



Applicant's Name / Client \_\_\_\_\_

### AQUATIC RESOURCE IMPACT TABLE

#### FOR PENNSYLVANIA CHAPTER 105 WATER OBSTRUCTION AND ENCROACHMENT APPLICATION/REGISTRATION APPLICATION

Please begin to complete the Aquatic Resource Impact Table by including the Applicant's Name / Client (upper right of the page) for each page. Also, complete the Project / Site Name (upper left of the table) and the date of application/registration package submission (upper right of the table, under Applicant's Name / Client). Then complete one row of data for each regulated (PA DEP Chapter 105) structure or activity and type of impact for the proposed project based on the instructions for each column below; add additional worksheets if needed. Provide completed Aquatic Resource Impact Table with **Chapter 105 Water Obstruction and Encroachment application/registration**; DO NOT submit instructions (page 1) for this table.

<b>DEP Permit Number:</b>	leave blank, it will be completed by DEP upon permit acknowledgment/issuance/verification.
<b>Single Complete Crossing No.:</b>	leave blank, it will be completed by DEP upon permit acknowledgment/issuance/verification.
<b>Crossing Number:</b>	leave blank, it will be completed by DEP upon permit acknowledgment/issuance/verification.

<b>Fees</b>	<i>use the Chapter 105 Fee Calculation Worksheet 3150-PM-BWEW0553 to determine applicable fee(s), if needed.</i>
<b>Project Information</b>	<i>provide the appropriate information based on the details on each impact for the project</i>
<b>Structure / Activity Identifier:</b>	provide a unique identifier for each regulated structure and/or activity being proposed, typically a name and number; this same unique identifier should be used in all aspect of the permit registration/application package. (i.e. GP-5-1, GP-5-2)
<b>Aquatic Resource Type</b>	<i>provide the type of aquatic resource (based on watercourse, floodway or wetland) being impacted;</i>
Watercourse:	provide the type of watercourse being impacted: perennial or intermittent stream
Floodway:	provide the type of floodway being impacted: crossing or paralleling to the stream
Wetland:	provide the type of wetland being impacted: PEM, PSS, PFO or POW wetland
<b>Latitude (nad83):</b>	provide the latitude of the aquatic resource impact in decimal degrees
<b>Longitude (nad83):</b>	provide the longitude of the aquatic resource impact in decimal degrees
<b>Waters Name:</b>	provide the name of the stream or other body of water (if available)
<b>PA Code Chapter 93 Designation:</b>	provide the Chapter 93 designation for the aquatic resource (i.e. HQ-CWF, WWF, EV, MF)

<b>PA DEP Chapter 105 Impacts</b>	<i>provide the appropriate information based on the details on each impact for the project</i>
<b>Work Proposed:</b>	provide the type of work proposed to impact the resource; aerial utility line, horizontal drill/boring, trench excavation or placement of fill
<b>PADEP Impact Type:</b>	provide the type of aquatic resource impact; temporary or permanent.
<b>Watercourse Impact:</b>	provide the length and width in feet of impact, indicate "n/a" if impact is to a wetland.
<b>Floodway Impact:</b>	provide the length and width in feet of direct and indirect/secondary 100-year floodway impact, indicate "n/a" if impact is to a wetland.
<b>Wetland Impact:</b>	provide the length and width in feet of impact to wetlands; indicate "n/a" if impact is to a watercourse.

