

Application Type Renewal
 Facility Type Industrial
 Major / Minor Minor

**NPDES PERMIT FACT SHEET
 INDIVIDUAL INDUSTRIAL WASTE (IW)
 AND IW STORMWATER**

Application No. PA0039861
 APS ID 542397
 Authorization ID 1479675

Applicant and Facility Information

Applicant Name	<u>Altadis USA Inc., dba ITG Cigars, Inc.</u>	Facility Name	<u>ITG McAdoo Plant</u>
Applicant Address	<u>1000 Tresckow Road</u> <u>McAdoo, PA 18237-2504</u>	Facility Address	<u>1000 Tresckow Road</u> <u>McAdoo, PA 18237-2504</u>
Applicant Contact	<u>Joseph Glowaski, Factory Manager</u>	Facility Contact	<u>Kimberlee O'Hop, OHSE Manager</u>
Applicant Phone	<u>(570) 929-2355</u>	Facility Phone	<u>(570) 929-2355</u>
Client ID	<u>149075</u>	Site ID	<u>236805</u>
SIC Code	<u>7389</u>	Municipality	<u>Banks Township</u>
SIC Description	<u>Services - Business Services, Nec</u>	County	<u>Carbon</u>
Date Application Received	<u>April 2, 2024</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>May 22, 2024</u>	If No, Reason	<u>-</u>
Purpose of Application	<u>Renewal of existing NPDES permit.</u>		

Summary of Review

The applicant is requesting renewal of their NPDES permit to discharge up to 0.086 MGD of treated industrial wastewater to Catawissa Creek, a Cold-Water Fishery, Migratory Fish (CWF, MF) receiving stream in State Water Plan Basin 5-E (Catawissa – Roaring Creeks). 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. This stream segment is designated as a naturally reproducing trout stream as per PA Fish & Boat Commission. This discharge is not expected to affect public water supplies.

The Altadis USA Inc., dba ITG Cigars, Inc. (ITG) – ITG McAdoo Plant manufactures reconstituted tobacco wrapper and binder sheets. As also stated in the previous permit's fact sheet, ITG no longer manufactures soap films and denture adhesive ingredients.

The point of first use location for this facility is on Catawissa Creek (at the entrance to the Pond). The discharge location is upstream of the Catawissa Creek Watershed TMDL for acid mine drainage (AMD). Deep mining, the subsequent collapse of the underground workings, and extensive strip mining have destroyed the natural drainage patterns in the Jeansville Coal Basin (Gannett Fleming 1974), as stated in the TMDL Catawissa Creek and its tributary Hunkydory Creek both lose their entire surface flow into the deep mines. Their flows infiltrate through the broken strata or strip pits and are then conveyed as AMD by the Audenried drainage tunnel into Catawissa Creek.

Since the discharge location is upstream from where the AMD impairments begin and the discharge is not expected to contribute to the stream's impairment, monitoring requirements for the three primary metals associated with AMD (Total Iron, Total Manganese and Total Aluminum) are not included in the permit. Please note that monitoring requirements are included for Total Aluminum based on water quality modeling (see below).

Limitations and monitoring frequencies for pH, DO, CBOD₅, TSS, Oil & Grease, and Dissolved Iron have been maintained from the previous permit for Outfall 001.

Approve	Deny	Signatures	Date
X		<i>Allison Seyfried Zukosky</i> Allison Seyfried Zukosky / Project Manager	February 26, 2026
X		<i>Edward Dudick</i> Edward Dudick, P.E. / Environmental Engineering Manager	February 27, 2026

Summary of Review

Limitations and monitoring frequencies for CBOD₅ % Removal and TSS Minimum % Removal have been maintained from the previous permit for IMP 101.

