Drive Assoc LP</b>	Facility Name	<b>Mugg's Country Kitchen-Lakeview True Value Hardware</b>
Applicant Address	PO Box 392	Facility Address	116 Meadowbrook Road
	Milford, PA 18337-0392		Tafton, PA 18464-9621
Applicant Contact	Penny Luhrs	Facility Contact	Brian Schan
Applicant Phone	(914) 443-5727	Facility Phone	(570) 470-3289
Client ID	328289	Site ID	3772
Ch 94 Load Status	Not Overloaded	Municipality	Palmyra Township
Connection Status		County	Pike
Date Application Received	November 16, 2023	EPA Waived?	Yes
Date Application Accepted	January 10, 2024	If No, Reason	
Purpose of Application	Renewal of NPDES permit to discharge treated sewage effluent.		

**Summary of Review**

The applicant is requesting renewal of an NPDES permit to discharge 0.007 MGD of treated sewage to Decker Creek, a HQ-CWF/MF designated receiving stream in state water plan basin 01-B (Lackawaxen River). 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 receiving stream is considered a naturally reproducing wild trout stream (from headwaters downstream to mouth) as per the PA Fish and Boat Commission.

Previous permits listed the receiving stream as an Unnamed Tributary to Decker Creek. PA DEP's eMapPA shows that Outfall 001 is located in the headwaters of Decker Creek.

Due to the small drainage area of approximately 0.35 mi<sup>2</sup>, there is no representative stream gage to obtain a low flow yield (LFY) from. The default LFY of 0.1 cfs/mi<sup>2</sup> was used to model the discharge. For modeling inputs, RMI values were obtained using the "PA Historic Streams" feature of eMapPA as well as the "measure" tool. Drainage areas were delineated using USGS's StreamStats Interactive Map and elevations were obtained using the elevation profile feature of StreamStats (see Watershed Information attachment). Q<sub>7-10</sub> for modeling purposes was determined to be .035cfs due to drainage area.

Limitations for pH, Fecal Coliform and TSS are technology-based and are carried over from the previous permit. Limitations for DO, TRC, CBOD<sub>5</sub> and Ammonia-Nitrogen are water quality-based and carried over from the previous permit. WQM modeling (attached) did not recommend more stringent limitations.

Quarterly monitoring and reporting is carried over to the permit for Total Phosphorus and Total Nitrogen to monitor nutrient loading values. To calculate Total Nitrogen, quarterly monitoring and reporting is added to the permit for Total Kjeldahl Nitrogen and Nitrate+Nitrite-Nitrogen.

Approve	Deny	Signatures	Date
X		William Hon (s) William Hon / Environmental Engineer Specialist	October 10, 2024
X		Amy M. Bellanca (signed) Amy M. Bellanca, P.E. / Acting Engineer Manager	10-21-24

### Summary of Review

E. Coli monitoring requirements will be introduced into new permit according to PA DEP policy for individual sewage effluent limitations. E. Coli requirements for a treatment plant with less than .05mgd discharge is found in the SOP for establishing effluent limitations for individual sewage.

Previous permit renewal fact sheet indicated a concern for implementing stricter TSS and COBD<sub>5</sub> limitations due to discharging to an intermittent or ephemeral stream, with a reference to the Department's *Policy and Procedure for Evaluating Wastewater Discharges to Intermittent and Ephemeral Streams, Drainage Channels and Swales, and Storm Sewers* (doc. no. 391-2000-014). The previous permit did not implement stricter limitations and that will be carried through this permit renewal.

There is no approved DRBC docket for this facility according to the DRBC arcgis map.

Application indicated 0 dry tons of sludge is hauled from this facility. Previous fact sheet for this facility indicated sludge was hauled by Koberlein Environmental Services for land application. Sludge reporting will be included in this permit.

The facility has not had an DMR non-compliance violation since 2021.

The previous permit expired on 2/29/2024 and the application for permit renewal was received on time, but incomplete and was initially returned in December of 2023. Permittee submitted a revised application in a timely manner and was deemed by the DEP as complete. The last inspection held at this facility occurred on 10/28/2021 and was a compliance evaluation which resulted in 0 NOVs. There are currently no open violations that would withhold the issuance of this permit renewal.

Recommend Approval.

Modeling Inputs:

Pt1: Outfall 001

Decker Creek Code: 61696

RMI: 5.19

Clicked Point (Latitude, Longitude):