Project / Site Name: Example Project			Date: 2018											
DEP USE ONLY			Project Information							PA DEP / 105				
PADEP Permit Number	Single Complete Crossing No.	Crossing Number	Fee	Structure / Activity unique identifier	Aquatic Resource Type	Latitude dd nad83	Longitude dd nad83	Waters Name	PA Code Chapter 93 Designation	Work Proposed	DEP Impact Type temp / perm	Watercourse Impact Top of Bank to Top of Bank	Floodway Impact Top of Bank Landward	Wetland Impact Dimensions
												Length and Width in feet	Length and Width in feet	Length and Width in feet
			250	GP-5-1	Perennial	417710531	77152930	Dunn Creek	CWF	Excavation	Temp	50 - 30	N/A	N/A
			N/A	GP-5-1	Perennial	417710531	77152930		CWF	Excavation	Temp	N/A	100 - 30	N/A
			250	GP-5-2	PEM	417710618	77152945			Excavation	Temp	N/A	N/A	10 - 30
			350	GP-7-1	Perennial	417710618	77152945	Dunn Creek	CWF	Excavation	Perm	20 - 30	100 - 30	

NOTE: Form 3150-PM-BWEW0557 or equivalent must be printed/submitted for this General Permit Registration or Joint Permit Application.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATERWAYS ENGINEERING AND WETLANDS

Applicant's Name / Client National Fuel Gas Supply Corporation  
**AQUATIC RESOURCE IMPACT TABLE**  
FOR PENNSYLVANIA CHAPTER 105 WATER OBSTRUCTION AND ENCROACHMENT APPLICATION / REGISTRATION