The facility is considered a Non-Significant IW Facility per the Department's "Phase 3 Watershed Implementation Wastewater Supplement (Revised April 2, 2025)". The quarterly monitoring/reporting requirements are maintained at Outfall 001 for NH₃-N, Total Kjeldahl Nitrogen, NO₂+NO₃-N, Total Nitrogen and Total Phosphorus

WQM 7.0 did not recommend stricter limitations for CBOD₅ or DO when using the previously determined point of first use. attached) when using the previously determined point of first use (pond downstream of I-81 bridge) and stream flow value. The point of first use is not expected to move upstream due to the drainage conditions cited above. eDMR flow data from January 2025 through December 2025 suggest that 0.086 MGD is still an appropriate discharge flow to model for. The modeling suggested a 11.88 mg/L monthly average limitation for NH₃-N, however, this pollutant is not expected to be present in this discharge in any significant quantity. Sampling submitted with the permit application confirms this assumption. As mentioned above, quarterly monitoring and reporting for NH₃-N is continued in this renewal.

Pollutant sampling results submitted with the permit application were entered into the Toxic Management Spreadsheet (TMS). The TMS recommended monitoring/reporting for Total Silver, Total Aluminum, and Total Copper and also recommended limitations for Total Cadmium. The previous permit already had quarterly monitoring/reporting requirements for Total Aluminum and Total Copper; so those monitoring/reporting parameters were maintained in the permit.

The permittee was given the opportunity to conduct a minimum of 10 additional effluent samples for Total Silver and Total Cadmium. It was also brought to the permittee's attention that if the Target QL was used for the resampling of Total Cadmium, there is a high probability that limitations would no longer be recommended. The permittee provided an email from their lab stating that they actually had already tested at an MDL lower than the target QL for both Total Cadmium and Total Silver. The initial three analytical reports were provided, which provided non-detect results at the lower MDL. These updated results were used to re-run the modeling. The modeling no longer recommended any monitoring/reporting or limitations for either parameter, so the 10 additional samples did not need to be completed.

The previous permit also contained quarterly monitoring/reporting for Acrylamide. Data from this past permit term was used for modeling, which did recommend limitations. However, the permittee has recently made operational changes at the facility to no longer use chemicals containing Acrylamide. Therefore, the quarterly monitoring/reporting will be maintained to get updated data regarding Acrylamide. The data will be reanalyzed during the next permit cycle to decide if limitations are needed.

This facility could be a potential source of PFAS. PFAS monitoring requirements have been added in Part A and described further in Part C.VI. The permittee shall monitor for PFOA, PFOS, HFPO-DA and PFBS quarterly at Outfall 001. The permittee may discontinue monitoring for PFOA, PFOS, HFPO-DA, and PFBS if the results in 4 consecutive monitoring periods indicate non-detect results at or below Quantitation Limits of 4.0 ng/L for PFOA, 3.7 ng/L for PFOS, 3.5 ng/L for PFBS and 6.4 ng/L for HFPO-DA. When monitoring is discontinued, permittees must enter a No Discharge Indicator (NODI) Code of "GG" on DMRs.

There are no representative stream gages in the vicinity of the outfall. Therefore, the default Low Flow Yield (LFY) of 0.1 cfs/mi² was used to model the discharge and to remain consistent with the modeling parameters used in the previous permit. For modeling inputs, RMI values were obtained using the "PA Historic Streams" feature of eMapPA, drainage areas were delineated using USGS's StreamStats Interactive Map, and elevations were obtained using the elevation profile feature of StreamStats.

A letter dated July 29, 2025, was received from IES Engineers on behalf of ITG. The letter requests the Department change the name of the Responsible Official for the NPDES permit from Lance Moyer to Joseph Glowaski. This change has been made to the draft permit documents and to the Department's system.

A Water Management System Inspection query indicated a Compliance Evaluation was performed on October 19, 2023. The Industrial Waste Compliance Inspection Report for that evaluation was reviewed. The Report indicated that sludge is hauled out several days per week and is hauled by Biros & Mascaro.

The existing permit expired on September 30, 2024 and the application for renewal was received on time.

Summary of Review

There are currently no open violations for this client that warrant withholding issuance of this permit.

