



**Transcontinental Gas Pipe Line Company, LLC**

**Requirement J-2 – PA DEP Aquatic Resource Impact Table**

**Regional Energy Access Expansion Project –  
Regional Energy Lateral and Existing Compressor Station 515**

**April 2021  
(Revised March 2022)**

## Aquatic Resource Impact Table

For PA Chapter 105 Water Obstruction and Enchroachment Application  
 Project Name: REAE - Regional Energy Lateral and Existing Compressor Station 515

DEP USE ONLY			Project Information							PADEP / 105						
PADEP Permit Number	Single Crossing No.	Crossing Number	Structure / Activity Unique Identifier	Aquatic Resource Type	Latitude	Longitude	Waters Name	PA Code Chapter 93	Work Proposed	DEP Impact Type	Watercourse Impact		Floodway Impact		Wetland Impact	
											Top of Bank to Top		Top of Bank		Dimensions	
											Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet
			S18-T2-REL-1	Ephemeral	41.176109	-75.675787	UNT to Shades Creek	HQ-CWF, MF	EXCAVATION	PERM	78X9	567	153X17	2688	-	-
			S18-T2-REL-1	Ephemeral	41.175997	-75.675779	UNT to Shades Creek	HQ-CWF, MF	EXCAVATION	TEMP	33X6	198	175X38	5474	-	-
			S18-T2-REL-1	Ephemeral	41.175989	-75.675779	UNT to Shades Creek	HQ-CWF, MF	MATS	TEMP	20X10	162	20X52	754	-	-
			S19-T2-REL-1	Ephemeral	41.176312	-75.676282	UNT to Shades Creek	HQ-CWF, MF	EXCAVATION	TEMP	-	-	137X22	2942	-	-
			S20-T2-REL-1	Perennial	41.177912	-75.678019	UNT to Shades Creek	HQ-CWF, MF	EXCAVATION	PERM	61X14	747	138X22	3293	-	-
			S20-T2-REL-1	Perennial	41.177913	-75.678161	UNT to Shades Creek	HQ-CWF, MF	EXCAVATION	TEMP	24X10	234	139X35	4471	-	-
			S20-T2-REL-1	Perennial	41.177910	-75.678166	UNT to Shades Creek	HQ-CWF, MF	MATS	TEMP	20X11	199	20X65	1025	-	-
			W22-T1-REL-1	PEM	41.176850	-75.676653	Wetland	EV	EXCAVATION	PERM	-	-	-	-	990X28	26211
			W22-T1-REL-1	PEM	41.177346	-75.677356	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	134X1	123
			W79-T1-REL-1	PEM	41.178206	-75.678351	Wetland	EV	EXCAVATION	PERM	-	-	-	-	244X23	4471
			W79-T1-REL-1	PFO	41.178066	-75.678247	Wetland	EV	EXCAVATION	PERM	-	-	-	-	13X0.07	1
			W79-T1-REL-1	PFO	41.178218	-75.678465	Wetland	EV	EXCAVATION	PERM PFO/PSS	-	-	-	-	70X8	561
			W79-T1-REL-1	PFO	41.178226	-75.678578	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	79X31	2281
			W79-T1-REL-1	PFO	41.178003	-75.678269	Wetland	EV	MATS	TEMP	-	-	-	-	20X19	290
			W79-T1-REL-1	PFO	41.178277	-75.678622	Wetland	EV	MATS	TEMP	-	-	-	-	20X57	1147
			S3-T13-REL-2	Perennial	41.184318	-75.684331	Shades Creek	HQ-CWF, MF	EXCAVATION	PERM	45X11	525	100X45	4570	-	-
			S3-T13-REL-2	Perennial	41.184177	-75.684613	Shades Creek	HQ-CWF, MF	EXCAVATION	TEMP	77X20	1296	46X289	12066	-	-
			S3-T13-REL-2	Perennial	41.184263	-75.684430	Shades Creek	HQ-CWF, MF	MATS	TEMP	20X23	422	20X29	494	-	-
			W41-T3-REL-2	PSS	41.184324	-75.684283	Wetland	EV	EXCAVATION	PERM	-	-	-	-	8X33	237
			W41-T3-REL-2	PSS	41.184281	-75.684331	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	1X0.9	1
			S44-T2-REL-3	Perennial	41.186911	-75.686586	UNT to Shades Creek	HQ-CWF, MF	EXCAVATION	PERM	40X11	498	144X18	2001	-	-
			S44-T2-REL-3	Perennial	41.186973	-75.686489	UNT to Shades Creek	HQ-CWF, MF	EXCAVATION	TEMP	29X13	358	98X35	3566	-	-
			S44-T2-REL-3	Perennial	41.186971	-75.686495	UNT to Shades Creek	HQ-CWF, MF	MATS	TEMP	20X13	244	20X13	451	-	-
			W10a-T4-REL-3	PFO	41.186955	-75.686588	Wetland	EV	EXCAVATION	PERM	-	-	-	-	0.5X3	2
			W10a-T4-REL-3	PFO	41.186966	-75.686566	Wetland	EV	EXCAVATION	PERM PFO/PSS	-	-	-	-	3X10	24
			W10a-T4-REL-3	PFO	41.187002	-75.686497	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	8X35	253
			W10a-T4-REL-3	PFO	41.186995	-75.686512	Wetland	EV	MATS	TEMP	-	-	-	-	20X9	148
			W10b-T4-REL-3	PEM	41.186663	-75.686430	Wetland	EV	EXCAVATION	PERM	-	-	-	-	188X25	3763
			W10-T4-REL-3	PEM	41.187559	-75.687173	Wetland	EV	EXCAVATION	PERM	-	-	-	-	542X24	13053
			W10-T4-REL-3	PFO	41.188017	-75.687567	Wetland	EV	EXCAVATION	PERM	-	-	-	-	56X4	225
			W10-T4-REL-3	PFO	41.188027	-75.687545	Wetland	EV	EXCAVATION	PERM PFO/PSS	-	-	-	-	142X10	1389
			W10-T4-REL-3	PFO	41.188090	-75.687558	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	159X19	2985
			W10-T4-REL-3	PSS	41.188158	-75.687569	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	138X15	2023
			W10-T4-REL-3	PSS/PFO	41.188102	-75.687561	Wetland	EV	MATS	TEMP	-	-	-	-	20X146	2936
			W105-T2-REL-4	PEM	41.189209	-75.689569	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	138X16	2224
			W106-T2-REL-4	PEM	41.188851	-75.689011	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	17X16	264
			W107-T2-REL-4	PEM	41.188546	-75.688535	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	20X11	184
			W108-T2-REL-4	PEM	41.188341	-75.688171	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	112X28	2436
			W108-T2-REL-4	PEM	41.188411	-75.688175	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	3X5	11
			W8-T4-REL-4	PEM	41.189199	-75.689204	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	328X9	2707
			S1-T13-REL-5	Perennial	41.190222	-75.691126	UNT to Shades Creek	HQ-CWF, MF	EXCAVATION	PERM	80X6	451	117X18	2060	-	-
			S1-T13-REL-5	Perennial	41.190279	-75.690981	UNT to Shades Creek	HQ-CWF, MF	EXCAVATION	TEMP	-	-	119X17	1786	-	-
			S1-T13-REL-5	Perennial	41.190247	-75.690968	UNT to Shades Creek	HQ-CWF, MF	MATS	TEMP	-	-	20X58	850	-	-
			S2-T13-REL-5	Perennial	41.189904	-75.690599	UNT to Shades Creek	HQ-CWF, MF	EXCAVATION	PERM	56X4	196	90X22	2152	-	-
			S2-T13-REL-5	Perennial	41.189977	-75.690601	UNT to Shades Creek	HQ-CWF, MF	EXCAVATION	TEMP	5X4	21	92X30	2252	-	-
			S2-T13-REL-5	Perennial	41.189980	-75.690599	UNT to Shades Creek	HQ-CWF, MF	MATS	TEMP	4X3	9	20X21	881.48	-	-
			W103-T2-REL-5	PEM	41.190698	-75.691927	Wetland	EV	EXCAVATION	PERM	-	-	-	-	549X20	10951
			W103-T2-REL-5	PEM	41.190792	-75.691803	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	18X153	2750
			W103-T2-REL-5	PFO	41.190454	-75.691453	Wetland	EV	EXCAVATION	PERM	-	-	-	-	305X6	1829
			W103-T2-REL-5	PFO	41.190443	-75.691385	Wetland	EV	EXCAVATION	PERM PFO/PSS	-	-	-	-	317X10	2927
			W103-T2-REL-5	PFO	41.190421	-75.691273	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	276X16	4413