DEP USE ONLY			Project Information						Location				Crossing Information		PADEP/105 Impacts						
PADEP Permit Number Leave blank	Single Complete Project Leave blank	Crossing Number Leave blank	Fee	Structure / Activity unique identifier	Aquatic Resource Type	Waters Name	PA Code Chapter 93 Designation	Trout ID <sup>a</sup>	Latitude dd nad83	Longitude dd nad83	Location Municipality (Township)	USGS Quadrangle	Crossing Type	Crossing Method	DEP Impact Type temp/ Perm <sup>b</sup>	Watercourse Impact <i>Top of Bank to Top of Bank</i>		Floodway Impact <i>Top of Bank Landward</i>		Wetland Impact Dimension	
																Length and Width in Feet	Area (Acres)	Length and Width in Feet	Area (Acres)	Length and Width in Feet	Area (Acres)
				DITCH 80	Ephemeral	UNT to Driftwood Branch Sinnemahoning Creek	EV	ST/MF	41.347294	-78.138212	Driftwood	Driftwood	Existing Road, No Improvements Proposed	N/A	Temp	79.00-1.00	0.002				
				STREAM 127	Intermittent	Colbert Hollow	EV	CA/MF	41.51697746	-78.09557138	Portage	Wharton	Abandon in Place, No Earth Disturbance Proposed	N/A	Perm	4.08 - 1.00	<0.001	153.72 - 1.00	0.004	-	-
				STREAM 130	Ephemeral	UNT to Berge Run	EV	CA/MF	41.50905801	-78.09629892	Lumber	Wharton	Abandon in Place, No Earth Disturbance Proposed	N/A	Perm	1.64 - 1.00	<0.001	100.01 - 1.00	0.002	-	-
				STREAM 131	Perennial	UNT to Berge Run	EV	CA/MF	41.50933212	-78.09626708	Lumber	Wharton	Abandon in Place, No Earth Disturbance Proposed	N/A	Perm	4.02 - 1.00	<0.001	102.01 - 1.00	0.002	-	-
				STREAM 132	Perennial	UNT to Driftwood Branch Sinnemahoning Creek	EV	ST/MF	41.34590607	-78.1433577	Driftwood	Driftwood	Abandon in Place, No Earth Disturbance Proposed	N/A	Perm	12.53 - 1.00	<0.001	102.78 - 1.00	0.002	-	-
				STREAM 134	Floodway	UNT to Miller Run	HQ-CWF	CA	41.32385598	-78.24573111	Benezette	Driftwood	Abandon in Place, No Earth Disturbance Proposed	N/A	Perm	-	-	64.49 - 1.00	0.001	-	-
				STREAM 136	Perennial	UNT to Miller Run	HQ-CWF	CA	41.32380475	-78.24605197	Benezette	Driftwood	Abandon in Place, No Earth Disturbance Proposed	N/A	Perm	5.62 - 1.00	<0.001	121.63 - 1.00	0.003	-	-
				STREAM 166	Ephemeral	UNT to Johnson Run	EV	WT/MF	41.36211159	-78.12424703	Gibson	Sinnemahoning	Abandon in Place	Mat Bridge or Equiv.	Temp	44.00 - 3.00	0.003	-	-	-	-
				STREAM 166	Ephemeral	UNT to Johnson Run	EV	WT/MF	41.36211159	-78.12424703	Gibson	Sinnemahoning	Abandon in Place	Mat Bridge or Equiv.	Perm	1.00 - 3.28	<0.001	-	-	-	-
				STREAM 167	Perennial	Johnson Run	EV	WT/MF	41.36226577	-78.12412207	Gibson	Sinnemahoning	Abandon in Place	Mat Bridge or Equiv.	Temp	49.00 - 47.00	0.054	40.00 - 29.00	0.026	-	-
				STREAM 167	Perennial	Johnson Run	EV	WT/MF	41.36226577	-78.12412207	Gibson	Sinnemahoning	Abandon in Place	Mat Bridge or Equiv.	Perm	46.56 - 1.00	0.001	23.43 - 1.00	0.001	-	-
				STREAM 168	Ephemeral	UNT to Johnson Run	EV	WT/MF	41.36223789	-78.12406492	Gibson	Sinnemahoning	N/A - Workspace	Mat Bridge or Equiv.	Temp	2.00 - 13.00	0.001	-	-	-	-
				STREAM 169	Floodway	Driftwood Branch Sinnemahoning Creek	EV	ST/MF	41.35497482	-78.12688115	Gibson	Driftwood	Abandon in Place, Foam	N/A	Temp	-	-	679.00 - 49.00	0.753	-	-
				STREAM 169	Perennial	Driftwood Branch Sinnemahoning Creek	EV	ST/MF	41.35497482	-78.12688115	Gibson	Driftwood	Abandon in Place, Foam	N/A	Perm	279.74 - 1.00	0.006	1036.07 - 1.00	0.024	-	-
				STREAM 170	Floodway	UNT to Boyer Run	CWF	WT	41.34031579	-78.1543003	Gibson	Driftwood	Abandon in Place, No Earth Disturbance Proposed	N/A	Perm	-	-	65.13-1.00	0.001	-	-
				STREAM 171	Perennial	Boyer Run	CWF	WT	41.3403958	-78.15415735	Driftwood	Driftwood	Abandon in Place, No Earth Disturbance Proposed	N/A	Perm	15.92 - 1.00	<0.001	16.88-1.00	<0.001	-	-
				STREAM 172	Floodway	UNT to Boyer Run	CWF	WT	41.33956728	-78.15562219	Gibson	Driftwood	Abandon in Place, No Earth Disturbance Proposed	N/A	Perm	-	-	124.99-1.00	0.003	-	-
				STREAM 173	Perennial	Little Dent Run	HQ-CWF	CA	41.33232304	-78.17268958	Gibson	Driftwood	Abandon in Place, No Earth Disturbance Proposed	N/A	Perm	20.17-1.00	<0.001	11.75-1.00	<0.001	-	-
				STREAM 174	Floodway	Bennett Branch Sinnemahoning Creek	WWF	WWF	41.33125816	-78.18382838	Gibson	Driftwood	Abandon in Place, Workspace	N/A	Temp	-	-	426.00 - 49.00	0.458	-	-
				STREAM 174	Perennial	Bennett Branch Sinnemahoning Creek	WWF	WWF	41.33125816	-78.18382838	Gibson	Driftwood	Abandon in Place, No Earth Disturbance Proposed	N/A	Perm	186.27-1.00	0.004	1371.45-1.00	0.031	-	-