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>0.086</u>
Latitude	<u>40° 54' 18.1"</u>	Longitude	<u>-75° 58' 55.6"</u>
Quad Name	<u>Hazleton</u>	Quad Code	<u>1138</u>
Wastewater Description: <u>Contact Cooling Water (CCW), IW Process Effluent without ELG, Stormwater</u>			
Receiving Waters	<u>Catawissa Creek (CWF, MF)</u>	Stream Code	<u>27529</u>
NHD Com ID	<u>26284735</u>	RMI	<u>41.6</u>
Drainage Area	<u>5.43 mi²</u>	Yield (cfs/mi ²)	<u>0.1</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.543</u>	Q ₇₋₁₀ Basis	<u>State-wide default and previous modeling</u>
Elevation (ft)	<u>1,628.94</u>	Slope (ft/ft)	<u>-</u>
Watershed No.	<u>5-E</u>	Chapter 93 Class.	<u>CWF</u>
Existing Use	<u>-</u>	Existing Use Qualifier	<u>-</u>
Exceptions to Use	<u>-</u>	Exceptions to Criteria	<u>-</u>
Assessment Status	<u>Not Assessed</u>		
Cause(s) of Impairment	<u>-</u>		
Source(s) of Impairment	<u>-</u>		
TMDL Status	<u>-</u>	Name	<u>-</u>
Nearest Downstream Public Water Supply Intake	<u>Catawissa Municipal Water Authority</u>		
PWS Waters	<u>Catawissa Creek</u>	Flow at Intake (cfs)	<u>-</u>
PWS RMI	<u>1.2</u>	Distance from Outfall (mi)	<u>~ 40</u>

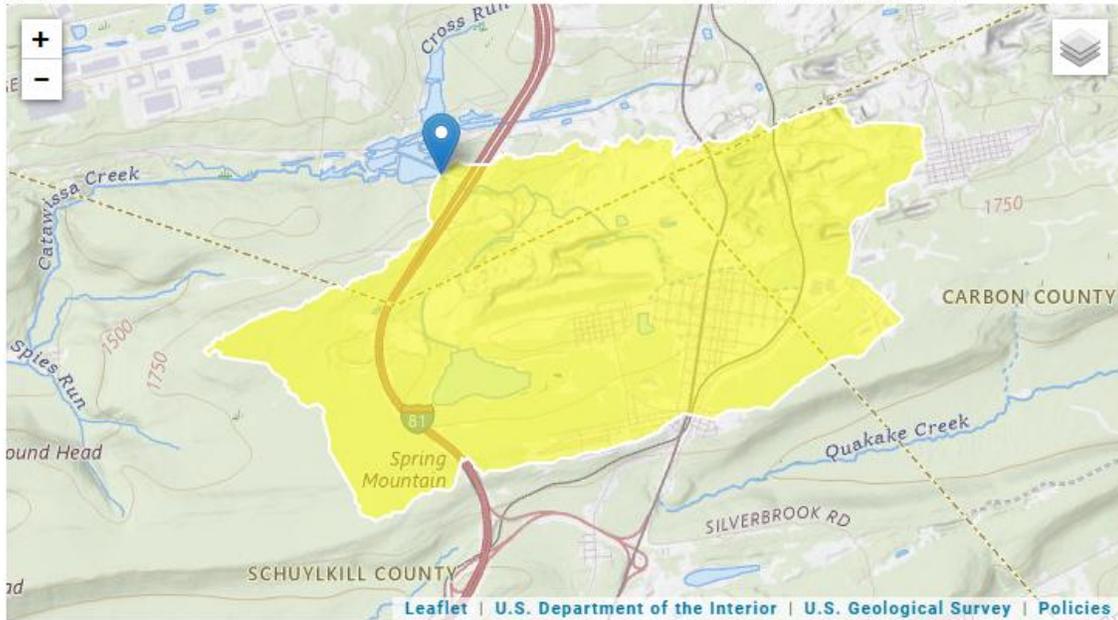
USGS StreamStats Data:

At Point of First Use on Catawissa Creek (27529):

RMI	Elevation (ft)	Drainage Area (mi ²)	Q ₇₋₁₀ Flow (cfs)
41.6	1,628.94	5.43	1.76