41.45025, -75.17526

Time: 2024-10-10 09:49:20 -0400



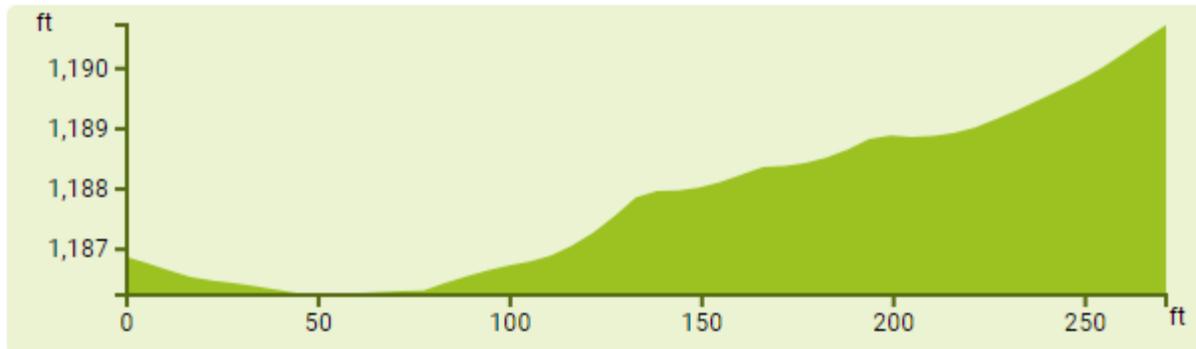
[Collapse All](#)

#### ► Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.35	square miles

## Summary of Review

Statistic	Value	Unit
7 Day 2 Year Low Flow	0.0128	ft <sup>3</sup> /s
30 Day 2 Year Low Flow	0.0209	ft <sup>3</sup> /s
7 Day 10 Year Low Flow	0.00288	ft <sup>3</sup> /s



## PT2 @ Outlet of Decker Pond

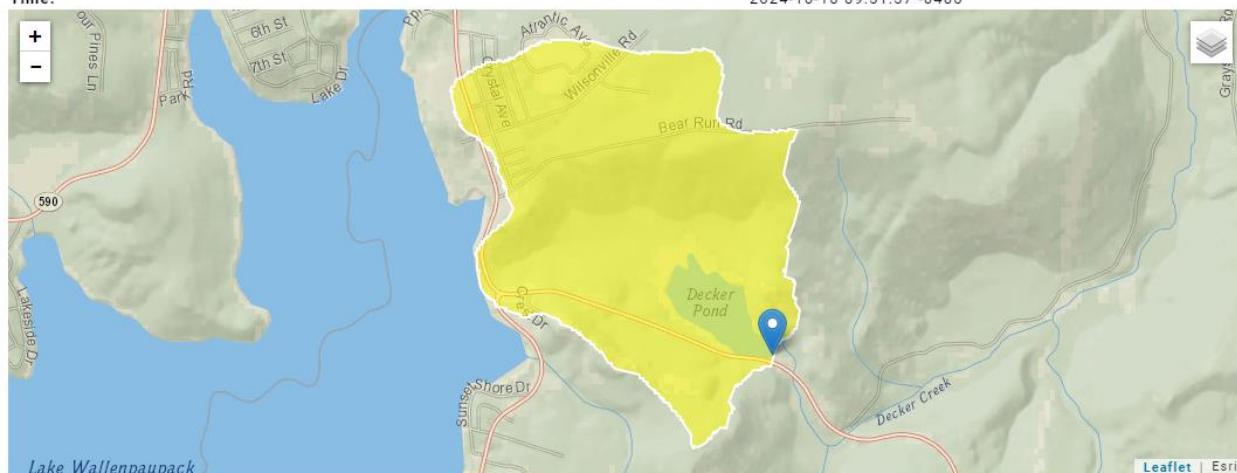
RMI: 3.700

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41.43996, -75.15814

Time:

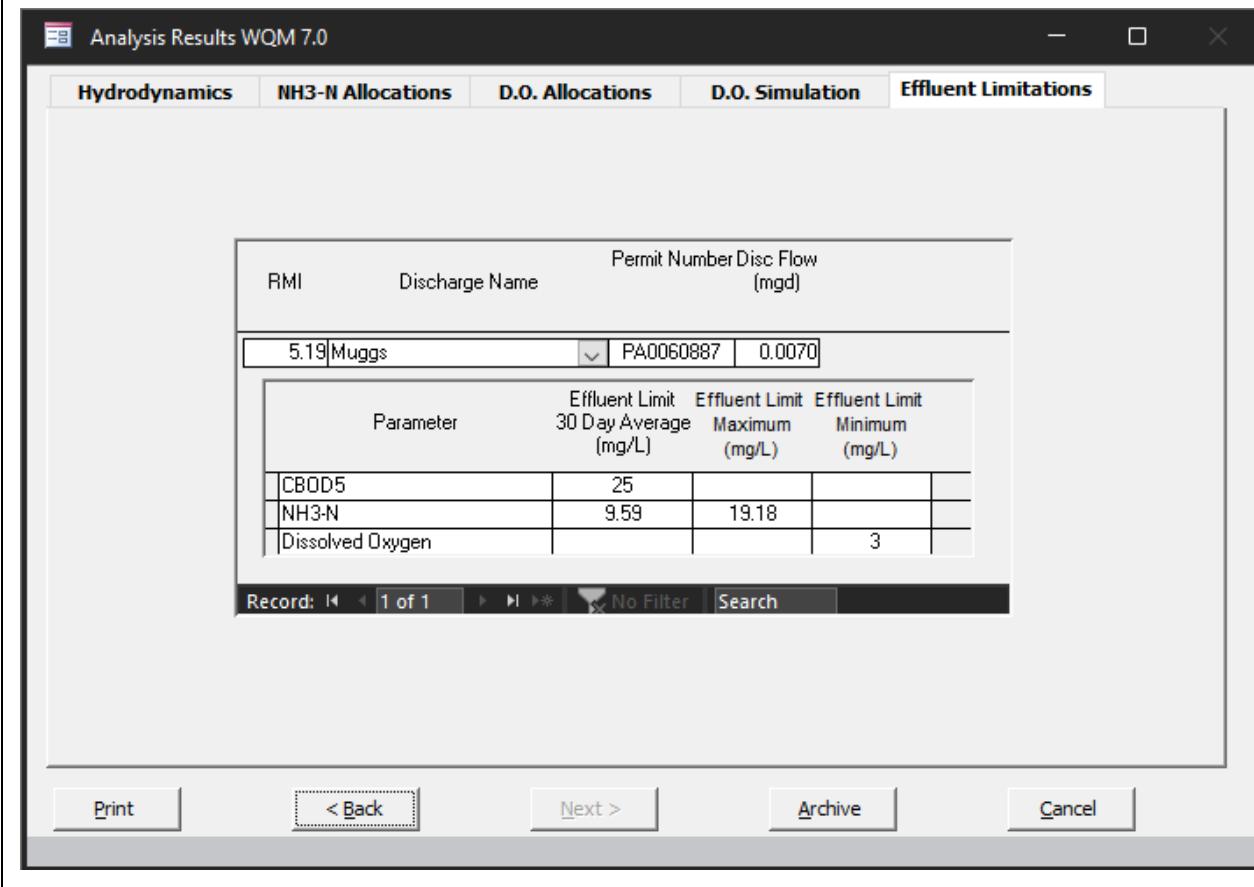
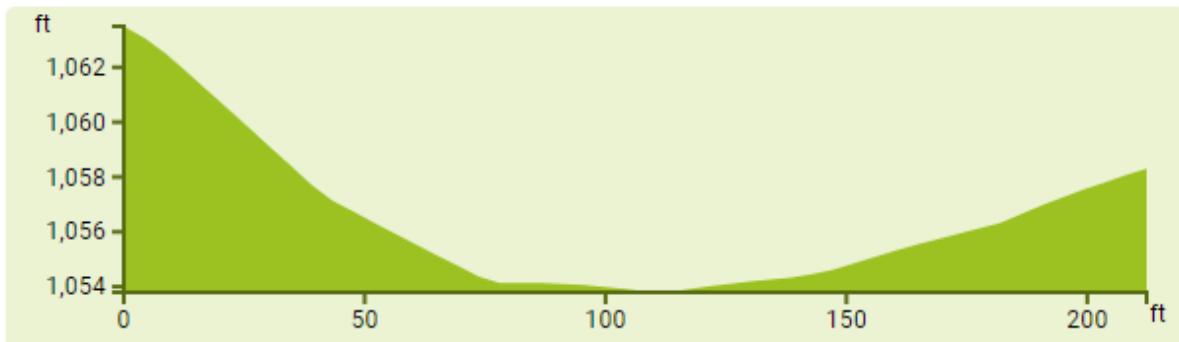
2024-10-10 09:51:57 -0400

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## » Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	1.32	square miles
7 Day 2 Year Low Flow	0.0627	ft <sup>3</sup> /s	
30 Day 2 Year Low Flow	0.0981	ft <sup>3</sup> /s	
7 Day 10 Year Low Flow	0.0166	ft <sup>3</sup> /s	

## Summary of Review



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## TRC EVALUATION

Input appropriate values in A3:A9 and D3:D9

0.035	= Q stream (cfs)	0.5	= CV Daily
0.007	= Q discharge (MGD)	0.5	= CV Hourly
30	= no. samples	1	= AFC_Partial Mix Factor
0.3	= Chlorine Demand of Stream	1	= CFC_Partial Mix Factor
0	= Chlorine Demand of Discharge	15	= AFC_Criteria Compliance Time (min)
0.5	= BAT/BPJ Value	720	= CFC_Criteria Compliance Time (min)
0	= % Factor of Safety (FOS)		= Decay Coefficient (K)

Source	Reference	AFC Calculations	Reference	CFC Calculations
TRC	1.3.2.iii	WLA_afc = 1.050	1.3.2.iii	WLA_cfc = 1.016
PENTOXSD TRG	5.1a	LTAMULT_afc = 0.373	5.1c	LTAMULT_cfc = 0.581
PENTOXSD TRG	5.1b	LTA_afc = 0.391	5.1d	LTA_cfc = 0.591

Source		Effluent Limit Calculations		
PENTOXSD TRG	5.1f	AML MULT = 1.231		
PENTOXSD TRG	5.1g	AVG MON LIMIT (mg/l) = 0.482	AFC	
		INST MAX LIMIT (mg/l) = 1.575		

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.

Approve	Deny	Signatures	Date
X		William Hon (s) William Hon / Environmental Engineer Specialist	October 10, 2024
X		Amy M. Bellanca (signed) Amy M. Bellanca, P.E. / Acting Engineer Manager	10-21-24