COMMONWEALTH OF PENNSYLVANIA  
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BUREAU OF WATERWAYS ENGINEERING AND WETLANDS



DEP USE ONLY			Project Information						Location				Crossing Information		PADEP/105 Impacts						
PADEP Permit Number Leave blank	Single Complete Project Leave blank	Crossing Number Leave blank	Fee	Structure / Activity unique identifier	Aquatic Resource Type	Waters Name	PA Code Chapter 93 Designation	Trout ID <sup>a</sup>	Latitude dd nad83	Longitude dd nad83	Location Municipality (Township)	USGS Quadrangle	Crossing Type	Crossing Method	DEP Impact Type temp/ Perm <sup>b</sup>	Watercourse Impact Top of Bank to Top of Bank		Floodway Impact Top of Bank Landward		Wetland Impact Dimension	
																Length and Width in Feet	Area (Acres)	Length and Width in Feet	Area (Acres)	Length and Width in Feet	Area (Acres)
				STREAM 175	Perennial	Mix Run	HQ-CWF	WT/ST	41.32919638	-78.2004463	Gibson	Driftwood	Abandon in Place, No Earth Disturbance Proposed	N/A	Perm	48.70-1.00	0.001	396.24-1.00	0.009	-	-
				STREAM 176	Perennial	UNT to Mix Run	HQ-CWF	WT/ST	41.32891235	-78.20073939	Gibson	Driftwood	Abandon in Place, No Earth Disturbance Proposed	N/A	Perm	23.89-1.00	0.001	-	-	-	-
				STREAM 177	Perennial	UNT to Mix Run	HQ-CWF	WT/ST	41.32864154	-78.20101884	Gibson	Driftwood	Abandon in Place, No Earth Disturbance Proposed	N/A	Perm	27.40-1.00	0.001	-	-	-	-
				STREAM 360	Ephemeral	UNT to Lick Island Run	EV	WT/MF	41.40719538	-78.11400061	Lumber	First Fork	Dam and Pump/Flume	Mat Bridge or Equiv.	Temp	236.00 - 3.00	0.018	254.98 - 49.00	0.289	-	-
				STREAM 360	Ephemeral	UNT to Lick Island Run	EV	WT/MF	41.40719538	-78.11400061	Lumber	First Fork	Dam and Pump/Flume	Mat Bridge or Equiv.	Perm	57.78 - 1.00	0.001	254.98 - 1.00	0.006	-	-
				STREAM 361	Floodway	UNT to Lick Island Run	EV	WT/MF	41.40179547	-78.1154495	Gibson	First Fork	Abandon in Place, No Earth Disturbance Proposed	N/A	Perm	-	-	88.60 -1.00	0.002	-	-
				STREAM 362	Ephemeral	UNT to Grove Run	HQ-CWF	CA	41.38741538	-78.11531008	Gibson	First Fork	Abandon in Place, No Earth Disturbance Proposed	N/A	Perm	3.42 - 1.00	<0.001	168.65 -1.00	0.004	-	-
				STREAM 363	Intermittent	Driftwood Branch Sinnemahoning Creek	EV	ST/MF	41.34961853	-78.13542578	Driftwood	Driftwood	Abandon in Place	Mat Bridge or Equiv.	Temp	4.00 - 114.00	0.005	100.81 - 49.00	0.124	-	-
