

Applicant's Name: Transcontinental Gas Pipe Line Company, LLC  
 Aquatic Resource Impact Table  
 For PA Chapter 105 Water Obstruction and Encroachment Application  
 Project Name: Regional Energy Access Expansion Project -Regional Energy Lateral

DEP USE ONLY			Project Information								PADEP / 105					
PADEP Permit Number	Single Complete Crossing No.	Crossing Number	Structure / Activity unique identifier	Aquatic Resource Type	Latitude dd nad 83	Longitude dd nad 83	Waters Name	PA Code Chapter 93 Designation	Work Proposed	DEP Impact Type	Watercourse Impact		Floodway Impact		Wetland Impact Dimension	
											Top of Bank to Top of Bank		Top of Bank Landward			
										temp / perm	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet
			S20-T2-REL-1	Perennial	41.17791007	-75.67816605	UNT to Shades Creek	HQ-CWF	MATS	TEMP	11X20	199	-	-	-	-
			S18-T2-REL-1	Ephemeral	41.17598883	-75.67577887	UNT to Shades Creek	HQ-CWF	MATS	TEMP	10X20	162	-	-	-	-
			S18-T2-REL-1	Ephemeral	41.17599562	-75.6757882	UNT to Shades Creek	HQ-CWF	MATS	TEMP	-	-	52X20	754	-	-
			S20-T2-REL-1	Perennial	41.17793989	-75.67821118	UNT to Shades Creek	HQ-CWF	MATS	TEMP	-	-	65X20	1025	-	-
			W79-T1-REL-1	PFO	41.17800304	41.17800304	Wetland	EV	MATS	TEMP	-	-	-	-	19X20	290
			W79-T1-REL-1	PFO	41.17827697	41.17827697	Wetland	EV	MATS	TEMP	-	-	-	-	57X20	1147
			S19-T2-REL-1	Ephemeral	41.17631161	-75.67628216	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	-	-	152X29	2942	-	-
			S18-T2-REL-1	Ephemeral	41.17598671	-75.67580593	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	-	-	211X38	5474	-	-
			S20-T2-REL-1	Perennial	41.17785438	-75.6781142	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	-	-	144X35	4471	-	-
			S18-T2-REL-1	Ephemeral	41.17606704	-75.67579131	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	-	-	153X17	2635	-	-
			S18-T2-REL-1	Ephemeral	41.17606154	-75.67576851	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	-	-	5X16	53	-	-
			S20-T2-REL-1	Perennial	41.17803186	-75.6780797	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	-	-	55X13	457	-	-
			S20-T2-REL-1	Perennial	41.17787018	-75.67798544	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	-	-	131X22	2836	-	-
			W79-T1-REL-1	PEM	41.17820611	-75.67835095	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	253X23	4471
			W22-T1-REL-1	PEM	41.17701137	-75.67685618	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	872X31	22008
			W79-T1-REL-1	PFO	41.17834796	-75.67862915	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	41X7	326
			W79-T1-REL-1	PFO	41.17803902	-75.67823838	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	23X10	235
			W22-T1-REL-1	PEM	41.17600317	-75.67559001	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	200X24	4199
			W22-T1-REL-1	PEM	41.17608409	-75.6757651	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	2X3	3
			W22-T1-REL-1	PEM	41.17734563	-75.67735554	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	144X1.5	123
			W79-T1-REL-1	PFO	41.17826681	-75.67863489	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	57X36	1924
			W79-T1-REL-1	PFO	41.17800667	-75.67826937	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	20X19	357
			S20-T2-REL-1	Perennial	41.17791259	-75.67816096	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	10X24	234	-	-	-	-
			S18-T2-REL-1	Ephemeral	41.17599697	-75.67577868	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	6X33	198	-	-	-	-
			S20-T2-REL-1	Perennial	41.1779115	-75.67801891	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	61X14	747	-	-	-	-
			S18-T2-REL-1	Ephemeral	41.17610881	-75.67578736	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	78X9	567	-	-	-	-
			W79-T1-REL-1	PFO	41.1780661	-75.67824747	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	13X0.07	1
			S3-T13-REL-2	Perennial	41.18426307	-75.68442973	Shades Creek	HQ-CWF	MATS	TEMP	23X20	422	-	-	-	-
			S3-T13-REL-2	Perennial	41.18425802	-75.68442602	Shades Creek	HQ-CWF	MATS	TEMP	-	-	29X20	494	-	-
			S3-T13-REL-2	Perennial	41.18413726	-75.68472558	Shades Creek	HQ-CWF	EXCAVATION	TEMP	-	-	46X289	12066	-	-
			S3-T13-REL-2	Perennial	41.18432784	-75.6843383	Shades Creek	HQ-CWF	EXCAVATION	TEMP	-	-	100X45	4570	-	-
			W41-T3-REL-2	PSS	41.18432398	-75.68428273	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	8X35	237
			S3-T13-REL-2	Perennial	41.18417729	-75.68461292	Shades Creek	HQ-CWF	EXCAVATION	TEMP	57X26	1296	-	-	-	-
			S3-T13-REL-2	Perennial	41.18431816	-75.68433129	Shades Creek	HQ-CWF	EXCAVATION	TEMP	11X45	525	-	-	-	-
			W41-T3-REL-2	PSS	41.18428134	-75.68433145	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	1X2	1
			W10a-T4-REL-3	PFO	41.18699452	41.18699452	Wetland	EV	MATS	TEMP	-	-	-	-	9X20	148
			W10-T4-REL-3	PSS/PFO	41.18810159	41.18810159	Wetland	EV	MATS	TEMP	-	-	-	-	146X20	2936
			S44-T2-REL-3	Perennial	41.18697095	-75.68649537	UNT to Shades Creek	HQ-CWF	MATS	TEMP	13X20	244	-	-	-	-

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PADEP Permit Number	Single Complete Crossing No.	Crossing Number	Structure / Activity unique identifier	Aquatic Resource Type	Latitude dd nad 83	Longitude dd nad 83	Waters Name	PA Code Chapter 93 Designation	Work Proposed	DEP Impact Type	Watercourse Impact		Floodway Impact		Wetland Impact Dimension	
											Top of Bank to Top of Bank		Top of Bank Landward			
										temp / perm	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet
			S44-T2-REL-3	Perennial	41.18701227	-75.6865328	UNT to Shades Creek	HQ-CWF	MATS	TEMP	-	-	12X20	219	-	-
			S44-T2-REL-3	Perennial	41.18694059	-75.68647558	UNT to Shades Creek	HQ-CWF	MATS	TEMP	-	-	13X20	232	-	-
			S44-T2-REL-3	Perennial	41.18707167	-75.68655258	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	-	-	52X35	1766	-	-
			S44-T2-REL-3	Perennial	41.18690152	-75.68642365	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	-	-	50X35	1801	-	-
			S44-T2-REL-3	Perennial	41.18660929	-75.68643082	UNT to Shades Creek	HQ-CWF	EXCAVATION	PERM	-	-	84X1	110	-	-
			S44-T2-REL-3	Perennial	41.18701661	-75.68662759	UNT to Shades Creek	HQ-CWF	EXCAVATION	PERM	-	-	50X18	884	-	-
			S44-T2-REL-3	Perennial	41.18686098	-75.68650163	UNT to Shades Creek	HQ-CWF	EXCAVATION	PERM	-	-	55X19	1007	-	-