StreamStats Report

Region ID: PA
 Clicked Point (Latitude, Longitude): 40.91329, -76.02303
 Time: 2026-01-20 14:11:20 -0500



DRNAREA	Drainage Area	5.43	square miles
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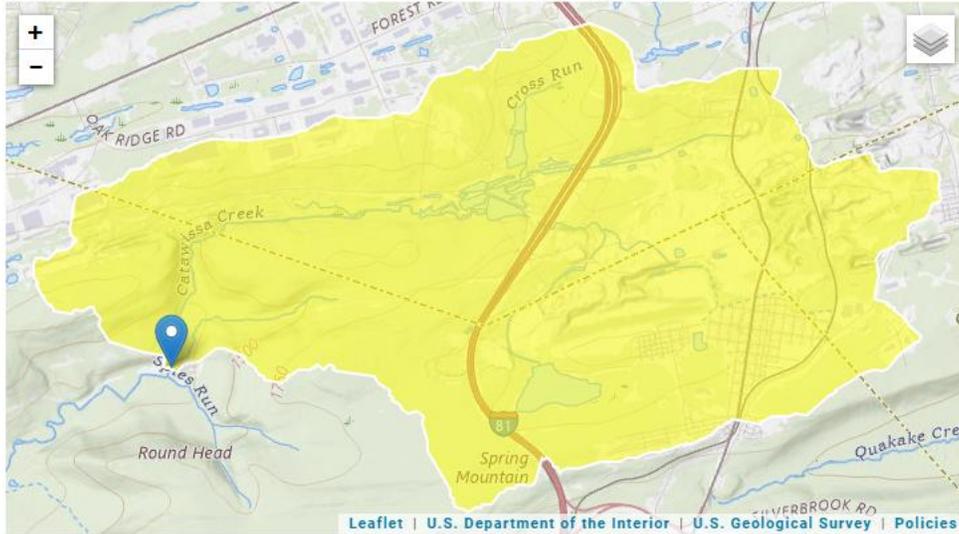
Statistic	Value	Unit
7 Day 2 Year Low Flow	3.51	ft ³ /s
30 Day 2 Year Low Flow	4.37	ft ³ /s
7 Day 10 Year Low Flow	1.76	ft ³ /s

At Confluence with Unnamed Tributary to Catawissa Creek (27613):

RMI	Elevation (ft)	Drainage Area (mi ²)
38.09	1,186.14	11.4

StreamStats Report

Region ID: PA
 Clicked Point (Latitude, Longitude): 40.89825, -76.06858
 Time: 2026-01-21 07:58:13 -0500



DRNAREA	Area that drains to a point on a stream	11.4 square miles
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Using the state-wide Low-Flow Yield (LFY) of 0.1 cfs/mi² :

$$\frac{0.1 \text{ ft}^3/\text{sec}}{\text{mi}^2} \times 5.43 \text{ mi}^2 = \frac{0.543 \text{ ft}^3}{\text{sec}}$$

WQM 7.0 Effluent Limits

SWP Basin	Stream Code	Stream Name					
05E	27529	CATAWISSA CREEK					
RMI	Name	Permit Number	Disc Flow (mgd)	Parameter	Effl. Limit 30-day Ave. (mg/L)	Effl. Limit Maximum (mg/L)	Effl. Limit Minimum (mg/L)
41.600	Altadis ITG Cig	PA0039861	0.086	CBOD5	25		
				NH3-N	11.88	23.76	
				Dissolved Oxygen			3



Discharge Information

Instructions Discharge Stream

Facility: Altadis USA Inc., dba ITG Cigars, Inc. NPDES Permit No.: PA0039861 Outfall No.: 001

Evaluation Type: Major Sewage / Industrial Waste Wastewater Description: IW

Discharge Characteristics								
Design Flow (MGD)*	Hardness (mg/l)*	pH (SU)*	Partial Mix Factors (PMFs)				Complete Mix Times (min)	
			AFC	CFC	THH	CRL	Q ₇₋₁₀	Q ₉₅
0.086	60.2	7.45						