## Aquatic Resource Impact Table

For PA Chapter 105 Water Obstruction and Enchroachment Application

Project Name: REAE - Regional Energy Lateral and Existing Compressor Station 515

DEP USE ONLY			Project Information							PADEP / 105						
PADEP Permit Number	Single Crossing No.	Crossing Number	Structure / Activity Unique Identifier	Aquatic Resource Type	Latitude	Longitude	Waters Name	PA Code Chapter 93	Work Proposed	DEP Impact Type	Watercourse Impact		Floodway Impact		Wetland Impact Dimensions	
										temp/perm	Top of Bank to Top		Top of Bank		Length and Width	
											Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet
			W103-T2-REL-5	PFO/PEM	41.190439	-75.691306	Wetland	EV	MATS	TEMP	-	-	-	-	20X265	4437
			W103-T2-REL-5	PFO/PEM	41.191291	-75.692634	Wetland	EV	MATS	TEMP	-	-	-	-	20X21	391
			W104-T2-REL-5	PEM	41.190100	-75.690946	Wetland	EV	EXCAVATION	PERM	-	-	-	-	37X11	398
			W38-T3-REL-5	PEM	41.191149	-75.692321	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	64X15	952
			W38-T3-REL-5	PEM/PFO	41.191119	-75.692329	Wetland	EV	MATS	TEMP	-	-	-	-	20X53	633
			W38-T3-REL-5	PFO	41.191108	-75.692335	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	42X13	470
			W39-T3-REL-5	PEM	41.189875	-75.690617	Wetland	EV	EXCAVATION	PERM	-	-	-	-	127X18	2145
			W39-T3-REL-5	PEM	41.190085	-75.690639	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	119X19	1982
			W39-T3-REL-5	PFO	41.189934	-75.690631	Wetland	EV	EXCAVATION	PERM	-	-	-	-	46X9	384
			W39-T3-REL-5	PFO	41.189961	-75.690619	Wetland	EV	EXCAVATION	PERM PFO/PSS	-	-	-	-	37X10	353
			W39-T3-REL-5	PFO	41.189990	-75.690602	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	27X13	349
			W39-T3-REL-5	PFO/PEM	41.190059	-75.690651	Wetland	EV	MATS	TEMP	-	-	-	-	20X91	803
			W5-T13-REL-5	PEM	41.191556	-75.693321	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	285X11	3125
			W37-T3-REL-6	PEM	41.192947	-75.695241	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	7X42	257
			W37-T3-REL-6	PEM	41.192940	-75.695252	Wetland	OTHER	MATS	TEMP	-	-	-	-	19X7	129
			W36-T3-REL-7	PEM	41.194619	-75.697892	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	10X27	233
			W101-T2-REL-8	PEM	41.195536	-75.699632	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	180X12	1861
			W3-T13-REL-8	PEM	41.195936	-75.700249	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	248X5	1235
			W3-T13-REL-8	PEM	41.195830	-75.699814	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	52X20	1062
			W3-T13-REL-8	PEM	41.195758	-75.699734	Wetland	OTHER	MATS	TEMP	-	-	-	-	20X31	469
			W3-T13-REL-8	PEM/PFO	41.195950	-75.700060	Wetland	OTHER	MATS	TEMP	-	-	-	-	20X23	433
			W3-T13-REL-8	PFO	41.195872	-75.700081	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	14X8	111
			W3-T13-REL-8	PFO	41.195902	-75.700075	Wetland	OTHER	EXCAVATION	PERM PFO/PSS	-	-	-	-	18X10	146
			W3-T13-REL-8	PFO	41.195942	-75.700069	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	24X14	348
			S42-T2-REL-9	Perennial	41.196908	-75.701769	Little Shades Creek	HQ-CWF, MF	EXCAVATION	PERM	40X14	685	108X30	3214	-	-
			S42-T2-REL-9	Perennial	41.196966	-75.701679	Little Shades Creek	HQ-CWF, MF	EXCAVATION	TEMP	25X15	383	99X36	3556	-	-
			S42-T2-REL-9	Perennial	41.196967	-75.701678	Little Shades Creek	HQ-CWF, MF	MATS	TEMP	20X17	304	20X12	445	-	-
			W7a-T4-REL-9	PEM	41.196744	-75.701573	Wetland	EV	EXCAVATION	PERM	-	-	-	-	197X16	2854
			W4-T4-REL-10	PEM	41.197652	-75.702688	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	34X18	598
			W99-T2-REL-11	PEM	41.200357	-75.707315	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	166X22	3206
			W99-T2-REL-11	PEM	41.200584	-75.707420	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	23X46	1022
			W99-T2-REL-11	PEM	41.200573	-75.707416	Wetland	OTHER	MATS	TEMP	-	-	-	-	20X20	318
			W1-T4-REL-12	PEM	41.200963	-75.708280	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	195X27	4996
			W1-T4-REL-12	PEM	41.201003	-75.708077	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	22X28	589
			W1-T4-REL-12	PEM/PFO	41.200988	-75.708109	Wetland	OTHER	MATS	TEMP	-	-	-	-	20X35	564
			W1-T4-REL-12	PFO	41.200952	-75.708176	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	49X3	166
			W1-T4-REL-12	PFO	41.200961	-75.708152	Wetland	OTHER	EXCAVATION	PERM PFO/PSS	-	-	-	-	45X10	451
			W1-T4-REL-12	PFO	41.200985	-75.708133	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	36X12	320
			W42-T1-REL-13	PEM	41.202629	-75.710785	Wetland	EV	EXCAVATION	PERM	-	-	-	-	391X22	8597
			W42-T1-REL-13	PFO	41.202724	-75.710834	Wetland	EV	EXCAVATION	PERM	-	-	-	-	188X7	1145
			W42-T1-REL-13	PFO	41.202678	-75.710729	Wetland	EV	EXCAVATION	PERM PFO/PSS	-	-	-	-	327X10	3112
			W42-T1-REL-13	PFO	41.202707	-75.710683	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	340X23	7752
			W42-T1-REL-13	PFO/PSS	41.202677	-75.710621	Wetland	EV	MATS	TEMP	-	-	-	-	20X391	7642
			W42-T1-REL-13	PSS	41.202290	-75.710282	Wetland	EV	EXCAVATION	PERM	-	-	-	-	26X18	459
			W42-T1-REL-13	PSS	41.202623	-75.710507	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	398X13	6082
			W6-T11-REL-14	PEM	41.208410	-75.719145	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	15X5	36
			W92-T2-REL-14	PEM	41.209204	-75.720396	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	38X10	330
			W93-T2-REL-14	PEM	41.209693	-75.721158	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	267X15	3858
			S5-T11-REL-15	Perennial	41.210761	-75.723064	UNT to Meadow Run	HQ-CWF, MF	EXCAVATION	PERM	-	-	38X3	116	-	-
			W31-T3-REL-15	PEM	41.210959	-75.723247	Wetland	EV	EXCAVATION	PERM	-	-	-	-	390X41	15917
			W31-T3-REL-15	PEM	41.210898	-75.722717	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	60X7	374

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DEP USE ONLY			Project Information							PADEP / 105						
PADEP Permit Number	Single Crossing No.	Crossing Number	Structure / Activity Unique Identifier	Aquatic Resource Type	Latitude	Longitude	Waters Name	PA Code Chapter 93	Work Proposed	DEP Impact Type	Watercourse Impact		Floodway Impact		Wetland Impact	
											Top of Bank to Top		Top of Bank		Dimensions	
										temp/perm	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet
			W31-T3-REL-15	PFO	41.210944	-75.723079	Wetland	EV	EXCAVATION	PERM	-	-	-	-	337X14	4647
			W31-T3-REL-15	PFO	41.211030	-75.723135	Wetland	EV	EXCAVATION	PERM PFO/PSS	-	-	-	-	340X10	3395
			W31-T3-REL-15	PFO	41.211043	-75.723075	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	344X27	9342
			W31-T3-REL-15	PFO/PSS	41.211043	-75.723059	Wetland	EV	MATS	TEMP	-	-	-	-	20X345	6727
			W31-T3-REL-15	PSS	41.211146	-75.723118	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	238X8	2095
			W47-T1-REL-16	PEM	41.211859	-75.724636	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	65X4	257
			S38-T2-REL-17	Perennial	41.212591	-75.725687	Meadow Run	HQ-CWF, MF	EXCAVATION	PERM	37X25	920	104X46	4731	-	-
			S38-T2-REL-17	Perennial	41.212637	-75.725573	Meadow Run	HQ-CWF, MF	EXCAVATION	TEMP	33X21	684	109X46	5008	-	-
			S38-T2-REL-17	Perennial	41.212634	-75.725580	Meadow Run	HQ-CWF, MF	MATS	TEMP	20X23	467	20X19	595	-	-
			W14-T5-REL-18	PSS	41.214653	-75.728974	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	61X25	1456
			W14-T5-REL-18	PSS	41.214693	-75.728837	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	74X46	3074
			W14-T5-REL-18	PSS	41.214695	-75.728839	Wetland	OTHER	MATS	TEMP	-	-	-	-	20X74	1445
			S40-T2-REL-19	Perennial	41.215504	-75.730344	UNT to Bear Creek	HQ-CWF, MF	EXCAVATION	PERM	33X3	116	49X40	1919	-	-
			S40-T2-REL-19	Perennial	41.215556	-75.730225	UNT to Bear Creek	HQ-CWF, MF	EXCAVATION	TEMP	40X11	340	52X36	1786	-	-
			S40-T2-REL-19	Perennial	41.215558	-75.730215	UNT to Bear Creek	HQ-CWF, MF	MATS	TEMP	20X17	254	20X21	351	-	-
			W96-T2-REL-19	PEM	41.215355	-75.730163	Wetland	EV	EXCAVATION	PERM	-	-	-	-	129X6	727
			W96-T2-REL-19	PFO	41.215340	-75.729957	Wetland	EV	EXCAVATION	PERM PFO/PSS	-	-	-	-	121X7	671
			W96-T2-REL-19	PFO	41.215328	-75.729851	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	278X23	5092
			W96-T2-REL-19	PFO/PSS	41.215329	-75.729849	Wetland	EV	MATS	TEMP	-	-	-	-	20X184	4869
			W96-T2-REL-19	POW	41.215473	-75.730318	Wetland	EV	EXCAVATION	PERM	-	-	-	-	42X22	825
			W96-T2-REL-19	PSS	41.215371	-75.730112	Wetland	EV	EXCAVATION	PERM	-	-	-	-	152X18	2716
			W96-T2-REL-19	PSS	41.215364	-75.729906	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	296X17	4857
			S8-T5-REL-20	Perennial	41.217421	-75.733341	Bear Creek	HQ-CWF, MF	EXCAVATION	PERM	41X38	1661	102X37	3657	-	-
			S8-T5-REL-20	Perennial	41.217536	-75.733312	Bear Creek	HQ-CWF, MF	EXCAVATION	TEMP	48X33	1560	156X24	3618	-	-
			S8-T5-REL-20	Perennial	41.217518	-75.733320	Bear Creek	HQ-CWF, MF	MATS	TEMP	20X41	788	20X65	1336	-	-
			S9-T5-REL-20	Intermittent	41.217169	-75.732956	Bear Creek	HQ-CWF, MF	EXCAVATION	PERM	-	-	107X41	4108	-	-
			S9-T5-REL-20	Intermittent	41.217231	-75.732900	Bear Creek	HQ-CWF, MF	EXCAVATION	TEMP	-	-	63X17	856	-	-
			S9-T5-REL-20	Intermittent	41.217270	-75.732958	Bear Creek	HQ-CWF, MF	MATS	TEMP	-	-	14X14	250	-	-
			W15b-T5-REL-20	PFO	41.217194	-75.732994	Wetland	EV	EXCAVATION	PERM	-	-	-	-	11X26	261
			W15b-T5-REL-20	PFO	41.217242	-75.732983	Wetland	EV	EXCAVATION	PERM PFO/PSS	-	-	-	-	16X11	170
			W15b-T5-REL-20	PFO	41.217263	-75.732968	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	19X6	106
			W15b-T5-REL-20	PFO/PSS	41.217369	-75.733075	Wetland	EV	MATS	TEMP	-	-	-	-	20X109	1052
			W15b-T5-REL-20	PSS	41.217390	-75.733091	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	125X11	1336
			W48-T1-REL-20	PEM	41.217457	-75.733478	Wetland	EV	EXCAVATION	PERM	-	-	-	-	13X11	143
			W48-T1-REL-20	PEM	41.217589	-75.733437	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	6X50	298
			W48-T1-REL-20	PEM/PSS	41.217589	-75.733438	Wetland	EV	MATS	TEMP	-	-	-	-	20X10	157
			W48-T1-REL-20	PSS	41.217489	-75.733453	Wetland	EV	EXCAVATION	PERM	-	-	-	-	8X21	133
			W48-T1-REL-20	PSS	41.217390	-75.733091	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	125X11	64
			W49-T1-REL-21	PEM	41.218331	-75.734936	Wetland	EV	EXCAVATION	PERM	-	-	-	-	518X39	19553
			W49-T1-REL-21	PEM	41.218626	-75.735011	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	185X21	3614
			W49-T1-REL-21	PFO	41.218283	-75.734706	Wetland	EV	EXCAVATION	PERM	-	-	-	-	341X15	4908
			W49-T1-REL-21	PFO	41.218297	-75.734656	Wetland	EV	EXCAVATION	PERM PFO/PSS	-	-	-	-	339X10	3258
			W49-T1-REL-21	PFO	41.218310	-75.734632	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	409X14	5346
			W49-T1-REL-21	PSS	41.217700	-75.733820	Wetland	EV	EXCAVATION	PERM	-	-	-	-	23X30	620
			W49-T1-REL-21	PSS	41.218049	-75.734114	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	205X16	3172
			W49-T1-REL-21	PSS/PFO/PEM	41.218290	-75.734546	Wetland	EV	MATS	TEMP	-	-	-	-	20X185	7141
			W97-T2-REL-22	PEM	41.219879	-75.737349	Wetland	EV	EXCAVATION	PERM	-	-	-	-	319X43	12484
			W97-T2-REL-22	PFO	41.219980	-75.737326	Wetland	EV	EXCAVATION	PERM	-	-	-	-	141X14	1751
			W97-T2-REL-22	PFO	41.219976	-75.737257	Wetland	EV	EXCAVATION	PERM PFO/PSS	-	-	-	-	263X10	2103
			W97-T2-REL-22	PFO	41.220012	-75.737189	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	283X35	9592
			W97-T2-REL-22	PFO	41.219986	-75.737161	Wetland	EV	MATS	TEMP	-	-	-	-	20X276	5402