			W10a-T4-REL-3	PFO	41.18696629	-75.68656562	Wetland	EV	EXCAVATION	PERM	-	-	-	-	3X10	24
			W10b-T4-REL-3	PEM	41.18666347	-75.6864302	Wetland	EV	EXCAVATION	PERM	-	-	-	-	188X25	3763
			W10-T4-REL-3	PEM	41.18755928	-75.68717267	Wetland	EV	EXCAVATION	PERM	-	-	-	-	542X23	13053
			W10-T4-REL-3	PFO	41.18802654	-75.68754478	Wetland	EV	EXCAVATION	PERM	-	-	-	-	142X10	1389
			W10a-T4-REL-3	PFO	41.18700208	-75.68649744	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	9X35	253
			W10-T4-REL-3	PSS	41.18815809	-75.68756897	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	138X15	2023
			W10-T4-REL-3	PFO	41.18809006	-75.68755836	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	159X19	2985
			S44-T2-REL-3	Perennial	41.18697315	-75.68648889	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	13X29	358	-	-	-	-
			S44-T2-REL-3	Perennial	41.18691144	-75.68658565	UNT to Shades Creek	HQ-CWF	EXCAVATION	PERM	11X40	498	-	-	-	-
			W10a-T4-REL-3	PFO	41.1869553	-75.68658753	Wetland	EV	EXCAVATION	PERM	-	-	-	-	0.5X3	2
			W10-T4-REL-3	PFO	41.18812826	-75.68774666	Wetland	EV	EXCAVATION	PERM	-	-	-	-	11X4	33
			W10-T4-REL-3	PFO	41.1879973	-75.68753511	Wetland	EV	EXCAVATION	PERM	-	-	-	-	91X4	192
			W108-T2-REL-4	PEM	41.18834068	-75.68817146	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	112X28	2436
			W107-T2-REL-4	PEM	41.18854569	-75.68853519	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	20X11	184
			W106-T2-REL-4	PEM	41.18885055	-75.68901079	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	17X17	264
			W105-T2-REL-4	PEM	41.18920861	-75.6895695	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	142X16	2224
			W108-T2-REL-4	PEM	41.18841061	-75.68817518	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	3X5	11
			W8-T4-REL-4	PEM	41.18903461	-75.68894489	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	202X9	1647
			W8-T4-REL-4	PEM	41.18945365	-75.68960809	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	201X9	1060
			S2-T13-REL-5	Perennial	41.18998048	-75.69059882	UNT to Shades Creek	HQ-CWF	MATS	TEMP	4X3	9	-	-	-	-
			W39-T3-REL-5	PFO/PEM	41.19005944	41.19005944	Wetland	EV	MATS	TEMP	-	-	-	-	91X20	803
			W38-T3-REL-5	PEM/PFO	41.19111864	41.19111864	Wetland	OTHER	MATS	TEMP	-	-	-	-	53X18	633
			S2-T13-REL-5	Perennial	41.18996538	-75.69052979	UNT to Shades Creek	HQ-CWF	MATS	TEMP	-	-	21X20	277	-	-
			S2-T13-REL-5	Perennial	41.19005858	-75.69068228	UNT to Shades Creek	HQ-CWF	MATS	TEMP	-	-	35X20	604	-	-
			S1-T13-REL-5	Perennial	41.19024737	-75.6909683	UNT to Shades Creek	HQ-CWF	MATS	TEMP	-	-	58X20	850	-	-
			W103-T2-REL-5	PFO/PEM	41.19043883	41.19043883	Wetland	EV	MATS	TEMP	-	-	-	-	265X20	4437
			W103-T2-REL-5	PFO/PEM	41.19129061	41.19129061	Wetland	EV	MATS	TEMP	-	-	-	-	21X20	391
			S2-T13-REL-5	Perennial	41.18992877	-75.69046611	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	-	-	55X34	1488	-	-
			S2-T13-REL-5	Perennial	41.19005964	-75.6906823	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	-	-	36X23	764	-	-
			S1-T13-REL-5	Perennial	41.19027859	-75.6909814	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	-	-	128X19	1786	-	-
			S2-T13-REL-5	Perennial	41.189831	-75.69046863	UNT to Shades Creek	HQ-CWF	EXCAVATION	PERM	-	-	90X22	1634	-	-

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										temp / perm	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	
			S1-T13-REL-5	Perennial	41.19034773	-75.69139169	UNT to Shades Creek	HQ-CWF	EXCAVATION	PERM	-	-	31X12	393	-	-	
			S2-T13-REL-5	Perennial	41.19001706	-75.69072757	UNT to Shades Creek	HQ-CWF	EXCAVATION	PERM	-	-	30X17	519	-	-	
			S1-T13-REL-5	Perennial	41.19008038	-75.69091312	UNT to Shades Creek	HQ-CWF	EXCAVATION	PERM	-	-	47X40	1666	-	-	
			W39-T3-REL-5	PEM	41.18992203	-75.69068734	Wetland	EV	EXCAVATION	PERM	-	-	-	-	83X22	1274	
			W39-T3-REL-5	PFO	41.18993449	-75.69063097	Wetland	EV	EXCAVATION	PERM	-	-	-	-	45X8	384	
			W104-T2-REL-5	PEM	41.19010033	-75.69094637	Wetland	EV	EXCAVATION	PERM	-	-	-	-	37X11	398	
			W103-T2-REL-5	PEM	41.19071054	-75.69194751	Wetland	EV	EXCAVATION	PERM	-	-	-	-	549X18	10698	
			W103-T2-REL-5	PFO	41.19044281	-75.69138533	Wetland	EV	EXCAVATION	PERM	-	-	-	-	320X10	2927	
			W5-T13-REL-5	PEM	41.19155617	-75.69332149	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	286X12	3125	
			W39-T3-REL-5	PEM	41.18980605	-75.69051433	Wetland	EV	EXCAVATION	PERM	-	-	-	-	45X19	871	
			W103-T2-REL-5	PEM	41.19017335	-75.69104802	Wetland	EV	EXCAVATION	PERM	-	-	-	-	79X5	254	
			W39-T3-REL-5	PFO	41.18998966	-75.69060183	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	27X13	349	
			W103-T2-REL-5	PEM	41.19128863	-75.69263284	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	19X58	997	
			W103-T2-REL-5	PFO	41.19042123	-75.69127267	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	281X19	4413	
			W103-T2-REL-5	PEM	41.19050989	-75.69133105	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	153X17	1753	
			W38-T3-REL-5	PEM	41.1911486	-75.69232101	Wetland	N/A	EXCAVATION	TEMP	-	-	-	-	65X15	952	
			W38-T3-REL-5	PFO	41.19110813	-75.69233497	Wetland	N/A	EXCAVATION	TEMP	-	-	-	-	45X13	470	
			W39-T3-REL-5	PEM	41.19003608	-75.69056192	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	81X21	1262	
			W39-T3-REL-5	PEM	41.19017194	-75.69077286	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	47X14	721	
			S2-T13-REL-5	Perennial	41.18997674	-75.69060086	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	4X5	21	-	-	-	-	
			S2-T13-REL-5	Perennial	41.18990395	-75.69059861	UNT to Shades Creek	HQ-CWF	EXCAVATION	PERM	4X56	196	-	-	-	-	
			S1-T13-REL-5	Perennial	41.19022161	-75.69112561	UNT to Shades Creek	HQ-CWF	EXCAVATION	PERM	80X6	451	-	-	-	-	
			W39-T3-REL-5	PFO	41.18996108	-75.69061921	Wetland	EV	EXCAVATION	PERM	-	-	-	-	37X10	353	
			W103-T2-REL-5	PFO	41.19063257	-75.69173617	Wetland	EV	EXCAVATION	PERM	-	-	-	-	142X6	824	
			W103-T2-REL-5	PFO	41.19030814	-75.69122043	Wetland	EV	EXCAVATION	PERM	-	-	-	-	147X7	1005	
			W37-T3-REL-6	PEM	41.19294	41.19294	Wetland	OTHER	MATS	TEMP	-	-	-	-	7X19	129	
			W37-T3-REL-6	PEM	41.19294746	-75.69524096	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	7X42	257	