				STREAM 363	Intermittent	Driftwood Branch Sinnemahoning Creek	EV	ST/MF	41.34961853	-78.13542578	Driftwood	Driftwood	Abandon in Place	Mat Bridge or Equiv.	Perm	4.01 -1.00	<0.001	100.81 -1.00	0.002	-	-
				STREAM 365	Perennial	Driftwood Branch Sinnemahoning Creek	EV	ST/MF	41.34559433	-78.13782607	Driftwood	Driftwood	Existing Road, No Improvements Proposed	Foot Traffic Only	Temp	178.00 - 15.00	0.061	15.00 -30.00	0.010	-	-
				STREAM 366	Ephemeral	UNT to Driftwood Branch Sinnemahoning Creek	EV	ST/MF	41.34586622	-78.13796536	Driftwood	Driftwood	Existing Road, No Improvements Proposed	N/A	Temp	6.00-15.00	0.002	155.00-15.00	0.055	-	-
				STREAM 367	Intermittent	UNT to Johnson Run	EV	WT/MF	41.35931752	-78.12852391	Driftwood	Driftwood	Existing Road, No Improvements Proposed	N/A	Temp	2.00-15.00	0.001	102.00-15.00	0.035	-	-
				STREAM 368	Intermittent	UNT to Johnson Run	EV	WT/MF	41.3629155	-78.12481532	Gibson	Sinnemahoning	Existing Road, No Improvements Proposed	N/A	Temp	8.00-15.00	0.003	119.00-15.00	0.042	-	-
				STREAM 369	Ephemeral	UNT to Johnson Run	EV	WT/MF	41.35797232	-78.12829363	Gibson	Driftwood	Abandon in Place	Mat Bridge or Equiv.	Temp	2.00 - 98.00	0.005	128.00 - 49.00	0.144	-	-
				STREAM 369	Ephemeral	UNT to Johnson Run	EV	WT/MF	41.35797232	-78.12829363	Gibson	Driftwood	Abandon in Place	Mat Bridge or Equiv.	Perm	3.07 -1.00	<0.001	129.30 -1.00	0.003	-	-
				STREAM 370	Ephemeral	UNT to Driftwood Branch Sinnemahoning Creek	EV	ST/MF	41.35753809	-78.12856463	Gibson	Driftwood	N/A - Workspace	N/A	Temp	38.00 - 2.00	0.002	49.00 - 39.00	0.042	-	-
				STREAM 370	Floodway	UNT to Driftwood Branch Sinnemahoning Creek	EV	ST/MF	41.35753809	-78.12856463	Gibson	Driftwood	N/A - Workspace	N/A	Perm	-	-	74.47 -1.00	0.002	-	-
				STREAM 371	Ephemeral	UNT to Mix Run	HQ-CWF	WT/ST	41.33115784	-78.19948779	Gibson	Driftwood	Existing Road, No Improvements Proposed	Mat Bridge or Equiv.	Temp	15.00 -2.00	0.001	15.00 -39.00	0.035	-	-
				WETLAND 131	PEM	-	EV	-	41.51789647	-78.095533	Portage	Wharton	Abandon in Place, No Earth Disturbance Proposed	N/A	Perm	-	-	-	-	34.07 - 1.00	0.001
				WETLAND 147	PEM	-	EV	-	41.35559608	-78.12683125	Gibson	Driftwood	Abandon in Place, Foam	N/A	Perm	-	-	-	-	5.21 - 1.00	<0.001
				WETLAND 147a	PEM	-	EV	-	41.35445148	-78.1269395	Gibson	Driftwood	Abandon in Place, Foam	N/A	Perm	-	-	-	-	102.97 - 1.00	0.002