## Aquatic Resource Impact Table

For PA Chapter 105 Water Obstruction and Enchroachment Application

Project Name: REAE - Regional Energy Lateral and Existing Compressor Station 515

DEP USE ONLY			Project Information							PADEP / 105						
PADEP Permit Number	Single Crossing No.	Crossing Number	Structure / Activity Unique Identifier	Aquatic Resource Type	Latitude	Longitude	Waters Name	PA Code Chapter 93	Work Proposed	DEP Impact Type	Watercourse Impact		Floodway Impact		Wetland Impact Dimensions	
											Top of Bank to Top		Top of Bank		Length and Width	
										temp/perm	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet
			W4-T12-REL-23	PEM	41.222485	-75.740943	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	63X8	426
			W4-T12-REL-23	PEM/PFO	41.222527	-75.740905	Wetland	EV	MATS	TEMP	-	-	-	-	20X47	462
			W4-T12-REL-23	PFO	41.222564	-75.740865	Wetland	EV	EXCAVATION	PERM	-	-	-	-	3X2	6
			W4-T12-REL-23	PFO	41.222583	-75.740901	Wetland	EV	EXCAVATION	PERM PFO/PSS	-	-	-	-	18X8	107
			W4-T12-REL-23	PFO	41.222521	-75.740900	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	42X16	675
			W84-T2-REL-23	PEM	41.222107	-75.740370	Wetland	EV	EXCAVATION	PERM	-	-	-	-	0.7X0.3	0.2
			W84-T2-REL-23	PEM	41.222090	-75.740408	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	19X35	638
			W84-T2-REL-23	PEM	41.222102	-75.740405	Wetland	EV	MATS	TEMP	-	-	-	-	20X31	365
			W9-T5-REL-23	PEM	41.221988	-75.740009	Wetland	EV	EXCAVATION	PERM	-	-	-	-	512X21	10153
			W9-T5-REL-23	PEM	41.222006	-75.740017	Wetland	EV	MATS	TEMP	-	-	-	-	20X28	1352
			W9-T5-REL-23	PFO	41.221788	-75.739595	Wetland	EV	EXCAVATION	PERM	-	-	-	-	8X13	105
			W9-T5-REL-23	PFO	41.221820	-75.739583	Wetland	EV	EXCAVATION	PERM PFO/PSS	-	-	-	-	10X13	113
			W9-T5-REL-23	PFO	41.221838	-75.739454	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	109X15	1565
			W9-T5-REL-23	PFO	41.221832	-75.739480	Wetland	EV	MATS	TEMP	-	-	-	-	20X51	419
			W86-T2-REL-24	PEM	41.225359	-75.744238	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	742X39	25255
			W86-T2-REL-24	PEM	41.225022	-75.743942	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	116X3	312
			W86-T2-REL-24	PFO	41.225456	-75.744472	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	47X3	126
			W86-T2-REL-24	PFO	41.225449	-75.744494	Wetland	OTHER	EXCAVATION	PERM PFO/PSS	-	-	-	-	44X10	444
			W86-T2-REL-24	PFO	41.225436	-75.744535	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	39X13	470
			W86-T2-REL-24	PFO	41.225437	-75.744538	Wetland	OTHER	MATS	TEMP	-	-	-	-	20X36	348
			W12-T5-REL-25	PEM	41.227733	-75.747231	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	906X38	25982
			W12-T5-REL-25	PFO	41.227074	-75.746512	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	7X0.1	1
			W12-T5-REL-25	PFO	41.227106	-75.746578	Wetland	OTHER	EXCAVATION	PERM PFO/PSS	-	-	-	-	39X9	345
			W12-T5-REL-25	PFO	41.227115	-75.746671	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	23X55	888
			W12-T5-REL-25	PFO	41.227118	-75.746669	Wetland	OTHER	MATS	TEMP	-	-	-	-	20X48	724
			W87-T2-REL-25	PEM	41.228599	-75.748241	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	251X6	1583
			S2-T12-REL-26	Perennial	41.229481	-75.749429	UNT to Little Bear Creek	HQ-CWF, MF	EXCAVATION	PERM	72X4	242	-	-	-	-
			S2-T12-REL-26	Perennial	41.229410	-75.749555	UNT to Little Bear Creek	HQ-CWF, MF	EXCAVATION	TEMP	30X4	117	-	-	-	-
			S2-T12-REL-26	Perennial	41.229409	-75.749560	UNT to Little Bear Creek	HQ-CWF, MF	MATS	TEMP	20X8	101	-	-	-	-
			W13-T5-REL-26	PEM	41.229467	-75.749406	Wetland	EV	EXCAVATION	PERM	-	-	-	-	272X55	14676
			W13-T5-REL-26	PEM	41.229198	-75.749234	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	23X0.5	12
			W13-T5-REL-26	PFO	41.229511	-75.749610	Wetland	EV	EXCAVATION	PERM PFO/PSS	-	-	-	-	203X5	963
			W13-T5-REL-26	PFO	41.229394	-75.749564	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	222X36	7753
			W13-T5-REL-26	PFO	41.229400	-75.749548	Wetland	EV	MATS	TEMP	-	-	-	-	20X225	4451
			S35-T2-REL-27	Intermittent	41.232161	-75.752813	UNT to Little Bear Creek	HQ-CWF, MF	EXCAVATION	PERM	215X3	992	207X18	3717	-	-
			S35-T2-REL-27	Intermittent	41.232248	-75.753105	UNT to Little Bear Creek	HQ-CWF, MF	EXCAVATION	TEMP	36X3	138	174X36	6197	-	-
			S35-T2-REL-27	Intermittent	41.232256	-75.753136	UNT to Little Bear Creek	HQ-CWF, MF	MATS	TEMP	20X15	112	20X26	563	-	-
			S35-T2-REL-27	Intermittent	41.232260	-75.753145	UNT to Little Bear Creek	HQ-CWF, MF	MATS	TEMP	-	-	20X16	453	-	-
			W89-T2-REL-27	PEM	41.232185	-75.752808	Wetland	EV	EXCAVATION	PERM	-	-	-	-	247X39	9947
			W89-T2-REL-27	PEM	41.232281	-75.753107	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	0.4X0.2	0.04
			W89-T2-REL-27	PFO	41.232327	-75.753104	Wetland	EV	EXCAVATION	PERM	-	-	-	-	16X4	64
			W89-T2-REL-27	PFO	41.232117	-75.752878	Wetland	EV	EXCAVATION	PERM PFO/PSS	-	-	-	-	45X7	326
			W89-T2-REL-27	PFO	41.232080	-75.752933	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	60X35	1836
			W89-T2-REL-27	PFO	41.231974	-75.752802	Wetland	EV	MATS	TEMP	-	-	-	-	20X38	554
			W89-T2-REL-27	PFO	41.232255	-75.753150	Wetland	EV	MATS	TEMP	-	-	-	-	20X27	305
			W90-T2-REL-27	PEM	41.232581	-75.753249	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	41X9	304
			S61-T2-REL-28	Perennial	41.240554	-75.758337	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	PERM	31X8	243	70X30	3441	-	-
			S61-T2-REL-28	Perennial	41.240538	-75.758351	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	TEMP	36X13	401	108X45	4716	-	-
			S61-T2-REL-28	Perennial	41.240583	-75.758433	UNT to Mill Creek	HQ-CWF, MF	MATS	TEMP	20X10	159	-	-	-	-
			S62-T2-REL-28	Perennial	41.240758	-75.758240	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	PERM	33X5	142	-	-	-	-
			S62-T2-REL-28	Perennial	41.240820	-75.758265	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	TEMP	16X6	106	-	-	-	-

## Aquatic Resource Impact Table

For PA Chapter 105 Water Obstruction and Enchroachment Application  
 Project Name: REAE - Regional Energy Lateral and Existing Compressor Station 515