			W36-T3-REL-7	PEM	41.19461862	-75.69789158	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	10X27	233	
			W3-T13-REL-8	PEM	41.19575778	41.19575778	Wetland	OTHER	MATS	TEMP	-	-	-	-	31X20	469	
			W3-T13-REL-8	PEM/PFO	41.19595044	41.19595044	Wetland	OTHER	MATS	TEMP	-	-	-	-	23X20	433	
			W3-T13-REL-8	PFO	41.19590248	-75.70007478	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	20X10	146	
			W3-T13-REL-8	PEM	41.19593631	-75.70024859	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	251X6	1235	
			W101-T2-REL-8	PEM	41.19553645	-75.69963154	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	180X12	1861	
			W3-T13-REL-8	PEM	41.1958301	-75.69981413	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	52X20	1062	
			W3-T13-REL-8	PFO	41.19594186	-75.70006918	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	24X14	348	
			W3-T13-REL-8	PFO	41.19587215	-75.70008096	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	13X9	111	
			S42-T2-REL-9	Perennial	41.19696713	-75.70167829	Little Shades Creek	HQ-CWF	MATS	TEMP	17X20	304	-	-	-	-	
			S42-T2-REL-9	Perennial	41.19699326	-75.70171171	Little Shades Creek	HQ-CWF	MATS	TEMP	-	-	12X20	226	-	-	

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			S42-T2-REL-9	Perennial	41.19694636	-75.70163877	Little Shades Creek	HQ-CWF	MATS	TEMP	-	-	11X20	219	-	-	
			S42-T2-REL-9	Perennial	41.1970347	-75.70175529	Little Shades Creek	HQ-CWF	EXCAVATION	TEMP	-	-	50X36	1786	-	-	
			S42-T2-REL-9	Perennial	41.19692031	-75.70157289	Little Shades Creek	HQ-CWF	EXCAVATION	TEMP	-	-	50X35	1770	-	-	
			S42-T2-REL-9	Perennial	41.19698355	-75.70186125	Little Shades Creek	HQ-CWF	EXCAVATION	PERM	-	-	57X26	1607	-	-	
			S42-T2-REL-9	Perennial	41.19685879	-75.70166538	Little Shades Creek	HQ-CWF	EXCAVATION	PERM	-	-	51X31	1607	-	-	
			W7a-T4-REL-9	PEM	41.196935	-75.70187762	Wetland	EV	EXCAVATION	PERM	-	-	-	-	32X16	516	
			W7a-T4-REL-9	PEM	41.19670195	-75.70150623	Wetland	EV	EXCAVATION	PERM	-	-	-	-	145X17	2338	
			S42-T2-REL-9	Perennial	41.19696631	-75.70167935	Little Shades Creek	HQ-CWF	EXCAVATION	TEMP	15X25	383	-	-	-	-	
			S42-T2-REL-9	Perennial	41.19690769	-75.70176948	Little Shades Creek	HQ-CWF	EXCAVATION	PERM	14X40	685	-	-	-	-	
			W4-T4-REL-10	PEM	41.19765177	-75.70268777	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	39X23	598	
			W99-T2-REL-11	PEM	41.20057256	41.20057256	Wetland	OTHER	MATS	TEMP	-	-	-	-	20X20	318	
			W99-T2-REL-11	PEM	41.20035736	-75.70731543	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	175X22	3206	
			W99-T2-REL-11	PEM	41.20058413	-75.70742026	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	21X45	1022	
			W1-T4-REL-12	PEM/PFO	41.20098765	41.20098765	Wetland	OTHER	MATS	TEMP	-	-	-	-	35X20	564	
			W1-T4-REL-12	PEM	41.20093125	-75.708077	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	2X1	1	
			W1-T4-REL-12	PFO	41.20096102	-75.70815232	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	45X10	451	
			W1-T4-REL-12	PEM	41.20096261	-75.70828034	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	195X27	4995	
			W1-T4-REL-12	PEM	41.20100296	-75.70807656	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	22X28	589	
			W1-T4-REL-12	PFO	41.20098544	-75.70813254	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	36X12	320	
			W1-T4-REL-12	PFO	41.20095232	-75.70817613	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	48X3	166	
			W42-T1-REL-13	PFO/PSS	41.20267667	41.20267667	Wetland	EV	MATS	TEMP	-	-	-	-	391X20	7642	
			W42-T1-REL-13	PEM	41.20262883	-75.7107849	Wetland	EV	EXCAVATION	PERM	-	-	-	-	393X22	8597	
			W42-T1-REL-13	PFO	41.20267798	-75.71072925	Wetland	EV	EXCAVATION	PERM	-	-	-	-	327X10	3112	
			W42-T1-REL-13	PSS	41.20228993	-75.71028221	Wetland	EV	EXCAVATION	PERM	-	-	-	-	26X25	459	
			W42-T1-REL-13	PFO	41.20270722	-75.71068293	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	343X24	7752	
			W42-T1-REL-13	PSS	41.20262293	-75.71050736	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	398X13	6082	
			W42-T1-REL-13	PFO	41.20251593	-75.71054701	Wetland	EV	EXCAVATION	PERM	-	-	-	-	22X4	56	
			W42-T1-REL-13	PFO	41.20235034	-75.71035021	Wetland	EV	EXCAVATION	PERM	-	-	-	-	12X10	147	
			W42-T1-REL-13	PFO	41.20279484	-75.71092637	Wetland	EV	EXCAVATION	PERM	-	-	-	-	188X7	943	
			W6-T11-REL-14	PEM	41.20840999	-75.71914481	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	15X5	36	
			W92-T2-REL-14	PEM	41.20920361	-75.72039579	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	46X10	330	
			W93-T2-REL-14	PEM	41.20969286	-75.72115822	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	264X17	3858	
			W31-T3-REL-15	PFO/PSS	41.21104311	41.21104311	Wetland	EV	MATS	TEMP	-	-	-	-	345X20	6727	
			S4-T11-REL-15	Perennial	41.21076096	-75.72306421	UNT to Meadow Run	HQ-CWF	EXCAVATION	PERM	-	-	42X4	116	-	-	
			W31-T3-REL-15	PFO	41.21111073	-75.72361994	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	104X6	328	
			W31-T3-REL-15	PEM	41.21095916	-75.72324681	Wetland	EV	EXCAVATION	PERM	-	-	-	-	390X48	15917	
			W31-T3-REL-15	PFO	41.21078874	-75.72310669	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	29X6	131	
			W31-T3-REL-15	PFO	41.21098301	-75.72314329	Wetland	EV	EXCAVATION	PERM	-	-	-	-	287X11	3896	

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PADEP Permit Number	Single Complete Crossing No.	Crossing Number	Structure / Activity unique identifier	Aquatic Resource Type	Latitude dd nad 83	Longitude dd nad 83	Waters Name	PA Code Chapter 93 Designation	Work Proposed	DEP Impact Type	Watercourse Impact		Floodway Impact		Wetland Impact Dimension	
											Top of Bank to Top of Bank		Top of Bank Landward			
										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	41.21104375	-75.72305412	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	344X26	8883
			W31-T3-REL-15	PSS	41.21083453	-75.72259955	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	10X2	9
			W31-T3-REL-15	PEM	41.21089818	-75.72271725	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	60X7	374
			W31-T3-REL-15	PSS	41.21114742	-75.72312055	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	238X8	2086
			W31-T3-REL-15	PFO	41.2110299	-75.72313522	Wetland	EV	EXCAVATION	PERM	-	-	-	-	340X10	3395
			W31-T3-REL-15	PFO	41.21073933	-75.72274542	Wetland	EV	EXCAVATION	PERM	-	-	-	-	56X20	751