Discharge Pollutant	Units	Max Discharge Conc	0 if left blank		0.5 if left blank		0 if left blank		1 if left blank	
			Trib Conc	Stream Conc	Daily CV	Hourly CV	Stream CV	Fate Coeff	FOS	Criteria Mod
Group 1										
Total Dissolved Solids (PWS)	mg/L	351								
Chloride (PWS)	mg/L	168								
Bromide	mg/L	< 1								
Sulfate (PWS)	mg/L	< 5								
Fluoride (PWS)	mg/L	< 0.2								
Group 2										
Total Aluminum	µg/L	440								
Total Antimony	µg/L	1.46								
Total Arsenic	µg/L	0.8								
Total Barium	µg/L	36.9								
Total Beryllium	µg/L	< 1								
Total Boron	µg/L	< 100								
Total Cadmium	µg/L	< 0.152								
Total Chromium (III)	µg/L	0.63								
Hexavalent Chromium	µg/L	0.63								
Total Cobalt	µg/L	0.41								
Total Copper	µg/L	15.4								
Free Cyanide	µg/L									
Total Cyanide	µg/L	< 6								
Dissolved Iron	µg/L	< 20								
Total Iron	µg/L	397								
Total Lead	µg/L	< 1								
Total Manganese	µg/L	33								
Total Mercury	µg/L	< 0.1								
Total Nickel	µg/L	3.52								
Total Phenols (Phenolics) (PWS)	µg/L	15								
Total Selenium	µg/L	< 5								
Total Silver	µg/L	< 0.132								
Total Thallium	µg/L	< 1								
Total Zinc	µg/L	9.53								
Total Molybdenum	µg/L	< 1								
Acrolein	µg/L	<								
Acrylamide	mg/L	< 0.021								
Acrylonitrile	µg/L	<								
Benzene	µg/L	<								
Bromofom	µg/L	<								



Stream / Surface Water Information

Altadis USA Inc., dba ITG Cigars, Inc., NPDES Permit No. PA0039861, Outfall 001

Instructions Discharge **Stream**

Receiving Surface Water Name: Catawissa Creek No. Reaches to Model: 1

- Statewide Criteria
- Great Lakes Criteria
- ORSANCO Criteria

Location	Stream Code*	RMI*	Elevation (ft)*	DA (mi ²)*	Slope (ft/ft)	PWS Withdrawal (MGD)	Apply Fish Criteria*
Point of Discharge	027529	41.6	1628.94	5.43			Yes
End of Reach 1	027529	38.09	1186.14	11.4			Yes

Q₇₋₁₀

Location	RMI	LFY (cfs/mi ²)*	Flow (cfs)		W/D Ratio	Width (ft)	Depth (ft)	Velocity (fps)	Travel Time (days)	Tributary		Stream		Analysis	
			Stream	Tributary						Hardness	pH	Hardness*	pH*	Hardness	pH
Point of Discharge	41.6	0.1										100	7		
End of Reach 1	38.09	0.1													

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Location	RMI	LFY (cfs/mi ²)*	Flow (cfs)		W/D Ratio	Width (ft)	Depth (ft)	Velocity (fps)	Travel Time (days)	Tributary		Stream		Analysis	
			Stream	Tributary						Hardness	pH	Hardness	pH	Hardness	pH
Point of Discharge	41.6														
End of Reach 1	38.09														

Recommended WQBELs & Monitoring Requirements

No. Samples/Month: 4

Pollutants	Mass Limits		Concentration Limits			Units	Governing WQBEL	WQBEL Basis	Comments
	AML (lbs/day)	MDL (lbs/day)	AML	MDL	IMAX				
Total Aluminum	Report	Report	Report	Report	Report	µg/L	2,443	AFC	Discharge Conc > 10% WQBEL (no RP)
Total Copper	Report	Report	Report	Report	Report	µg/L	42.2	AFC	Discharge Conc > 10% WQBEL (no RP)
Acrylamide	0.002	0.003	0.002	0.004	0.006	mg/L	0.002	CRL	Discharge Conc ≥ 50% WQBEL (RP)



TMS PA0039861
2-26-2026.pdf



WQM 7.0.pdf