DEP USE ONLY			Project Information							PADEP / 105						
PADEP Permit Number	Single Crossing No.	Crossing Number	Structure / Activity Unique Identifier	Aquatic Resource Type	Latitude	Longitude	Waters Name	PA Code Chapter 93	Work Proposed	DEP Impact Type	Watercourse Impact		Floodway Impact		Wetland Impact	
											Top of Bank to Top		Top of Bank		Dimensions	
											Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet
			S62-T2-REL-28	Perennial	41.240839	-75.758276	UNT to Mill Creek	HQ-CWF, MF	MATS	TEMP	2X5	9	20X14	475	-	-
			S63-T2-REL-28	Perennial	41.240824	-75.758211	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	PERM	10X5	53	35X31	1987	-	-
			S63-T2-REL-28	Perennial	41.240854	-75.758269	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	TEMP	40X6	263	94X45	4033	-	-
			S63-T2-REL-28	Perennial	41.240863	-75.758297	UNT to Mill Creek	HQ-CWF, MF	MATS	TEMP	20X10	153	20X40	932	-	-
			W132-T2-REL-28	PSS	41.240880	-75.758188	Wetland	EV	EXCAVATION	PERM	-	-	-	-	31X10	258
			W132-T2-REL-28	PSS	41.240878	-75.758234	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	16X90	1449
			W132-T2-REL-28	PSS	41.240884	-75.758283	Wetland	EV	MATS	TEMP	-	-	-	-	20X37	359
			W137-T2-REL-29	PEM	41.242491	-75.758069	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	29X10	286
			W137-T2-REL-29	PEM	41.242481	-75.758047	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	33X44	1246
			W137-T2-REL-29	PEM	41.242492	-75.758150	Wetland	OTHER	MATS	TEMP	-	-	-	-	20X19	115
			W14-T13-REL-29	PEM	41.242134	-75.758054	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	38X10	379
			W14-T13-REL-29	PEM	41.242146	-75.758096	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	45X22	944
			W14-T13-REL-29	PEM	41.242156	-75.758146	Wetland	OTHER	MATS	TEMP	-	-	-	-	20X26	268
			S68-T2-REL-30	Perennial	41.247819	-75.758339	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	PERM	24X8	123	113X28	2353	-	-
			S68-T2-REL-30	Perennial	41.247826	-75.758350	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	TEMP	48X7	256	106X36	3686	-	-
			S68-T2-REL-30	Perennial	41.247873	-75.758428	UNT to Mill Creek	HQ-CWF, MF	MATS	TEMP	20X5	112	20X13	529	-	-
			S8-T13-REL-30	Perennial	41.247704	-75.758319	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	PERM	47X14	465	67X40	2256	-	-
			S8-T13-REL-30	Perennial	41.247732	-75.758361	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	TEMP	43X14	465	79X40	2872	-	-
			S8-T13-REL-30	Perennial	41.247775	-75.758422	UNT to Mill Creek	HQ-CWF, MF	MATS	TEMP	20X15	272	20X28	551	-	-
			W16-T13-REL-30	PEM	41.247756	-75.758308	Wetland	EV	EXCAVATION	PERM	-	-	-	-	32X3	96
			W16-T13-REL-30	PEM	41.247731	-75.758260	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	52X20	802
			W16-T13-REL-30	PFO	41.247766	-75.758326	Wetland	EV	EXCAVATION	PERM	-	-	-	-	53X7	325
			W16-T13-REL-30	PFO	41.247812	-75.758360	Wetland	EV	EXCAVATION	PERM PFO/PSS	-	-	-	-	57X10	555
			W16-T13-REL-30	PFO	41.247857	-75.758432	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	28X35	968
			W16-T13-REL-30	PFO	41.247839	-75.758423	Wetland	EV	MATS	TEMP	-	-	-	-	20X42	578
			S75-T2-REL-31	Intermittent	41.252273	-75.758523	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	PERM	28X4	122	105X40	3857	-	-
			S75-T2-REL-31	Intermittent	41.252281	-75.758639	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	TEMP	26X5	133	139X35	4869	-	-
			S75-T2-REL-31	Intermittent	41.252283	-75.758641	UNT to Mill Creek	HQ-CWF, MF	MATS	TEMP	20X10	119	20X15	483	-	-
			S76-T2-REL-31	Ephemeral	41.252267	-75.758541	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	PERM	-	-	205X32	6364	-	-
			W150-T2-REL-31	PEM	41.252196	-75.758447	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	12X4	44
			S79-T2-REL-32	Intermittent	41.254425	-75.758814	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	TEMP	-	-	79X29	1924	-	-
			S10-T13-REL-33	Ephemeral	41.256029	-75.759149	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	PERM	103X4	408	348X42	14405	-	-
			S10-T13-REL-33	Ephemeral	41.255883	-75.759012	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	TEMP	57X4	234	321X36	11396	-	-
			S10-T13-REL-33	Ephemeral	41.255924	-75.759039	UNT to Mill Creek	HQ-CWF, MF	MATS	TEMP	20X5	188	20X14	833	-	-
			S70-T2-REL-33	Ephemeral	41.255984	-75.759061	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	PERM	64X5	202	82X40	3183	-	-
			S70-T2-REL-33	Ephemeral	41.255947	-75.759059	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	TEMP	47X2	117	283X27	7049	-	-
			S70-T2-REL-33	Ephemeral	41.255556	-75.758832	UNT to Mill Creek	HQ-CWF, MF	MATS	TEMP	2X30	54	20X73	1373	-	-
			S71-T2-REL-33	Ephemeral	41.255410	-75.758748	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	PERM	-	-	125X12	1497	-	-
			S71-T2-REL-33	Ephemeral	41.255562	-75.758826	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	TEMP	-	-	171X35	5792	-	-
			S9-T13-REL-34	Perennial	41.256854	-75.760911	Mill Creek	HQ-CWF, MF	EXCAVATION	PERM	31X30	904	105X30	3100	-	-
			S9-T13-REL-34	Perennial	41.256821	-75.760962	Mill Creek	HQ-CWF, MF	EXCAVATION	TEMP	29X25	715	60X112	6176	-	-
			S9-T13-REL-34	Perennial	41.256813	-75.760968	Mill Creek	HQ-CWF, MF	MATS	TEMP	19X30	516	19X35	551	-	-
			S15-T13-REL-35	Intermittent	41.257680	-75.763002	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	PERM	-	-	50X30	1369	-	-
			S15-T13-REL-35	Intermittent	41.257605	-75.763100	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	TEMP	25X3	76	108X37	3979	-	-
			S15-T13-REL-35	Intermittent	41.257623	-75.763100	UNT to Mill Creek	HQ-CWF, MF	MATS	TEMP	11X3	35	20X20	1100	-	-
			W17-T13-REL-35	PEM	41.257777	-75.763227	Wetland	EV	EXCAVATION	PERM	-	-	-	-	78X20	781
			W17-T13-REL-35	PEM	41.257761	-75.763204	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	98X26	2221
			W17-T13-REL-35	PEM	41.257709	-75.763284	Wetland	EV	MATS	TEMP	-	-	-	-	15X34	448
			W17-T13-REL-35	PSS	41.257861	-75.763305	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	45X14	534
			W51-T3-REL-36	PEM	41.257910	-75.763833	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	50X22	961
			W51-T3-REL-36	PEM	41.257914	-75.763816	Wetland	OTHER	MATS	TEMP	-	-	-	-	20X35	568

Aquatic Resource Impact Table

For PA Chapter 105 Water Obstruction and Enchroachment Application  
 Project Name: REAE - Regional Energy Lateral and Existing Compressor Station 515

DEP USE ONLY			Project Information							PADEP / 105						
PADEP Permit Number	Single Crossing No.	Crossing Number	Structure / Activity Unique Identifier	Aquatic Resource Type	Latitude	Longitude	Waters Name	PA Code Chapter 93	Work Proposed	DEP Impact Type	Watercourse Impact		Floodway Impact		Wetland Impact	
											Top of Bank to Top	Square Feet	Top of Bank	Square Feet	Length and Width	Square Feet
											Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet
			W53-T3-REL-37	PEM	41.260868	-75.771190	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	35X13	378
			W53-T3-REL-37	PEM	41.260866	-75.771188	Wetland	OTHER	MATS	TEMP	-	-	-	-	20X22	327
			S85-T2-REL-38	Ephemeral	41.267260	-75.779924	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	TEMP	22X5	86	156X38	5493	-	-
			S85-T2-REL-38	Ephemeral	41.267260	-75.779926	UNT to Mill Creek	HQ-CWF, MF	MATS	TEMP	20X6	86	20X38	597	-	-
			S30-T2-REL-39	Perennial	41.268944	-75.783197	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	PERM	16X14	196	89X38	2505	-	-
			S30-T2-REL-39	Perennial	41.268940	-75.783265	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	TEMP	34X24	366	150X23	3358	-	-
			S30-T2-REL-39	Perennial	41.268948	-75.783309	UNT to Mill Creek	HQ-CWF, MF	MATS	TEMP	20X8	144	20X81	1428	-	-
			W163-T2-REL-39	PEM	41.269144	-75.783264	Wetland	EV	EXCAVATION	PERM	-	-	-	-	82X18	1465
			W36b-T1-REL-39	PEM	41.268752	-75.782539	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	42X6	185
			W36b-T1-REL-39	PFO	41.268775	-75.782982	Wetland	EV	EXCAVATION	PERM	-	-	-	-	6X10	62
			W36b-T1-REL-39	PFO	41.268797	-75.782965	Wetland	EV	EXCAVATION	PERM PFO/PSS	-	-	-	-	15X10	151
			W36b-T1-REL-39	PFO	41.268801	-75.782787	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	124X24	2957
			W36b-T1-REL-39	PFO	41.268797	-75.782794	Wetland	EV	MATS	TEMP	-	-	-	-	20X120	1930
			W36-T1-REL-39	PEM	41.268848	-75.783129	Wetland	EV	EXCAVATION	PERM	-	-	-	-	96X29	2733
			W36-T1-REL-39	PEM	41.268853	-75.783218	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	75X14	957
			W36-T1-REL-39	PEM/PSS/PFO	41.268825	-75.783182	Wetland	EV	MATS	TEMP	-	-	-	-	20X109	1454
			W36-T1-REL-39	PFO	41.268870	-75.783343	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	49X23	957
			W36-T1-REL-39	PSS	41.268965	-75.783362	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	10X22	223
			W66-T2-REL-40	PEM	41.269925	-75.783579	Wetland	EV	EXCAVATION	PERM	-	-	-	-	54X26	1326
			W66-T2-REL-40	PFO	41.269909	-75.783661	Wetland	EV	EXCAVATION	PERM PFO/PSS	-	-	-	-	49X7	211
			W66-T2-REL-40	PFO	41.269846	-75.783714	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	80X35	2667
			W66-T2-REL-40	PFO	41.269848	-75.783701	Wetland	EV	MATS	TEMP	-	-	-	-	20X78	1527
			W65-T2-REL-41	PEM	41.275473	-75.785975	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	38X24	912
			S19-T1-REL-42	Intermittent	41.281339	-75.791607	UNT to Gardner Creek	CWF	EXCAVATION	PERM	45X7	290	103X45	4582	-	-
			S19-T1-REL-42	Intermittent	41.281271	-75.791734	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	45X8	271	103X45	4647	-	-
			S31-T2-REL-43	Intermittent	41.282700	-75.792776	UNT to Gardner Creek	CWF	EXCAVATION	PERM	16X5	94	51X39	1717	-	-
			S31-T2-REL-43	Intermittent	41.282678	-75.792846	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	23X7	138	50X36	1802	-	-
			S31-T2-REL-43	Intermittent	41.282674	-75.792849	UNT to Gardner Creek	CWF	MATS	TEMP	20X9	121	18X27	567.94	-	-
			S32-T2-REL-43	Intermittent	41.282534	-75.792703	UNT to Gardner Creek	CWF	EXCAVATION	PERM	32X4	122	121X21	2588	-	-
			S32-T2-REL-43	Intermittent	41.282553	-75.792792	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	26X7	136	111X34	3268	-	-
			S32-T2-REL-43	Intermittent	41.282554	-75.792799	UNT to Gardner Creek	CWF	MATS	TEMP	20X8	119	20X22	757	-	-
			W37-T1-REL-43	PEM	41.282569	-75.792641	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	273X16	3727
			W71-T2-REL-43	PSS	41.282646	-75.792875	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	7X22	152
			W71-T2-REL-43	PSS	41.282656	-75.792865	Wetland	Other	MATS	TEMP	-	-	-	-	10X9	74
			S33-T2-REL-44	Ephemeral	41.283221	-75.792967	UNT to Gardner Creek	CWF	EXCAVATION	PERM	-	-	90X34	3079	-	-
			S33-T2-REL-44	Ephemeral	41.283199	-75.793076	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	7X8	49	108X29	3125	-	-
			S33-T2-REL-44	Ephemeral	41.283200	-75.793076	UNT to Gardner Creek	CWF	MATS	TEMP	8X7	49	20X38	717	-	-
			S8-T3-REL-45	Perennial	41.284935	-75.793587	Gardner Creek	CWF	EXCAVATION	PERM	45X25	1061	123X55	5597	-	-
			S8-T3-REL-45	Perennial	41.284882	-75.793709	Gardner Creek	CWF	EXCAVATION	TEMP	29X21	611	105X72	3692	-	-
			S8-T3-REL-45	Perennial	41.284883	-75.793706	Gardner Creek	CWF	MATS	TEMP	20X22	433	20X28	494	-	-
			W74-T2-REL-45	PEM	41.284421	-75.793372	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	39X29	961
			W75-T2-REL-45	PEM	41.284595	-75.793444	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	22X28	599
			S17-T1-REL-46	Ephemeral	41.286503	-75.796811	UNT to Gardner Creek	CWF	EXCAVATION	PERM	31X7	180	57X97	4188	-	-
			S17-T1-REL-46	Ephemeral	41.286425	-75.796846	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	26X6	139	50X103	5095	-	-
			S17-T1-REL-46	Ephemeral	41.286421	-75.796848	UNT to Gardner Creek	CWF	MATS	TEMP	20X7	121	20X39	590	-	-
			W1-T10-REL-46	PSS	41.286210	-75.796714	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	2X1	2
			S81-T2-REL-47	Perennial	41.287172	-75.797750	UNT to Gardner Creek	CWF	EXCAVATION	PERM	38X7	251	124X32	3147	-	-
			S81-T2-REL-47	Perennial	41.287148	-75.797843	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	50X6	300	116X73	5730	-	-
			S81-T2-REL-47	Perennial	41.287147	-75.797864	UNT to Gardner Creek	CWF	MATS	TEMP	20X9	141	20X17	891	-	-
			W160-T2-REL-47	PFO	41.287507	-75.798320	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	17X6	94
			W2-T10-REL-47	PFO	41.287129	-75.797677	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	16X10	151