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PADEP Permit Number Leave blank	Single Complete Project Leave blank	Crossing Number Leave blank	Fee	Structure / Activity unique identifier	Aquatic Resource Type	Waters Name	PA Code Chapter 93 Designation	Trout ID <sup>a</sup>	Latitude dd nad83	Longitude dd nad83	Location Municipality (Township)	USGS Quadrangle	Crossing Type	Crossing Method	DEP Impact Type temp/ Perm <sup>b</sup>	Watercourse Impact Top of Bank to Top of Bank		Floodway Impact Top of Bank Landward		Wetland Impact Dimension	
																Length and Width in Feet	Area (Acres)	Length and Width in Feet	Area (Acres)	Length and Width in Feet	Area (Acres)
				WETLAND 148	PSS	-	EV	-	41.32828221	-78.20166769	Gibson	Driftwood	Abandon in Place, No Earth Disturbance Proposed	N/A	Perm	-	-	-	-	91.03 – 1.00	0.002
				WETLAND 292	PEM	-	EV	-	41.40704938	-78.11398833	Lumber	First Fork	N/A - Workspace	N/A	Temp	-	-	-	-	106.00 – 17.00	0.043
				WETLAND 294	PEM	-	EV	-	41.40207696	-78.11537483	Gibson	First Fork	Abandon in Place, No Earth Disturbance Proposed	N/A	Perm	-	-	-	-	10.97 -1.00	<0.001
				WETLAND 297	PEM	-	OTHER	-	41.38132261	-78.11295082	Gibson	First Fork	Abandon in Place, No Earth Disturbance Proposed	N/A	Perm	-	-	-	-	927.77 -1.00	0.021
				WETLAND 297a	PEM	-	OTHER	-	41.37992183	-78.11240846	Gibson	First Fork	Abandon in Place, No Earth Disturbance Proposed	N/A	Perm	-	-	-	-	28.16 -1.00	0.001
				WETLAND 297b	PEM	-	OTHER	-	41.38282697	-78.11353323	Gibson	First Fork	Abandon in Place, No Earth Disturbance Proposed	N/A	Perm	-	-	-	-	47.73 -1.00	0.001
				WETLAND 299	PEM	-	OTHER	-	41.38541868	-78.11453686	Gibson	First Fork	Abandon in Place, No Earth Disturbance Proposed	N/A	Perm	-	-	-	-	144.79 – 1.00	0.003
				WETLAND 299a	PEM	-	OTHER	-	41.38987236	-78.11621044	Gibson	First Fork	Abandon in Place, No Earth Disturbance Proposed	N/A	Perm	-	-	-	-	226.11 – 1.00	0.005
				WETLAND 303	PSS	-	EV	-	41.34637742	-78.13806629	Driftwood	Driftwood	Existing Road, No Improvements Proposed	N/A	Temp	-	-	-	-	200.00 -15.00	0.065
				WETLAND 303b	PSS	-	EV	-	41.3458464	-78.13791865	Driftwood	Driftwood	Existing Road, No Improvements Proposed	N/A	Temp	-	-	-	-	12.00 -15.00	0.005
				WETLAND 305	PEM	-	EV	-	41.35702428	-78.12860162	Gibson	Driftwood	Abandon in Place	Mat Bridge or Equiv.	Temp	-	-	-	-	158.00 – 20.00	0.075
				WETLAND 305	PEM	-	EV	-	41.35702428	-78.12860162	Gibson	Driftwood	Abandon in Place	Mat Bridge or Equiv.	Perm	-	-	-	-	45.49 – 1.00	0.001
				WETLAND 305a	PEM	-	EV	-	41.35642891	-78.12777178	Gibson	Driftwood	N/A - Workspace	N/A	Temp	-	-	-	-	13.00 – 1.00	<0.001

<sup>a</sup> PAFBC Designations: ST = Stocked Trout; WT = Wild Trout; CA = Class A Trout; MF = Migratory Fish

<sup>b</sup> PADEP Impact Type: temporary or permanent. Permanent Impacts are those areas affected by a water obstruction or encroachment that consist of both direct and indirect impacts that result from the placement or construction of a water obstruction or encroachment and include areas necessary for the operation and maintenance of the water obstruction or encroachment located in, along or across, or projecting into a watercourse, floodway or body of water. Temporary Impacts are those areas affected during the construction of a water obstruction or encroachment that consists of both direct and indirect impacts located in, along or across, or projecting into a watercourse, floodway or body of water that are restored upon completion of construction. This does not include areas that will be maintained as a result of the operation and maintenance of the water obstruction or encroachment located in, along or across, or projecting into a watercourse, floodway or body of water (these are considered permanent impacts).