			W47-T1-REL-16	PEM	41.21185853	-75.72463582	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	75X5	257
			S38-T2-REL-17	Perennial	41.21263448	-75.72557979	Meadow Run	HQ-CWF	MATS	TEMP	23X20	467	-	-	-	-
			S38-T2-REL-17	Perennial	41.21259836	-75.72553542	Meadow Run	HQ-CWF	MATS	TEMP	-	-	19X20	276	-	-
			S38-T2-REL-17	Perennial	41.21267392	-75.72562707	Meadow Run	HQ-CWF	MATS	TEMP	-	-	23X20	319	-	-
			S38-T2-REL-17	Perennial	41.21257789	-75.72543876	Meadow Run	HQ-CWF	EXCAVATION	TEMP	-	-	52X46	2452	-	-
			S38-T2-REL-17	Perennial	41.21271694	-75.72565387	Meadow Run	HQ-CWF	EXCAVATION	TEMP	-	-	61X46	2556	-	-
			S38-T2-REL-17	Perennial	41.21251521	-75.72558858	Meadow Run	HQ-CWF	EXCAVATION	PERM	-	-	51X46	2368	-	-
			S38-T2-REL-17	Perennial	41.21265308	-75.72580939	Meadow Run	HQ-CWF	EXCAVATION	PERM	-	-	52X46	2363	-	-
			S38-T2-REL-17	Perennial	41.21263658	-75.72557302	Meadow Run	HQ-CWF	EXCAVATION	TEMP	21X33	684	-	-	-	-
			S38-T2-REL-17	Perennial	41.21259051	-75.72568718	Meadow Run	HQ-CWF	EXCAVATION	PERM	25X37	920	-	-	-	-
			W14-T5-REL-18	PSS	41.21469508	41.21469508	Wetland	OTHER	MATS	TEMP	-	-	-	-	74X20	1445
			W14-T5-REL-18	PSS	41.21465294	-75.72897366	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	61X25	1456
			W14-T5-REL-18	PSS	41.21469275	-75.72883698	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	74X46	3074
			W96-T2-REL-19	PFO/PSS	41.2154062	41.2154062	Wetland	EV	MATS	TEMP	-	-	-	-	275X20	4975
			S40-T2-REL-19	Perennial	41.21555765	-75.73021455	UNT to Bear Creek	HQ-CWF	MATS	TEMP	17X20	254	-	-	-	-
			S40-T2-REL-19	Perennial	41.21560202	-75.73026788	UNT to Bear Creek	HQ-CWF	MATS	TEMP	-	-	21X20	351	-	-
			S40-T2-REL-19	Perennial	41.21563296	-75.73030448	UNT to Bear Creek	HQ-CWF	EXCAVATION	TEMP	-	-	52X36	1786	-	-
			S40-T2-REL-19	Perennial	41.21557245	-75.73042359	UNT to Bear Creek	HQ-CWF	EXCAVATION	PERM	-	-	46X40	1919	-	-
			W96-T2-REL-19	POW	41.21546335	-75.73030681	Wetland	EV	EXCAVATION	PERM	-	-	-	-	42X22	666
			W96-T2-REL-19	PFO	41.21533974	-75.72995712	Wetland	EV	EXCAVATION	PERM	-	-	-	-	131X8	671
			W96-T2-REL-19	PSS	41.21514873	-75.72996764	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	43X16	467
			W96-T2-REL-19	PSS	41.21536666	-75.73010678	Wetland	EV	EXCAVATION	PERM	-	-	-	-	142X24	2649
			W96-T2-REL-19	PEM	41.21535527	-75.73016265	Wetland	EV	EXCAVATION	PERM	-	-	-	-	132X10	727
			W96-T2-REL-19	POW	41.21551115	-75.73036608	Wetland	EV	EXCAVATION	PERM	-	-	-	-	7X24	159
			W96-T2-REL-19	PSS	41.21553176	-75.73032119	Wetland	EV	EXCAVATION	PERM	-	-	-	-	11X7	67
			W96-T2-REL-19	PSS	41.21511629	-75.72942125	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	31X20	307
			W96-T2-REL-19	PFO	41.21532547	-75.72984737	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	278X23	5043
			W96-T2-REL-19	PSS	41.21546414	-75.73016445	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	128X9	999
			W96-T2-REL-19	PSS	41.21556248	-75.73029249	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	5X19	97
			W96-T2-REL-19	PFO	41.2155742	-75.73024562	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	5X9	49
			W96-T2-REL-19	PSS	41.2153702	-75.72982523	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	224X12	2811
			W96-T2-REL-19	PSS	41.21558959	-75.73018842	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	9X21	177

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											Top of Bank to Top of Bank		Top of Bank Landward			
										temp / perm	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet
			S40-T2-REL-19	Perennial	41.21555638	-75.7302254	UNT to Bear Creek	HQ-CWF	EXCAVATION	TEMP	15X40	340	-	-	-	-
			S40-T2-REL-19	Perennial	41.21550439	-75.73034387	UNT to Bear Creek	HQ-CWF	EXCAVATION	PERM	3X33	116	-	-	-	-
			W15b-T5-REL-20	PFO/PSS	41.21736929	41.21736929	Wetland	N/A	MATS	TEMP	-	-	-	-	109X20	1052
			W48-T1-REL-20	PEM/PSS	41.21758915	41.21758915	Wetland	N/A	MATS	TEMP	-	-	-	-	10X20	157
			S8-T5-REL-20	Perennial	41.21751798	-75.73332019	Bear Creek	HQ-CWF	MATS	TEMP	41X20	788	-	-	-	-
			S9-T5-REL-20	Perennial	41.21725868	-75.73292134	Bear Creek	HQ-CWF	MATS	TEMP	-	-	14X14	172	-	-
			S8-T5-REL-20	Perennial	41.21742525	-75.73317689	Bear Creek	HQ-CWF	MATS	TEMP	-	-	65X20	761	-	-
			S8-T5-REL-20	Perennial	41.21756946	-75.73340094	Bear Creek	HQ-CWF	MATS	TEMP	-	-	17X20	333	-	-
			S8-T5-REL-20	Perennial	41.21760581	-75.73346892	Bear Creek	HQ-CWF	MATS	TEMP	-	-	14X20	242	-	-
			S9-T5-REL-20	Perennial	41.21729648	-75.73300955	Bear Creek	HQ-CWF	MATS	TEMP	-	-	12X9	78	-	-
			S9-T5-REL-20	Perennial	41.21722015	-75.73287955	Bear Creek	HQ-CWF	EXCAVATION	TEMP	-	-	48X17	728	-	-
			S8-T5-REL-20	Perennial	41.21743996	-75.73316903	Bear Creek	HQ-CWF	EXCAVATION	TEMP	-	-	137X16	1625	-	-
			S8-T5-REL-20	Perennial	41.21758365	-75.73339962	Bear Creek	HQ-CWF	EXCAVATION	TEMP	-	-	15X41	620	-	-
			S8-T5-REL-20	Perennial	41.21764477	-75.73349586	Bear Creek	HQ-CWF	EXCAVATION	TEMP	-	-	36X47	1373	-	-
			S9-T5-REL-20	Perennial	41.217296	-75.73301522	Bear Creek	HQ-CWF	EXCAVATION	TEMP	-	-	18X10	128	-	-
			S9-T5-REL-20	Perennial	41.21712652	-75.73288517	Bear Creek	HQ-CWF	EXCAVATION	PERM	-	-	67X42	2568	-	-
			S8-T5-REL-20	Perennial	41.21733535	-75.73320698	Bear Creek	HQ-CWF	EXCAVATION	PERM	-	-	56X38	1959	-	-
			S8-T5-REL-20	Perennial	41.21747073	-75.73342346	Bear Creek	HQ-CWF	EXCAVATION	PERM	-	-	14X41	540	-	-
			S8-T5-REL-20	Perennial	41.2175304	-75.73351847	Bear Creek	HQ-CWF	EXCAVATION	PERM	-	-	33X37	1157	-	-
			S9-T5-REL-20	Perennial	41.21724025	-75.73307381	Bear Creek	HQ-CWF	EXCAVATION	PERM	-	-	56X37	1540	-	-
			W15b-T5-REL-20	PFO	41.21719359	-75.73299351	Wetland	EV	EXCAVATION	PERM	-	-	-	-	11X26	261
			W48-T1-REL-20	PEM	41.21752254	-75.73345702	Wetland	EV	EXCAVATION	PERM	-	-	-	-	0.4X0.4	0
			W48-T1-REL-20	PEM	41.21745715	-75.73347783	Wetland	EV	EXCAVATION	PERM	-	-	-	-	15X15	143
			W48-T1-REL-20	PSS	41.21748856	-75.73345279	Wetland	EV	EXCAVATION	PERM	-	-	-	-	7X25	133
			W15b-T5-REL-20	PFO	41.21726261	-75.73296776	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	19X6	106
			W48-T1-REL-20	PEM	41.21758949	-75.73343691	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	9X51	298
			W48-T1-REL-20	PSS	41.21752564	-75.73344248	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	11X5	32