## Aquatic Resource Impact Table

For PA Chapter 105 Water Obstruction and Encroachment Application

Project Name: REAE - Regional Energy Lateral and Existing Compressor Station 515

DEP USE ONLY			Project Information							PADEP / 105						
PADEP Permit Number	Single Crossing No.	Crossing Number	Structure / Activity Unique Identifier	Aquatic Resource Type	Latitude	Longitude	Waters Name	PA Code Chapter 93	Work Proposed	DEP Impact Type	Watercourse Impact		Floodway Impact		Wetland Impact	
											Top of Bank to Top	Length and Width (in feet)	Square Feet	Top of Bank	Length and Width (in feet)	Square Feet
			W2-T10-REL-47	PFO	41.287126	-75.797687	Wetland	OTHER	EXCAVATION	PERM PFO/PSS	-	-	-	-	23X13	284
			W2-T10-REL-47	PFO	41.287101	-75.797758	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	16X50	801
			W2-T10-REL-47	PFO	41.287094	-75.797779	Wetland	Other	MATS	TEMP	-	-	-	-	20X18	361
			S4a-T5-REL-48	Ephemeral	41.287850	-75.799937	UNT to Gardner Creek	CFW	EXCAVATION	PERM	62X9	385	125X70	8337	-	-
			S4a-T5-REL-48	Ephemeral	41.287720	-75.799919	UNT to Gardner Creek	CFW	EXCAVATION	TEMP	-	-	77X25	1705	-	-
			S4-T5-REL-48	Ephemeral	41.287729	-75.799355	UNT to Gardner Creek	CFW	EXCAVATION	PERM	53X6	279	163X67	9034	-	-
			S4-T5-REL-48	Ephemeral	41.287586	-75.799262	UNT to Gardner Creek	CFW	EXCAVATION	TEMP	70X13	696	177X55	8129	-	-
			S4-T5-REL-48	Ephemeral	41.287601	-75.799273	UNT to Gardner Creek	CFW	MATS	TEMP	20X26	382	20X47	746	-	-
			S5-T5-REL-49	Ephemeral	41.288988	-75.801733	UNT to Gardner Creek	CFW	EXCAVATION	PERM	27X3	68	151X20	2277	-	-
			S5-T5-REL-49	Ephemeral	41.288786	-75.801617	UNT to Gardner Creek	CFW	EXCAVATION	TEMP	105X4	392	152X66	8459	-	-
			S5-T5-REL-49	Ephemeral	41.289021	-75.801898	UNT to Gardner Creek	CFW	MATS	TEMP	20X7	142	-	-	-	-
			S6-T5-REL-49	Ephemeral	41.289241	-75.802109	UNT to Gardner Creek	CFW	EXCAVATION	PERM	214X9	1163	290X43	12513	-	-
			S6-T5-REL-49	Ephemeral	41.289137	-75.802285	UNT to Gardner Creek	CFW	EXCAVATION	TEMP	26X12	263	290X38	12528	-	-
			S6-T5-REL-49	Ephemeral	41.289262	-75.802470	UNT to Gardner Creek	CFW	MATS	TEMP	20X13	237	20X18	536	-	-
			S6-T5-REL-49	Ephemeral	41.289027	-75.801913	UNT to Gardner Creek	CFW	MATS	TEMP	-	-	20X45	1067	-	-
			W76-T2-REL-49	PEM	41.289338	-75.802412	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	7X5	29
			W76-T2-REL-49	PEM	41.289373	-75.802411	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	7X29	186
			S34-T2-REL-50	Ephemeral	41.290104	-75.803854	UNT to Gardner Creek	CFW	EXCAVATION	PERM	30X5	141	101X100	4071	-	-
			S34-T2-REL-50	Ephemeral	41.290142	-75.803793	UNT to Gardner Creek	CFW	EXCAVATION	TEMP	46X6	235	107X106	5962	-	-
			S34-T2-REL-50	Ephemeral	41.290158	-75.803772	UNT to Gardner Creek	CFW	MATS	TEMP	20X4	85	20X27	474	-	-
			W46-T2-REL-51	PSS	41.293708	-75.808261	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	8X8	59
			W23-T1-REL-52	PEM	41.294857	-75.809947	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	27X10	256
			W23-T1-REL-52	PEM	41.294828	-75.809992	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	24X65	1516
			W23-T1-REL-52	PEM	41.294805	-75.810022	Wetland	Other	MATS	TEMP	-	-	-	-	20X23	444
			S6-T1-REL-53	Intermittent	41.295206	-75.810202	UNT to Gardner Creek	CFW	EXCAVATION	PERM	-	-	101X40	3278	-	-
			S6-T1-REL-53	Intermittent	41.295160	-75.810354	UNT to Gardner Creek	CFW	EXCAVATION	TEMP	45X6	216	108X93	6872	-	-
			S6-T1-REL-53	Intermittent	41.295140	-75.810383	UNT to Gardner Creek	CFW	MATS	TEMP	20X5	82	20X34	683	-	-
			S9-T3-REL-54	Intermittent	41.301761	-75.812134	JNT to Susquehanna Rive	WWF	EXCAVATION	PERM	44X6	203	147X80	4705	-	-
			S9-T3-REL-54	Intermittent	41.301726	-75.812286	JNT to Susquehanna Rive	WWF	EXCAVATION	TEMP	40X6	168	306X155	8390	-	-
			S9-T3-REL-54	Intermittent	41.301724	-75.812294	JNT to Susquehanna Rive	WWF	MATS	TEMP	20X8	147	20X59	828	-	-
			W20-T3-REL-55	PEM	41.303465	-75.817619	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	46X10	450
			W20-T3-REL-55	PEM	41.303493	-75.817501	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	148X28	3420
			W20-T3-REL-55	PEM/PFO	41.303572	-75.817489	Wetland	OTHER	MATS	TEMP	-	-	-	-	20X78	1148
			W20-T3-REL-55	PFO	41.303625	-75.817378	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	42X29	778
			S4-T3-REL-56	Ephemeral	41.303941	-75.823493	JNT to Susquehanna Rive	WWF	EXCAVATION	PERM	-	-	116X32	3057	-	-
			S4-T3-REL-56	Ephemeral	41.303910	-75.823527	JNT to Susquehanna Rive	WWF	EXCAVATION	TEMP	-	-	77X10	776	-	-
			S1-T5-REL-57	Perennial	41.306640	-75.826200	Susquehanna River	WWF	EXCAVATION	PERM	30X783	23509	689X30	19546	-	-
			S1-T5-REL-57	Perennial	41.306682	-75.826119	Susquehanna River	WWF	EXCAVATION	TEMP	55X784	43106	1065X400	127999	-	-
			S1-T5-REL-57	Perennial	41.308514	-75.827975	Susquehanna River	WWF	MATS	TEMP	-	-	52X79	2953	-	-
			W12-T1-REL-57	PFO	41.308637	-75.828069	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	96X104	8252
			W12-T1-REL-57	PFO	41.308630	-75.828056	Wetland	OTHER	MATS	TEMP	-	-	-	-	100X127	7975
			W61-T1-REL-58	PFO	41.307523	-75.831589	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	6X11	66
			W61-T1-REL-58	PFO	41.307542	-75.831609	Wetland	OTHER	EXCAVATION	PERM PFO/PSS	-	-	-	-	6X12	68
			W61-T1-REL-58	PFO	41.307566	-75.831634	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	6X10	59
			W62-T1-REL-59	PFO	41.307118	-75.832293	Wetland	OTHER	EXCAVATION	PERM PFO/PSS	-	-	-	-	4X9	37
			W62-T1-REL-59	PFO	41.307141	-75.832314	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	8X10	71
			W5-T5-REL-60	PEM	41.304226	-75.839031	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	35X10	351
			W5-T5-REL-60	PEM	41.304261	-75.838997	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	46X28	1081
			S1-T5-REL-61	Perennial	41.304085	-75.844280	Susquehanna River	WWF	EXCAVATION	PERM	-	-	1085X42	44261	-	-
			S1-T5-REL-61	Perennial	41.303969	-75.844546	Susquehanna River	OTHER	EXCAVATION	TEMP	-	-	2116X253	119291	-	-
			S1-T5-REL-61	Perennial	41.303830	-75.846408	Susquehanna River	WWF	MATS	TEMP	-	-	20X14	474	-	-



## Aquatic Resource Impact Table

For PA Chapter 105 Water Obstruction and Enchroachment Application

Project Name: REAE - Regional Energy Lateral and Existing Compressor Station 515

DEP USE ONLY			Project Information							PADEP / 105						
PADEP Permit Number	Single Crossing No.	Crossing Number	Structure / Activity Unique Identifier	Aquatic Resource Type	Latitude	Longitude	Waters Name	PA Code Chapter 93	Work Proposed	DEP Impact Type	Watercourse Impact		Floodway Impact		Wetland Impact	
											Top of Bank to Top	Square Feet	Top of Bank	Square Feet	Length and Width	Square Feet
											Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet
			W11-T3-REL-61	PFO	41.303871	-75.846321	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	35X10	350
			W11-T3-REL-61	PFO	41.303871	-75.846320	Wetland	OTHER	EXCAVATION	PERM PFO/PSS	-	-	-	-	34X20	696
			W11-T3-REL-61	PFO	41.303869	-75.846305	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	62X32	1579
			W11-T3-REL-61	PFO	41.303831	-75.846416	Wetland	OTHER	MATS	TEMP	-	-	-	-	20X40	681
			S14-T2-REL-62	Perennial	41.306160	-75.849551	Abrahams Creek	CFW	EXCAVATION	TEMP	-	-	14X4	42		
			W25-T2-REL-62	PEM	41.305864	-75.849269	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	8X11	88
			W25-T2-REL-62	PEM	41.305901	-75.849209	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	109X8	764
			W25-T2-REL-62	PEM	41.305920	-75.849170	Wetland	OTHER	MATS	TEMP	-	-	-	-	20X14	203
			S14-T2-REL-63	Perennial	41.307686	-75.848450	Abrahams Creek	CFW	EXCAVATION	PERM	46X59	1801	110X48	5331	-	-
			S14-T2-REL-63	Perennial	41.307662	-75.848299	Abrahams Creek	CFW	EXCAVATION	TEMP	25X52	801	46X59	1330	-	-
			S14-T2-REL-63	Perennial	41.307665	-75.848316	Abrahams Creek	CFW	MATS	TEMP	20X54	1075	20X35	1095	-	-
			W26-T2-REL-64	PEM	41.308773	-75.849940	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	101X30	2858
			W26-T2-REL-64	PEM	41.308775	-75.849836	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	48X9	370
			W26-T2-REL-64	PEM	41.308760	-75.849764	Wetland	OTHER	MATS	TEMP	-	-	-	-	5X5	18
			W27-T2-REL-64	PEM	41.308499	-75.849582	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	62X30	1201
			W27-T2-REL-64	PEM	41.308542	-75.849546	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	18X2	37
			W30-T2-REL-65	PSS	41.309460	-75.850846	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	36X11	328
			W30-T2-REL-65	PSS	41.309469	-75.850970	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	72X34	2081
			W30-T2-REL-65	PSS	41.309467	-75.850975	Wetland	OTHER	MATS	TEMP	-	-	-	-	20X58	998
			W31-T2-REL-66	PEM	41.310035	-75.851545	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	58X8	416
			W31-T2-REL-66	PEM	41.310034	-75.851535	Wetland	OTHER	MATS	TEMP	-	-	-	-	20X13	243
			W32-T2-REL-66	PEM	41.310128	-75.851490	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	26X20	275
			W32-T2-REL-66	PEM	41.310116	-75.851522	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	17X12	187
			W32-T2-REL-66	PEM	41.310101	-75.851557	Wetland	OTHER	MATS	TEMP	-	-	-	-	2X1	1
			W14-T3-REL-67	PEM	41.310611	-75.851791	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	17X27	434
			W14-T3-REL-67	PEM	41.310605	-75.851805	Wetland	OTHER	MATS	TEMP	-	-	-	-	16X23	272
			W33-T2-REL-67	PEM	41.310710	-75.851983	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	6X0.5	2
			W33-T2-REL-67	PEM	41.310754	-75.851967	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	30X24	433
			W33-T2-REL-67	PEM	41.310756	-75.851964	Wetland	OTHER	MATS	TEMP	-	-	-	-	20X31	360
			S15a-T2-REL-68	Intermittent	41.312717	-75.854062	UNT to Abrahams Creek	CFW	EXCAVATION	PERM	73X10	381	-	-	-	-
			S15a-T2-REL-68	Intermittent	41.312581	-75.853964	UNT to Abrahams Creek	CFW	EXCAVATION	TEMP	114X6	493	-	-	-	-
			S15-T2-REL-68	Intermittent	41.312805	-75.854127	UNT to Abrahams Creek	CFW	EXCAVATION	PERM	68X23	981	248X22	4797	-	-
			S15-T2-REL-68	Intermittent	41.312849	-75.854329	UNT to Abrahams Creek	CFW	EXCAVATION	TEMP	57X22	774	338X76	11783	-	-
			S15-T2-REL-68	Intermittent	41.312842	-75.854305	UNT to Abrahams Creek	CFW	MATS	TEMP	20X24	452	20X95	1465	-	-
			W15-T3-REL-68	PEM	41.311959	-75.853256	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	681X27	17554
			W15-T3-REL-68	PEM	41.312147	-75.853537	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	214X8	1425
			W15-T3-REL-68	PFO	41.311856	-75.853204	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	226X14	2309
			W15-T3-REL-68	PFO	41.311942	-75.853336	Wetland	OTHER	EXCAVATION	PERM PFO/PSS	-	-	-	-	348X11	3827
			W15-T3-REL-68	PFO	41.312204	-75.853673	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	483X25	11747
			W15-T3-REL-68	PFO/PSS/PEM	41.312063	-75.853521	Wetland	OTHER	MATS	TEMP	-	-	-	-	20X564	10383
			W15-T3-REL-68	PSS	41.311585	-75.853075	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	65X18	971
			S15c-T2-REL-69	Perennial	41.315667	-75.857787	UNT to Abrahams Creek	CFW	EXCAVATION	PERM	35X9	317	109X40	4095	-	-
			S15c-T2-REL-69	Perennial	41.315754	-75.857723	UNT to Abrahams Creek	CFW	EXCAVATION	TEMP	35X10	352	35X10	3624	-	-
			S15c-T2-REL-69	Perennial	41.315740	-75.857732	UNT to Abrahams Creek	CFW	MATS	TEMP	20X10	183	20X11	432	-	-
			S15b-T2-REL-70	Perennial	41.317209	-75.862517	UNT to Abrahams Creek	CFW	EXCAVATION	PERM	-	-	205X29	3324	-	-
			W49-T2-REL-71	PEM	41.317846	-75.864585	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	136X29	3648
			W49-T2-REL-71	PEM	41.317781	-75.864571	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	27X7	154
			W48-T2-REL-72	PEM	41.318374	-75.866155	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	58X18	1048
			W60-T2-REL-73	PEM	41.321920	-75.872709	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	22X10	179
			W60-T2-REL-73	PEM	41.321993	-75.872664	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	73X45	2614
			W60-T2-REL-73	PEM	41.321993	-75.872661	Wetland	OTHER	MATS	TEMP	-	-	-	-	20X72	1161

Applicant: Transcontinental Gas Pipe Line Company, LLC  
 Aquatic Resource Impact Table  
 For PA Chapter 105 Water Obstruction and Enchroachment Application  
 Project Name: REAE - Regional Energy Lateral and Existing Compressor Station 515