			W48-T1-REL-20	PSS	41.21764525	-75.73343669	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	27X1	32
			W15b-T5-REL-20	PSS	41.21738085	-75.73307471	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	121X9	1336
			S8-T5-REL-20	Perennial	41.21753643	-75.73331162	Bear Creek	HQ-CWF	EXCAVATION	TEMP	39X27	1560	-	-	-	-
			S8-T5-REL-20	Perennial	41.21742144	-75.73334117	Bear Creek	HQ-CWF	EXCAVATION	PERM	38X41	1661	-	-	-	-
			W15b-T5-REL-20	PFO	41.21724233	-75.73298269	Wetland	EV	EXCAVATION	PERM	-	-	-	-	16X11	170
			W49-T1-REL-21	PSS/PFO	41.21804715	41.21804715	Wetland	EV	MATS	TEMP	-	-	-	-	227X20	3672
			W49-T1-REL-21	PSS/PFO/PEM	41.21859255	41.21859255	Wetland	EV	MATS	TEMP	-	-	-	-	185X20	3469
			W49-T1-REL-21	PSS	41.21770025	-75.73382002	Wetland	EV	EXCAVATION	PERM	-	-	-	-	26X30	620
			W49-T1-REL-21	PEM	41.21833139	-75.73493627	Wetland	EV	EXCAVATION	PERM	-	-	-	-	527X40	19553
			W49-T1-REL-21	PFO	41.21838265	-75.73512406	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	23X3	248
			W49-T1-REL-21	PFO	41.21831444	-75.73477788	Wetland	EV	EXCAVATION	PERM	-	-	-	-	16X14	122

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											Top of Bank to Top of Bank		Top of Bank Landward		Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet
											Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet				
			W49-T1-REL-21	PFO	41.2185437	-75.73511241	Wetland	EV	EXCAVATION	PERM	-	-	-	-	164X14	2086		
			W49-T1-REL-21	PFO	41.21794543	-75.73443253	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	70X2	107		
			W49-T1-REL-21	PFO	41.21776765	-75.73381032	Wetland	EV	EXCAVATION	PERM	-	-	-	-	41X10	243		
			W49-T1-REL-21	PFO	41.21807991	-75.73438938	Wetland	EV	EXCAVATION	PERM	-	-	-	-	165X19	2695		
			W49-T1-REL-21	PSS	41.21772732	-75.73375201	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	27X11	202		
			W49-T1-REL-21	PFO	41.21857135	-75.73502135	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	180X15	2358		
			W49-T1-REL-21	PEM	41.21862648	-75.7350114	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	185X21	3614		
			W49-T1-REL-21	PFO	41.21780923	-75.73382753	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	77X7	378		
			W49-T1-REL-21	PSS	41.21807136	-75.73413845	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	205X20	2971		
			W49-T1-REL-21	PFO	41.21812982	-75.73431416	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	171X17	2255		
			W49-T1-REL-21	PFO	41.2177504	-75.73381943	Wetland	EV	EXCAVATION	PERM	-	-	-	-	8X1	5		
			W49-T1-REL-21	PFO	41.21812527	-75.73438431	Wetland	EV	EXCAVATION	PERM	-	-	-	-	159X10	1501		
			W49-T1-REL-21	PFO	41.21855248	-75.73506044	Wetland	EV	EXCAVATION	PERM	-	-	-	-	155X10	1514		
			W97-T2-REL-22	PFO	41.21998639	41.21998639	Wetland	EV	MATS	TEMP	-	-	-	-	276X20	5402		
			W97-T2-REL-22	PFO	41.21954985	-75.73700904	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	54X0.3	16		
			W97-T2-REL-22	PEM	41.21987851	-75.73734874	Wetland	EV	EXCAVATION	PERM	-	-	-	-	317X45	12484		
			W97-T2-REL-22	PFO	41.21997582	-75.73725716	Wetland	EV	EXCAVATION	PERM	-	-	-	-	264X11	2103		
			W97-T2-REL-22	PFO	41.21968017	-75.73666353	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	16X23	198		
			W97-T2-REL-22	PFO	41.22001926	-75.73720005	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	269X36	9379		
			W97-T2-REL-22	PFO	41.21998021	-75.73732558	Wetland	EV	EXCAVATION	PERM	-	-	-	-	121X15	1751		
			W4-T12-REL-23	PEM/PFO	41.22252709	41.22252709	Wetland	OTHER	MATS	TEMP	-	-	-	-	47X20	462		
			W84-T2-REL-23	PEM	41.22210242	41.22210242	Wetland	OTHER	MATS	TEMP	-	-	-	-	31X20	365		
			W9-T5-REL-23	PFO	41.22183165	41.22183165	Wetland	EV	MATS	TEMP	-	-	-	-	51X20	419		
			W9-T5-REL-23	PEM	41.22194596	41.22194596	Wetland	EV	MATS	TEMP	-	-	-	-	36X20	754		
			W9-T5-REL-23	PEM	41.22206839	41.22206839	Wetland	EV	MATS	TEMP	-	-	-	-	28X20	466		
			W9-T5-REL-23	PEM	41.22208448	41.22208448	Wetland	EV	MATS	TEMP	-	-	-	-	28X20	132		
			W4-T12-REL-23	PFO	41.22258329	-75.74090112	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	22X13	107		
			W9-T5-REL-23	PEM	41.22198828	-75.74000865	Wetland	EV	EXCAVATION	PERM	-	-	-	-	534X27	10153		
			W9-T5-REL-23	PFO	41.2218205	-75.73958322	Wetland	EV	EXCAVATION	PERM	-	-	-	-	10X13	113		
			W84-T2-REL-23	PEM	41.22210703	-75.74036952	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	0.7X0.3	0		
			W4-T12-REL-23	PEM	41.22248508	-75.74094282	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	64X11	426		
			W4-T12-REL-23	PFO	41.22252104	-75.7409003	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	42X35	675		
			W9-T5-REL-23	PFO	41.22183814	-75.73945384	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	109X17	1565		
			W84-T2-REL-23	PEM	41.22208975	-75.7404076	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	31X33	638		
			W9-T5-REL-23	PFO	41.22178774	-75.73959467	Wetland	EV	EXCAVATION	PERM	-	-	-	-	8X13	105		
			W4-T12-REL-23	PFO	41.2225636	-75.74086456	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	3X2	6		
			W86-T2-REL-24	PFO	41.22543746	41.22543746	Wetland	OTHER	MATS	TEMP	-	-	-	-	36X14	348		
			W86-T2-REL-24	PEM	41.22535882	-75.74423843	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	742X47	25255		

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											Top of Bank to Top of Bank		Top of Bank Landward		Length and Width (in feet)	Square Feet	Length and Width (in feet)
										temp / perm	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet			
			W86-T2-REL-24	PFO	41.22544864	-75.74449401	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	45X10	444	
			W86-T2-REL-24	PEM	41.22502196	-75.7439415	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	121X3	312	
			W86-T2-REL-24	PFO	41.22543615	-75.74453526	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	40X14	470	
			W86-T2-REL-24	PFO	41.22545624	-75.74447243	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	47X3	126	
			W12-T5-REL-25	PFO	41.2271176	41.2271176	Wetland	OTHER	MATS	TEMP	-	-	-	-	48X20	724	
			W87-T2-REL-25	PEM	41.22859862	-75.74824115	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	251X6	1583	