DEP USE ONLY			Project Information							PADEP / 105							
PADEP Permit Number	Single Crossing No.	Crossing Number	Structure / Activity Unique Identifier	Aquatic Resource Type	Latitude	Longitude	Waters Name	PA Code Chapter 93	Work Proposed	DEP Impact Type	Watercourse Impact		Floodway Impact		Wetland Impact Dimensions		
											Top of Bank to Top		Top of Bank		Length and Width (in feet)	Square Feet	Length and Width (in feet)
										Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	Length and Width (in feet)			
			S29-T2-REL-74	Intermittent	41.322679	-75.874164	UNT to Abrahams Creek	CFW	EXCAVATION	PERM	44X6	184	362X63	3957	-	-	
			S29-T2-REL-74	Intermittent	41.322707	-75.874048	UNT to Abrahams Creek	CFW	EXCAVATION	TEMP	27X5	129	262X91	5685	-	-	
			S29-T2-REL-74	Intermittent	41.322709	-75.874043	UNT to Abrahams Creek	CFW	MATS	TEMP	20X6	114	20X36	588	-	-	
			S26-T2-REL-75	Perennial	41.322552	-75.878124	UNT to Abrahams Creek	CFW	EXCAVATION	PERM	30X6	165	112X40	3890	-	-	
			S26-T2-REL-75	Perennial	41.322491	-75.878170	UNT to Abrahams Creek	CFW	EXCAVATION	TEMP	23X5	121	12X20	3592	-	-	
			S26-T2-REL-75	Perennial	41.322487	-75.878173	UNT to Abrahams Creek	CFW	MATS	TEMP	20X5	104	20X12	438	-	-	
			W54-T2-REL-75	PEM	41.322571	-75.878106	Wetland	EV	EXCAVATION	PERM	-	-	-	-	8X35	308	
			S24-T2-REL-76	Ephemeral	41.322887	-75.879081	UNT to Abrahams Creek	CFW	EXCAVATION	PERM	103X5	381	186X32	5361	-	-	
			S24-T2-REL-76	Ephemeral	41.322889	-75.879290	UNT to Abrahams Creek	CFW	EXCAVATION	TEMP	40X4	137	168X45	7414	-	-	
			S24-T2-REL-76	Ephemeral	41.322871	-75.879330	UNT to Abrahams Creek	CFW	MATS	TEMP	20X6	48	20X22	619	-	-	
			W51-T2-REL-76	PEM	41.322869	-75.879005	Wetland	EV	EXCAVATION	PERM	-	-	-	-	87X20	1768	
			W51-T2-REL-76	PEM	41.322836	-75.879032	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	23X1	23	
			S50-T2-REL-77	Intermittent	41.325957	-75.899608	UNT to Toby Creek	CFW	EXCAVATION	PERM	42X9	382	82X32	2326	-	-	
			S50-T2-REL-77	Intermittent	41.325768	-75.899540	UNT to Toby Creek	CFW	EXCAVATION	TEMP	30X9	249	64X49	3015	-	-	
			S50-T2-REL-77	Intermittent	41.325763	-75.899542	UNT to Toby Creek	CFW	MATS	TEMP	20X12	214	20X19	406	-	-	
			S51-T2-REL-77	Intermittent	41.325643	-75.899249	UNT to Toby Creek	CFW	EXCAVATION	TEMP	25X8	209	115X10	1482	-	-	
			S51-T2-REL-77	Intermittent	41.325606	-75.899248	UNT to Toby Creek	CFW	EXCAVATION	PERM	35X8	274	90X31	1740	-	-	
			S51-T2-REL-77	Intermittent	41.325607	-75.899381	UNT to Toby Creek	CFW	MATS	TEMP	20X13	164	20X26	260	-	-	
			W6-T13-REL-77	PEM	41.325184	-75.899039	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	69X10	702	
			W6-T13-REL-77	PFO	41.325698	-75.899350	Wetland	EV	EXCAVATION	PERM	-	-	-	-	118X10	1038	
			W6-T13-REL-77	PFO	41.325694	-75.899353	Wetland	EV	EXCAVATION	PERM PFO/PSS	-	-	-	-	123X17	1993	
			W6-T13-REL-77	PFO	41.325565	-75.899349	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	212X31	6057	
			W6-T13-REL-77	PFO/PEM	41.325496	-75.899286	Wetland	EV	MATS	TEMP	-	-	-	-	20X199	3126	
			W117-T2-REL-78	PEM	41.334528	-75.911973	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	27X12	249	
			W59-T1-REL-79	PEM	41.342564	-75.915426	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	13X10	129	
			W59-T1-REL-79	PEM	41.342562	-75.915432	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	12X48	510	
			W59-T1-REL-79	PEM/PSS	41.342611	-75.915368	Wetland	OTHER	MATS	TEMP	-	-	-	-	10X18	118	
			W59-T1-REL-79	PSS	41.342590	-75.915437	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	7X10	68	
			W59-T1-REL-79	PSS	41.342581	-75.915452	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	9X43	359	
			S47-T2-REL-80	Intermittent	41.344250	-75.916775	UNT to Abrahams Creek	CFW	EXCAVATION	PERM	30X5	126	45X30	1307	-	-	
			S47-T2-REL-80	Intermittent	41.344291	-75.916686	UNT to Abrahams Creek	CFW	EXCAVATION	TEMP	23X4	107	94X40	1851	-	-	
			S47-T2-REL-80	Intermittent	41.344294	-75.916682	UNT to Abrahams Creek	CFW	MATS	TEMP	20X6	95	20X15	261	-	-	
			W60-T1-REL-80	PEM	41.344371	-75.916833	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	48X20	422	
			W60-T1-REL-80	PEM	41.344387	-75.916799	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	67X60	3373	
			W60-T1-REL-80	PFO	41.344246	-75.916767	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	12X10	126	
			W60-T1-REL-80	PFO	41.344246	-75.916767	Wetland	OTHER	EXCAVATION	PERM PFO/PSS	-	-	-	-	12X20	244	
			W60-T1-REL-80	PFO	41.344273	-75.916713	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	10X40	402	
			W60-T1-REL-80	PFO/PEM/PSS	41.344416	-75.916740	Wetland	OTHER	MATS	TEMP	-	-	-	-	20X105	2034	
			W60-T1-REL-80	PSS	41.344381	-75.916836	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	41X10	407	
			W60-T1-REL-80	PSS	41.344427	-75.916801	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	60X41	2065	
			S48-T2-REL-81	Ephemeral	41.345177	-75.918013	UNT to Abrahams Creek	CFW	EXCAVATION	TEMP	-	-	89X26	1711	-	-	
			S11-T3-REL-82	Ephemeral	41.345675	-75.919677	UNT to Trout Brook	CFW	EXCAVATION	PERM	33X5	161	96X37	3247	-	-	
			S11-T3-REL-82	Ephemeral	41.345749	-75.919643	UNT to Trout Brook	CFW	EXCAVATION	TEMP	23X9	146	126X73	4725	-	-	
			S11-T3-REL-82	Ephemeral	41.345752	-75.919641	UNT to Trout Brook	CFW	MATS	TEMP	20X8	126	20X14	465	-	-	
			S72-T2-REL-82	Ephemeral	41.345795	-75.919841	UNT to Trout Brook	CFW	EXCAVATION	PERM	31X4	124	81X36	2919	-	-	
			S72-T2-REL-82	Ephemeral	41.345873	-75.919808	UNT to Trout Brook	CFW	EXCAVATION	TEMP	26X5	122	58X51	2835	-	-	
			S72-T2-REL-82	Ephemeral	41.345877	-75.919807	UNT to Trout Brook	CFW	MATS	TEMP	20X5	107	20X15	580	-	-	
			S49-T2-REL-83	Perennial	41.345880	-75.924854	UNT to Trout Brook	CFW	EXCAVATION	PERM	11X10	107	49X11	496	-	-	
			S49-T2-REL-83	Perennial	41.345892	-75.924848	UNT to Trout Brook	CFW	EXCAVATION	TEMP	38X10	311	94X42	3532	-	-	
			S49-T2-REL-83	Perennial	41.345918	-75.924887	UNT to Trout Brook	CFW	MATS	TEMP	20X6	169	20X3	337	-	-	
			W15-T4-REL-83	PSS	41.345912	-75.924658	Wetland	EV	EXCAVATION	PERM	-	-	-	-	110X10	1083	

## Aquatic Resource Impact Table

For PA Chapter 105 Water Obstruction and Enchroachment Application  
Project Name: REAE - Regional Energy Lateral and Existing Compressor Station 515

DEP USE ONLY			Project Information							PADEP / 105						
PADEP Permit Number	Single Crossing No.	Crossing Number	Structure / Activity Unique Identifier	Aquatic Resource Type	Latitude	Longitude	Waters Name	PA Code Chapter 93	Work Proposed	DEP Impact Type	Watercourse Impact		Floodway Impact		Wetland Impact	
											Top of Bank to Top		Top of Bank		Dimensions	
										Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	
			W15-T4-REL-83	PSS	41.345928	-75.924692	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	119X31	3301
			W15-T4-REL-83	PSS/PFO	41.345946	-75.924711	Wetland	EV	MATS	TEMP	-	-	-	-	20X186	2359
			W83-T2-REL-83	PEM	41.345968	-75.925172	Wetland	EV	EXCAVATION	PERM	-	-	-	-	4X3	11
			W83-T2-REL-83	PFO	41.345927	-75.925174	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	12X37	422
			W83-T2-REL-83	PFO/PEM	41.345912	-75.925155	Wetland	EV	MATS	TEMP	-	-	-	-	20X19	298
			W83-T2-REL-83	PSS	41.345842	-75.925111	Wetland	EV	EXCAVATION	PERM	-	-	-	-	24X10	240
			W83-T2-REL-83	PSS	41.345845	-75.925107	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	32X26	617
			W83-T2-REL-83	PFO	41.345927	-75.925174	Wetland	EV	EXCAVATION	PERM PFO/PSS	-	-	-	-	4X5	18
			S3-T11-REL-84	Ephemeral	41.343828	-75.939583	UNT to Trout Brook	CWF	EXCAVATION	PERM	214X5	1137	398X40	14878	-	-
			S3-T11-REL-84	Ephemeral	41.344080	-75.939846	UNT to Trout Brook	CWF	EXCAVATION	TEMP	56X5	263	284X165	13068	-	-
			S3-T11-REL-84	Ephemeral	41.344081	-75.939854	UNT to Trout Brook	CWF	MATS	TEMP	4X37	223	20X18	255	-	-
			S3-T11-REL-84	Ephemeral	41.344087	-75.939844	UNT to Trout Brook	CWF	MATS	TEMP	-	-	12X29	1153	-	-
			S4-T11-REL-84	Ephemeral	41.344111	-75.940056	UNT to Trout Brook	CWF	EXCAVATION	PERM	33X10	303	55X53	2465	-	-
			S4-T11-REL-84	Ephemeral	41.344150	-75.939963	UNT to Trout Brook	CWF	EXCAVATION	TEMP	25X9	224	51X34	1673	-	-
			S4-T11-REL-84	Ephemeral	41.344152	-75.939957	UNT to Trout Brook	CWF	MATS	TEMP	20X10	195	20X15	294	-	-
			S52a-T12-REL-84	Ephemeral	41.343586	-75.939060	UNT to Trout Brook	CWF	EXCAVATION	PERM	80X11	618	44X7	260	-	-
			S52a-T12-REL-84	Ephemeral	41.343734	-75.939103	UNT to Trout Brook	CWF	EXCAVATION	TEMP	118X5	684	112X25	2623	-	-
			S52a-T12-REL-84	Ephemeral	41.343698	-75.939065	UNT to Trout Brook	CWF	MATS	TEMP	20X76	914	10X6	2200	-	-
			S52-T2-REL-84	Perennial	41.343424	-75.938857	Trout Brook	CWF	EXCAVATION	PERM	43X12	515	28X19	509	-	-
			S52-T2-REL-84	Perennial	41.343514	-75.938879	Trout Brook	CWF	EXCAVATION	TEMP	22X12	342	-	-	-	-
			S52-T2-REL-84	Perennial	41.343513	-75.938879	Trout Brook	CWF	MATS	TEMP	20X18	343	-	-	-	-
			W131-T3-REL-84	PEM	41.343210	-75.938464	Wetland	EV	EXCAVATION	PERM	-	-	-	-	6X36	207
			W131-T3-REL-84	PEM	41.343288	-75.938421	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	6X45	218
			W131-T3-REL-84	PEM	41.343307	-75.938416	Wetland	EV	MATS	TEMP	-	-	-	-	20X3	73
			W44-T3-REL-84	PSS	41.343349	-75.938720	Wetland	EV	EXCAVATION	PERM	-	-	-	-	82X31	2255
			W44-T3-REL-84	PSS	41.343425	-75.938708	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	105X20	1976
			W44-T3-REL-84	PSS	41.343430	-75.938707	Wetland	EV	MATS	TEMP	-	-	-	-	20X102	1937
			W82-T2-REL-84	PEM	41.343190	-75.938208	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	14X8	102
			W2-T12-REL-85	PEM	41.345819	-75.941614	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	128X22	2048
			W2-T12-REL-85	PEM	41.345820	-75.941622	Wetland	OTHER	MATS	TEMP	-	-	-	-	20X81	1285
			W5-T11-REL-86	PEM	41.345908	-75.944234	Wetland	EV	EXCAVATION	PERM	-	-	-	-	96X53	4269
			W5-T11-REL-86	PEM	41.345898	-75.944265	Wetland	EV	MATS	TEMP	-	-	-	-	86X110	4176
			W81-T2-REL-86	PEM	41.346100	-75.944689	Wetland	EV	EXCAVATION	PERM	-	-	-	-	37X17	561
			W81-T2-REL-86	PFO	41.346109	-75.943979	Wetland	EV	EXCAVATION	PERM	-	-	-	-	312X10	3505
			W81-T2-REL-86	PFO	41.346120	-75.944027	Wetland	EV	EXCAVATION	PERM PFO/PSS	-	-	-	-	350X16	5190
			W81-T2-REL-86	PFO	41.346176	-75.944053	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	194X53	9976
			W81-T2-REL-86	PSS	41.346252	-75.944661	Wetland	EV	EXCAVATION	PERM	-	-	-	-	62X7	409
			W81-T2-REL-86	PSS	41.346222	-75.944402	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	96X57	3429
			W81-T2-REL-86	PSS/PEM/PFO	41.346229	-75.944357	Wetland	EV	MATS	TEMP	-	-	-	-	20X31	11222
			S1-T3-REL-AR-1	Ephemeral	41.172783	-75.673481	UNT to Shades Creek	HQ-CWF, MF	EXCAVATION	TEMP	4X26	86	172X27	4754	-	-
			S1-T3-REL-AR-1	Ephemeral	41.172783	-75.673480	UNT to Shades Creek	HQ-CWF, MF	MATS	TEMP	4X26	86	69X142	4318	-	-
			W5-T3-REL-AR-1	PEM	41.173506	-75.674129	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	19X68	1176
			W5-T3-REL-AR-1	PEM	41.173502	-75.674120	Wetland	OTHER	MATS	TEMP	-	-	-	-	34X65	1086
			W6-T3-REL-AR-1	PEM	41.173962	-75.673495	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	18X200	3621
			W6-T3-REL-AR-1	PEM	41.173963	-75.673502	Wetland	OTHER	MATS	TEMP	-	-	-	-	19X203	3538
			S12-T5-REL-AR-2	Ephemeral	41.183591	-75.686294	UNT to Shades Creek	HQ-CWF, MF	EXCAVATION	TEMP	26X0.5	14	83X30	2383	-	-
			S13-T5-REL-AR-2	Ephemeral	41.183468	-75.686473	UNT to Shades Creek	HQ-CWF, MF	EXCAVATION	TEMP	39X0.8	28	105X34	3075	-	-
			S44-T2-REL-AR-3	Perennial	41.187254	-75.686209	UNT to Shades Creek	HQ-CWF, MF	EXCAVATION	TEMP	13X20	256	102X30	2328	-	-
			S44-T2-REL-AR-3	Perennial	41.187255	-75.686209	UNT to Shades Creek	HQ-CWF, MF	MATS	TEMP	20X13	256	20X11	902	-	-
			W10a-T4-REL-AR-3	PEM	41.187260	-75.686251	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	0.3X0.8	0.1
			W10a-T4-REL-AR-3	PEM	41.187260	-75.686251	Wetland	EV	MATS	TEMP	-	-	-	-	0.3X1	0.1

## Aquatic Resource Impact Table

For PA Chapter 105 Water Obstruction and Enchroachment Application

Project Name: REAE - Regional Energy Lateral and Existing Compressor Station 515

DEP USE ONLY			Project Information							PADEP / 105						
PADEP Permit Number	Single Crossing No.	Crossing Number	Structure / Activity Unique Identifier	Aquatic Resource Type	Latitude	Longitude	Waters Name	PA Code Chapter 93	Work Proposed	DEP Impact Type	Watercourse Impact		Floodway Impact		Wetland Impact	
											Top of Bank to Top		Top of Bank		Dimensions	
											Length and Width	Square Feet	Length and Width	Square Feet	Length and Width	Square Feet
											(in feet)		(in feet)		(in feet)	
			W11-T4-REL-AR-3	PEM	41.187105	-75.686053	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	156X5	686
			W11-T4-REL-AR-3	PEM	41.187088	-75.686039	Wetland	EV	MATS	TEMP	-	-	-	-	8X156	684
			W55-T1-REL-AR-3	PEM	41.186969	-75.685995	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	44X4	162
			W55-T1-REL-AR-3	PEM	41.186963	-75.685994	Wetland	EV	MATS	TEMP	-	-	-	-	6X42	162
			W10-T4-REL-AR-4	PEM	41.188148	-75.686984	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	132X6	728
			W10-T4-REL-AR-4	PEM	41.188307	-75.687793	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	17X11	186
			W10-T4-REL-AR-4	PEM	41.188150	-75.686984	Wetland	EV	MATS	TEMP	-	-	-	-	6X132	728
			W54-T1-REL-AR-4	PEM	41.188150	-75.686902	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	160X3	320
			W54-T1-REL-AR-4	PEM	41.188162	-75.686918	Wetland	OTHER	MATS	TEMP	-	-	-	-	3X91	286
			W8-T4-REL-AR-5	PEM	41.189806	-75.689627	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	35X5	159
			W39-T3-REL-AR-6	PEM	41.190379	-75.690462	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	21X12	193
			W39-T3-REL-AR-6	PEM	41.190375	-75.690465	Wetland	EV	MATS	TEMP	-	-	-	-	20X35	193
			S42-T2-REL-AR-7	Perennial	41.197038	-75.701564	Little Shades Creek	HQ-CWF, MF	EXCAVATION	TEMP	20X10	213	116X19	2246	-	-
			S42-T2-REL-AR-7	Perennial	41.197038	-75.701564	Little Shades Creek	HQ-CWF, MF	MATS	TEMP	20X11	213	20X15	497	-	-
			W42-T1-REL-AR-8	PEM	41.202832	-75.710141	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	378X20	7224
			W42-T1-REL-AR-8	PEM/PSS	41.202835	-75.710158	Wetland	EV	MATS	TEMP	-	-	-	-	20X378	7511
			W42-T1-REL-AR-8	PSS	41.202978	-75.710280	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	131X3	329
			W31-T3-REL-AR-9	PEM	41.211365	-75.722835	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	255X19	4668
			W31-T3-REL-AR-9	PSS	41.211442	-75.723053	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	162X2	327
			W31-T3-REL-AR-9	PSS/PEM	41.211372	-75.722847	Wetland	EV	MATS	TEMP	-	-	-	-	20X253	4990
			S38-T2-REL-AR-10	Perennial	41.212752	-75.725295	Meadow Run	HQ-CWF, MF	EXCAVATION	TEMP	20X18	360	102X30	3013	-	-
			S38-T2-REL-AR-10	Perennial	41.212752	-75.725295	Meadow Run	HQ-CWF, MF	MATS	TEMP	20X18	360	20X13	461	-	-
			S40-T2-REL-AR-11	Perennial	41.215689	-75.729635	UNT to Bear Creek	HQ-CWF, MF	EXCAVATION	TEMP	21X9	190	31X24	732	-	-
			S40-T2-REL-AR-11	Perennial	41.215688	-75.729634	UNT to Bear Creek	HQ-CWF, MF	MATS	TEMP	20X12	190	2X36	285	-	-
			W96-T2-REL-AR-11	PEM	41.215603	-75.729502	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	156X17	2681
			W96-T2-REL-AR-11	PEM/PSS	41.215603	-75.729494	Wetland	EV	MATS	TEMP	-	-	-	-	20X156	3122
			W96-T2-REL-AR-11	PSS	41.215566	-75.729465	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	89X5	443
			S8-T5-REL-AR-12	Perennial	41.217872	-75.733329	Bear Creek	HQ-CWF, MF	EXCAVATION	TEMP	20X31	619	95X31	2358	-	-
			S8-T5-REL-AR-12	Perennial	41.217872	-75.733328	Bear Creek	HQ-CWF, MF	MATS	TEMP	20X31	619	19X23	879	-	-
			W15b-T5-REL-AR-12	PEM	41.217678	-75.732919	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	133X16	2152
			W15b-T5-REL-AR-12	PEM/PSS	41.217703	-75.732947	Wetland	EV	MATS	TEMP	-	-	-	-	33X100	2760
			W15b-T5-REL-AR-12	PSS	41.217732	-75.733003	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	204X3	610
			W97-T2-REL-AR-13	PEM	41.220166	-75.736555	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	275X17	4451
			W97-T2-REL-AR-13	PSS	41.220243	-75.736618	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	205X6	1071
			W97-T2-REL-AR-13	PSS/PEM	41.220177	-75.736573	Wetland	EV	MATS	TEMP	-	-	-	-	20X276	5522
			W34-T3-REL-AR-14	PEM	41.221389	-75.738471	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	26X9	204
			W34-T3-REL-AR-14	PEM	41.221388	-75.738469	Wetland	OTHER	MATS	TEMP	-	-	-	-	20X11	204
			S24a-T1-REL-AR-15	Ephemeral	41.254581	-75.763824	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	TEMP	-	-	266X28	7262	-	-
			S24-T1-REL-AR-15	Ephemeral	41.255521	-75.763777	Mill Creek	HQ-CWF, MF	EXCAVATION	TEMP	-	-	189X28	5132	-	-
			S9a-T13-REL-AR-15	Perennial	41.255910	-75.763910	Mill Creek	HQ-CWF, MF	EXCAVATION	TEMP	25X20	516	106X29	2971	-	-
			S9a-T13-REL-AR-15	Perennial	41.255909	-75.763912	Mill Creek	HQ-CWF, MF	MATS	TEMP	18X26	475	18X16	469	-	-
			S80-T2-REL-AR-16	Ephemeral	41.256905	-75.764974	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	TEMP	-	-	179X29	5065	-	-
			W176-T2-REL-AR-17	PEM	41.265818	-75.778673	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	9X19	170
			W176-T2-REL-AR-17	PEM	41.265817	-75.778674	Wetland	OTHER	MATS	TEMP	-	-	-	-	20X11	169
			S73-T2-REL-AR-18	Ephemeral	41.266863	-75.780518	UNT to Mill Creek	HQ-CWF, MF	EXCAVATION	TEMP	21X5	103	176X30	5021	-	-
			S73-T2-REL-AR-18	Ephemeral	41.266864	-75.780518	UNT to Mill Creek	HQ-CWF, MF	MATS	TEMP	20X5	103	20X33	581	-	-
			S82-T2-REL-AR-19	Ephemeral	41.281135	-75.792560	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	-	-	121X37	4017	-	-
			S15c-T2-REL-AR-20	Perennial	41.315097	-75.857907	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	-	-	32X3	96	-	-
			S26-T2-REL-AR-21	Perennial	41.322383	-75.878289	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	30X8	219	112X30	3065	-	-
			S24-T2-REL-AR-22	Ephemeral	41.323041	-75.878666	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	6X20	50	32X104	3245	-	-
			S52-T2-REL-AR-23	Perennial	41.342887	-75.938857	Trout Brook	CWF	EXCAVATION	TEMP	30X21	633	104X30	2751	-	-

Applicant: Transcontinental Gas Pipe Line Company, LLC  
 Aquatic Resource Impact Table  
 For PA Chapter 105 Water Obstruction and Enchroachment Application  
 Project Name: REAE - Regional Energy Lateral and Existing Compressor Station 515

DEP USE ONLY			Project Information							PADEP / 105						
PADEP Permit Number	Single Crossing No.	Crossing Number	Structure / Activity Unique Identifier	Aquatic Resource Type	Latitude	Longitude	Waters Name	PA Code Chapter 93	Work Proposed	DEP Impact Type	Watercourse Impact		Floodway Impact		Wetland Impact	
											Top of Bank to Top		Top of Bank		Dimensions	
										temp/perm	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet
			S2-T11-REL-AR-24	Perennial	41.345277	-75.942877	UNT to Trout Brook	CWF	EXCAVATION	PERM	0.02X0.6	0	189X23	4268	-	-
			S2-T11-REL-AR-24	Perennial	41.345245	-75.942696	UNT to Trout Brook	CWF	EXCAVATION	TEMP	20X4	79	91X32	2237	-	-
			S1-T12-REL-AR-25	Perennial	41.348859	-75.947752	UNT to Toby Creek	CWF	EXCAVATION	TEMP	20X5	93	104X25	2280	-	-
			W38-T2-REL-CS515	PEM	41.173965	-75.670310	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	85X29	1890
			W38-T2-REL-CS515	PEM	41.173955	-75.670312	Wetland	OTHER	MATS	TEMP	-	-	-	-	50X40	1890