			W12-T5-REL-25	PEM	41.22773258	-75.74723056	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	906X38	25982	
			W12-T5-REL-25	PFO	41.22710634	-75.74657802	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	41X9	345	
			W12-T5-REL-25	PFO	41.22711454	-75.7466714	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	23X55	888	
			W12-T5-REL-25	PFO	41.22707401	-75.74651187	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	7X0.1	1	
			S2-T12-REL-26	Perennial	41.22940888	-75.74955981	UNT to Little Bear Creek	HQ-CWF	MATS	TEMP	8X20	101	-	-	-	-	
			W13-T5-REL-26	PFO	41.22940034	41.22940034	Wetland	EV	MATS	TEMP	-	-	-	-	225X20	4451	
			W13-T5-REL-26	PFO	41.22954961	-75.7496559	Wetland	EV	EXCAVATION	PERM	-	-	-	-	112X7	775	
			W13-T5-REL-26	PFO	41.22939357	-75.7491657	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	107X0.4	35	
			W13-T5-REL-26	PFO	41.2293526	-75.74941934	Wetland	EV	EXCAVATION	PERM	-	-	-	-	91X4	189	
			W13-T5-REL-26	PEM	41.22960989	-75.74957712	Wetland	EV	EXCAVATION	PERM	-	-	-	-	135X55	6815	
			W13-T5-REL-26	PEM	41.22934308	-75.7492585	Wetland	EV	EXCAVATION	PERM	-	-	-	-	155X60	7861	
			W13-T5-REL-26	PFO	41.22951446	-75.74971663	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	106X35	3704	
			W13-T5-REL-26	PFO	41.2292838	-75.74942706	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	112X36	4014	
			W13-T5-REL-26	PEM	41.22919824	-75.74923399	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	23X0.5	12	
			S2-T12-REL-26	Perennial	41.22941023	-75.74955519	UNT to Little Bear Creek	HQ-CWF	EXCAVATION	TEMP	4X30	117	-	-	-	-	
			S2-T12-REL-26	Perennial	41.22948103	-75.74942896	UNT to Little Bear Creek	HQ-CWF	EXCAVATION	PERM	4X72	242	-	-	-	-	
			S35-T2-REL-27	Intermittent	41.23225554	-75.75313604	UNT to Little Bear Creek	HQ-CWF	MATS	TEMP	15X20	112	-	-	-	-	
			S35-T2-REL-27	Intermittent	41.23194511	-75.75273435	UNT to Little Bear Creek	HQ-CWF	MATS	TEMP	-	-	26X20	340	-	-	
			W89-T2-REL-27	PFO	41.23197383	41.23197383	Wetland	EV	MATS	TEMP	-	-	-	-	38X20	554	
			W89-T2-REL-27	PFO	41.2322549	41.2322549	Wetland	EV	MATS	TEMP	-	-	-	-	27X20	305	
			S35-T2-REL-27	Intermittent	41.23202062	-75.75284348	UNT to Little Bear Creek	HQ-CWF	MATS	TEMP	-	-	12X20	223	-	-	
			S35-T2-REL-27	Intermittent	41.23223097	-75.75309887	UNT to Little Bear Creek	HQ-CWF	MATS	TEMP	-	-	16X20	201	-	-	
			S35-T2-REL-27	Intermittent	41.23229042	-75.75318419	UNT to Little Bear Creek	HQ-CWF	MATS	TEMP	-	-	15X20	251	-	-	
			S35-T2-REL-27	Intermittent	41.23217107	-75.75305362	UNT to Little Bear Creek	HQ-CWF	EXCAVATION	TEMP	-	-	160X36	5430	-	-	
			S35-T2-REL-27	Intermittent	41.23193165	-75.75272008	UNT to Little Bear Creek	HQ-CWF	EXCAVATION	TEMP	-	-	43X31	768	-	-	
			S35-T2-REL-27	Intermittent	41.23225335	-75.75301935	UNT to Little Bear Creek	HQ-CWF	EXCAVATION	PERM	-	-	173X18	2807	-	-	
			S35-T2-REL-27	Intermittent	41.2319776	-75.75252246	UNT to Little Bear Creek	HQ-CWF	EXCAVATION	PERM	-	-	15X7	80	-	-	
			S35-T2-REL-27	Intermittent	41.23246234	-75.75305203	UNT to Little Bear Creek	HQ-CWF	EXCAVATION	PERM	-	-	14X15	103	-	-	
			S35-T2-REL-27	Intermittent	41.23194874	-75.75266676	UNT to Little Bear Creek	HQ-CWF	EXCAVATION	PERM	-	-	43X7	293	-	-	
			S35-T2-REL-27	Intermittent	41.23232153	-75.75286571	UNT to Little Bear Creek	HQ-CWF	EXCAVATION	PERM	-	-	103X5	434	-	-	
			W90-T2-REL-27	PEM	41.23258102	-75.75324873	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	45X10	304	
			W89-T2-REL-27	PEM	41.23227151	-75.75289711	Wetland	EV	EXCAVATION	PERM	-	-	-	-	180X30	5756	



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											Top of Bank to Top of Bank		Top of Bank Landward			
										temp / perm	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet
			W89-T2-REL-27	PFO	41.232316	-75.75312281	Wetland	EV	EXCAVATION	PERM	-	-	-	-	6X10	76
			W89-T2-REL-27	PFO	41.23242588	-75.75298914	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	15X2	15
			W89-T2-REL-27	PFO	41.23205189	-75.75251757	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	54X1	51
			W89-T2-REL-27	PFO	41.23200364	-75.75273621	Wetland	EV	EXCAVATION	PERM	-	-	-	-	45X7	204
			W89-T2-REL-27	PFO	41.2321312	-75.75261726	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	18X1	17
			W89-T2-REL-27	PFO	41.23218455	-75.75268432	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	25X1	24
			W89-T2-REL-27	PEM	41.23212098	-75.75264038	Wetland	EV	EXCAVATION	PERM	-	-	-	-	18X14	239
			W89-T2-REL-27	PEM	41.23206368	-75.7526882	Wetland	EV	EXCAVATION	PERM	-	-	-	-	211X40	3953
			W89-T2-REL-27	PFO	41.23229365	-75.75310062	Wetland	EV	EXCAVATION	PERM	-	-	-	-	5X10	46
			W89-T2-REL-27	PFO	41.23225269	-75.75318409	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	15X35	428
			W89-T2-REL-27	PFO	41.23196473	-75.75280975	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	38X35	1043
			W89-T2-REL-27	PEM	41.2322807	-75.75310733	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	0.4X0.2	0
			W89-T2-REL-27	PFO	41.23223106	-75.75314078	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	7X42	256
			S35-T2-REL-27	Intermittent	41.23225537	-75.75313602	UNT to Little Bear Creek	HQ-CWF	EXCAVATION	TEMP	3X36	130	-	-	-	-
			S35-T2-REL-27	Intermittent	41.23216089	-75.75281103	UNT to Little Bear Creek	HQ-CWF	EXCAVATION	PERM	215X3	1000	-	-	-	-
			W89-T2-REL-27	PFO	41.23232862	-75.75310574	Wetland	EV	EXCAVATION	PERM	-	-	-	-	12X4	61
			W89-T2-REL-27	PFO	41.23230186	-75.75307906	Wetland	EV	EXCAVATION	PERM	-	-	-	-	2X2	4
			S61-T2-REL-28	Perennial	41.24058254	-75.75843301	UNT to Mill Creek	CWF	MATS	TEMP	10X20	159	-	-	-	-
			S62-T2-REL-28	Perennial	41.24083916	-75.75827555	UNT to Mill Creek	CWF	MATS	TEMP	5X2	9	-	-	-	-
			S63-T2-REL-28	Perennial	41.24086303	-75.75829715	UNT to Mill Creek	CWF	MATS	TEMP	10X20	153	-	-	-	-
			W132-T2-REL-28	PSS	41.24088376	41.24088376	Wetland	EV	MATS	TEMP	-	-	-	-	37X20	359
			S61-T2-REL-28	Perennial	41.2405559	-75.75844116	UNT to Mill Creek	CWF	MATS	TEMP	-	-	14X20	234	-	-
			S61-T2-REL-28	Perennial	41.24061028	-75.75842009	UNT to Mill Creek	CWF	MATS	TEMP	-	-	13X20	241	-	-
			S63-T2-REL-28	Perennial	41.24094725	-75.75826457	UNT to Mill Creek	CWF	MATS	TEMP	-	-	40X20	662	-	-
			S63-T2-REL-28	Perennial	41.24082489	-75.75832089	UNT to Mill Creek	CWF	MATS	TEMP	-	-	15X20	270	-	-
			S63-T2-REL-28	Perennial	41.24075771	-75.75817769	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	37X15	340	-	-
			S61-T2-REL-28	Perennial	41.24064868	-75.75837755	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	99X46	2216	-	-
			S61-T2-REL-28	Perennial	41.24048034	-75.75844854	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	120X45	2498	-	-
			S61-T2-REL-28	Perennial	41.24046136	-75.75859217	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	0.2X10	2	-	-
			S63-T2-REL-28	Perennial	41.24077378	-75.75833573	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	69X45	1761	-	-
			S63-T2-REL-28	Perennial	41.24094305	-75.75823292	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	98X50	1933	-	-
			S63-T2-REL-28	Perennial	41.24103494	-75.75833705	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	0.05X2	0	-	-
			S63-T2-REL-28	Perennial	41.24077409	-75.75820954	UNT to Mill Creek	CWF	EXCAVATION	PERM	-	-	26X20	420	-	-
			S61-T2-REL-28	Perennial	41.24062095	-75.75830541	UNT to Mill Creek	CWF	EXCAVATION	PERM	-	-	43X30	1315	-	-
			S61-T2-REL-28	Perennial	41.24045087	-75.7583835	UNT to Mill Creek	CWF	EXCAVATION	PERM	-	-	70X30	2126	-	-
			S63-T2-REL-28	Perennial	41.24072027	-75.7582666	UNT to Mill Creek	CWF	EXCAVATION	PERM	-	-	35X31	869	-	-
			S63-T2-REL-28	Perennial	41.24091703	-75.75814756	UNT to Mill Creek	CWF	EXCAVATION	PERM	-	-	39X20	699	-	-
			W132-T2-REL-28	PSS	41.24088039	-75.75818755	Wetland	EV	EXCAVATION	PERM	-	-	-	-	36X30	258

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										temp / perm	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet			
			W132-T2-REL-28	PSS	41.24088078	-75.75822403	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	65X92	1300	
			W132-T2-REL-28	PSS	41.2408514	-75.75832144	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	7X30	149	
			S61-T2-REL-28	Perennial	41.24053771	-75.75835108	UNT to Mill Creek	CWF	EXCAVATION	TEMP	36X33	401	-	-	-	-	
			S62-T2-REL-28	Perennial	41.24082013	-75.7582654	UNT to Mill Creek	CWF	EXCAVATION	TEMP	14X6	106	-	-	-	-	
			S63-T2-REL-28	Perennial	41.24085358	-75.75826857	UNT to Mill Creek	CWF	EXCAVATION	TEMP	14X40	263	-	-	-	-	
			S61-T2-REL-28	Perennial	41.24055377	-75.75833722	UNT to Mill Creek	CWF	EXCAVATION	PERM	8X31	243	-	-	-	-	
			S62-T2-REL-28	Perennial	41.24075781	-75.75823968	UNT to Mill Creek	CWF	EXCAVATION	PERM	11X33	142	-	-	-	-	
			S63-T2-REL-28	Perennial	41.24082443	-75.75821146	UNT to Mill Creek	CWF	EXCAVATION	PERM	5X10	53	-	-	-	-	
			W14-T13-REL-29	PEM	41.24215554	41.24215554	Wetland	OTHER	MATS	TEMP	-	-	-	-	26X17	268	
			W137-T2-REL-29	PEM	41.2424923	41.2424923	Wetland	OTHER	MATS	TEMP	-	-	-	-	19X10	115	
			W14-T13-REL-29	PEM	41.2421339	-75.7580542	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	37X10	379	
			W137-T2-REL-29	PEM	41.24249059	-75.75806879	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	28X10	286	
			W14-T13-REL-29	PEM	41.24214596	-75.75809612	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	65X38	944	
			W137-T2-REL-29	PEM	41.24248072	-75.75804663	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	63X40	1246	
			S68-T2-REL-30	Perennial	41.2478734	-75.75842784	UNT to Mill Creek	CWF	MATS	TEMP	5X20	112	-	-	-	-	
			S8-T13-REL-30	Perennial	41.24777519	-75.75842195	UNT to Mill Creek	CWF	MATS	TEMP	15X20	272	-	-	-	-	
			W16-T13-REL-30	PFO	41.24783878	41.24783878	Wetland	EV	MATS	TEMP	-	-	-	-	42X20	578	
			S68-T2-REL-30	Perennial	41.24783795	-75.75842705	UNT to Mill Creek	CWF	MATS	TEMP	-	-	13X20	251	-	-	
			S8-T13-REL-30	Perennial	41.24771832	-75.75842339	UNT to Mill Creek	CWF	MATS	TEMP	-	-	28X20	397	-	-	
			S68-T2-REL-30	Perennial	41.24794132	-75.75843218	UNT to Mill Creek	CWF	MATS	TEMP	-	-	19X20	278	-	-	
			S8-T13-REL-30	Perennial	41.24781077	-75.7584255	UNT to Mill Creek	CWF	MATS	TEMP	-	-	8X20	154	-	-	
			S68-T2-REL-30	Perennial	41.24784532	-75.75844573	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	11X42	414	-	-	
			S8-T13-REL-30	Perennial	41.24740838	-75.75815703	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	2X34	41	-	-	
			S8-T13-REL-30	Perennial	41.24764868	-75.75841081	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	94X45	2635	-	-	
			S8-T13-REL-30	Perennial	41.24781802	-75.75844323	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	9X39	237	-	-	
			S68-T2-REL-30	Perennial	41.2480324	-75.75843663	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	123X45	3272	-	-	
			S68-T2-REL-30	Perennial	41.24780089	-75.75837402	UNT to Mill Creek	CWF	EXCAVATION	PERM	-	-	4X3	6	-	-	
			S8-T13-REL-30	Perennial	41.2475674	-75.75830213	UNT to Mill Creek	CWF	EXCAVATION	PERM	-	-	67X40	2255	-	-	
			S8-T13-REL-30	Perennial	41.24779618	-75.75837533	UNT to Mill Creek	CWF	EXCAVATION	PERM	-	-	1X1	1	-	-	
			S68-T2-REL-30	Perennial	41.24794485	-75.75832307	UNT to Mill Creek	CWF	EXCAVATION	PERM	-	-	64X40	2348	-	-	
			W16-T13-REL-30	PFO	41.24779161	-75.75835813	Wetland	EV	EXCAVATION	PERM	-	-	-	-	22X10	212	
			W16-T13-REL-30	PEM	41.24775608	-75.75830767	Wetland	EV	EXCAVATION	PERM	-	-	-	-	32X4	96	
			W16-T13-REL-30	PFO	41.24770471	-75.75835455	Wetland	EV	EXCAVATION	PERM	-	-	-	-	10X10	96	
			W16-T13-REL-30	PFO	41.24787174	-75.75836286	Wetland	EV	EXCAVATION	PERM	-	-	-	-	27X10	247	
			W16-T13-REL-30	PFO	41.24784768	-75.7584262	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	47X13	192	
			W16-T13-REL-30	PEM	41.24773144	-75.75826041	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	55X20	802	
			W16-T13-REL-30	PFO	41.24782201	-75.75847502	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	2X26	28	
			W16-T13-REL-30	PFO	41.24775167	-75.75842746	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	9X49	222	

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PADEP Permit Number	Single Complete Crossing No.	Crossing Number	Structure / Activity unique identifier	Aquatic Resource Type	Latitude dd nad 83	Longitude dd nad 83	Waters Name	PA Code Chapter 93 Designation	Work Proposed	DEP Impact Type	Watercourse Impact		Floodway Impact		Wetland Impact Dimension		
											Top of Bank to Top of Bank		Top of Bank Landward		Length and Width (in feet)	Square Feet	Length and Width (in feet)
										temp / perm	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet			
			W16-T13-REL-30	PFO	41.2479061	-75.75843393	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	25X35	526	
			S68-T2-REL-30	Perennial	41.24782555	-75.75835015	UNT to Mill Creek	CWF	EXCAVATION	TEMP	48X13	256	-	-	-	-	
			S8-T13-REL-30	Perennial	41.24773181	-75.7583606	UNT to Mill Creek	CWF	EXCAVATION	TEMP	35X33	465	-	-	-	-	
			S68-T2-REL-30	Perennial	41.24781862	-75.75833895	UNT to Mill Creek	CWF	EXCAVATION	PERM	8X24	123	-	-	-	-	
			S8-T13-REL-30	Perennial	41.24770423	-75.75831881	UNT to Mill Creek	CWF	EXCAVATION	PERM	19X36	465	-	-	-	-	
			W16-T13-REL-30	PFO	41.24776815	-75.75832576	Wetland	EV	EXCAVATION	PERM	-	-	-	-	26X6	183	
			W16-T13-REL-30	PFO	41.24767731	-75.75831892	Wetland	EV	EXCAVATION	PERM	-	-	-	-	8X7	71	
			W16-T13-REL-30	PFO	41.24784909	-75.75833576	Wetland	EV	EXCAVATION	PERM	-	-	-	-	19X4	71	
			S75-T2-REL-31	Intermittent	41.25228255	-75.75864071	UNT to Mill Creek	CWF	MATS	TEMP	10X20	119	-	-	-	-	
			S75-T2-REL-31	Intermittent	41.25225735	-75.75863518	UNT to Mill Creek	CWF	MATS	TEMP	-	-	15X20	254	-	-	
			S75-T2-REL-31	Intermittent	41.25230218	-75.758638	UNT to Mill Creek	CWF	MATS	TEMP	-	-	15X20	228	-	-	
			S75-T2-REL-31	Intermittent	41.25220652	-75.75862577	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	96X45	2249	-	-	
			S75-T2-REL-31	Intermittent	41.2524032	-75.75866031	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	82X35	2620	-	-	
			S76-T2-REL-31	Intermittent	41.25283268	-75.7588088	UNT to Mill Creek	CWF	EXCAVATION	PERM	-	-	202X46	6364	-	-	
			S75-T2-REL-31	Intermittent	41.25218359	-75.75852358	UNT to Mill Creek	CWF	EXCAVATION	PERM	-	-	53X40	1753	-	-	
			S75-T2-REL-31	Intermittent	41.25234735	-75.7585228	UNT to Mill Creek	CWF	EXCAVATION	PERM	-	-	55X40	2105	-	-	
			W150-T2-REL-31	PEM	41.25219633	-75.75844693	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	12X5	44	
			S75-T2-REL-31	Intermittent	41.25228117	-75.75863853	UNT to Mill Creek	CWF	EXCAVATION	TEMP	10X23	133	-	-	-	-	
			S75-T2-REL-31	Intermittent	41.25226687	-75.75854132	UNT to Mill Creek	CWF	EXCAVATION	PERM	4X28	122	-	-	-	-	
			S79-T2-REL-32	Intermittent	41.25442522	-75.75881421	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	79X29	1924	-	-	
			S70-T2-REL-33	Ephemeral	41.25555639	-75.75883243	UNT to Mill Creek	CWF	MATS	TEMP	30X2	54	-	-	-	-	
			S70-T2-REL-33	Ephemeral	41.25558705	-75.75886591	UNT to Mill Creek	CWF	MATS	TEMP	-	-	73X20	1357	-	-	
			S10-T13-REL-33	Ephemeral	41.25608168	-75.75919724	UNT to Mill Creek	CWF	MATS	TEMP	-	-	23X20	339	-	-	
			S10-T13-REL-33	Ephemeral	41.25568214	-75.75887052	UNT to Mill Creek	CWF	MATS	TEMP	5X20	54	-	-	-	-	
			S10-T13-REL-33	Ephemeral	41.2560731	-75.75915769	UNT to Mill Creek	CWF	MATS	TEMP	8X20	134	-	-	-	-	
			S10-T13-REL-33	Ephemeral	41.25555401	-75.7588288	UNT to Mill Creek	CWF	MATS	TEMP	-	-	7X2	16	-	-	
			S10-T13-REL-33	Ephemeral	41.25570392	-75.75887164	UNT to Mill Creek	CWF	MATS	TEMP	-	-	14X20	234	-	-	
			S10-T13-REL-33	Ephemeral	41.25606187	-75.75912032	UNT to Mill Creek	CWF	MATS	TEMP	-	-	18X20	260	-	-	
			S70-T2-REL-33	Ephemeral	41.25499478	-75.75853726	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	25X9	270	-	-	
			S71-T2-REL-33	Ephemeral	41.25498435	-75.75887538	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	171X35	5792	-	-	
			S70-T2-REL-33	Ephemeral	41.25546836	-75.75886851	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	240X60	6779	-	-	
			S10-T13-REL-33	Ephemeral	41.25580324	-75.75890663	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	341X79	8364	-	-	
			S10-T13-REL-33	Ephemeral	41.25610282	-75.75930181	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	93X46	3032	-	-	
			S71-T2-REL-33	Ephemeral	41.2549446	-75.75878167	UNT to Mill Creek	CWF	EXCAVATION	PERM	-	-	125X19	1497	-	-	
			S70-T2-REL-33	Ephemeral	41.25527412	-75.75873561	UNT to Mill Creek	CWF	EXCAVATION	PERM	-	-	82X50	3183	-	-	
			S10-T13-REL-33	Ephemeral	41.25580806	-75.75886681	UNT to Mill Creek	CWF	EXCAVATION	PERM	-	-	214X100	7710	-	-	
			S10-T13-REL-33	Ephemeral	41.25628263	-75.75947409	UNT to Mill Creek	CWF	EXCAVATION	PERM	-	-	162X51	6695	-	-	
			S70-T2-REL-33	Ephemeral	41.2555624	-75.75882575	UNT to Mill Creek	CWF	EXCAVATION	TEMP	47X2	117	-	-	-	-	

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											Top of Bank to Top of Bank		Top of Bank Landward		Length and Width		Square Feet
										temp / perm	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	
			S10-T13-REL-33	Ephemeral	41.25594717	-75.75905881	UNT to Mill Creek	CWF	EXCAVATION	TEMP	21X12	234	-	-	-	-	
			S70-T2-REL-33	Ephemeral	41.25541005	-75.75874781	UNT to Mill Creek	CWF	EXCAVATION	PERM	64X5	202	-	-	-	-	
			S10-T13-REL-33	Ephemeral	41.25598368	-75.75906096	UNT to Mill Creek	CWF	EXCAVATION	PERM	23X3	408	-	-	-	-	
			S9-T13-REL-34	Perennial	41.25681265	-75.76096755	Mill Creek	CWF	MATS	TEMP	30X19	516	-	-	-	-	
			S9-T13-REL-34	Perennial	41.25680155	-75.76095037	Mill Creek	CWF	MATS	TEMP	-	-	35X19	551	-	-	
			S9-T13-REL-34	Perennial	41.25683092	-75.76094337	Mill Creek	CWF	EXCAVATION	TEMP	-	-	226X112	6176	-	-	
			S9-T13-REL-34	Perennial	41.25685577	-75.76091081	Mill Creek	CWF	EXCAVATION	PERM	-	-	105X60	3100	-	-	
			S9-T13-REL-34	Perennial	41.25682063	-75.76096246	Mill Creek	CWF	EXCAVATION	TEMP	54X28	715	-	-	-	-	
			S9-T13-REL-34	Perennial	41.25685446	-75.76091127	Mill Creek	CWF	EXCAVATION	PERM	31X30	904	-	-	-	-	
			S15-T13-REL-35	Intermittent	41.25762264	-75.76310005	UNT to Mill Creek	CWF	MATS	TEMP	3X11	35	-	-	-	-	
			S15-T13-REL-35	Intermittent	41.25762816	-75.76306089	UNT to Mill Creek	CWF	MATS	TEMP	-	-	20X20	316	-	-	
			S15-T13-REL-35	Intermittent	41.25767038	-75.76319106	UNT to Mill Creek	CWF	MATS	TEMP	-	-	53X20	784	-	-	
			W17-T13-REL-35	PEM	41.25766223	41.25766223	Wetland	EV	MATS	TEMP	-	-	-	-	34X15	238	
			W17-T13-REL-35	PEM	41.25777308	41.25777308	Wetland	EV	MATS	TEMP	-	-	-	-	13X20	210	
			S15-T13-REL-35	Intermittent	41.25760805	-75.76300653	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	85X52	2156	-	-	
			S15-T13-REL-35	Intermittent	41.25766535	-75.76318945	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	63X54	1823	-	-	
			S15-T13-REL-35	Intermittent	41.2576742	-75.76298806	UNT to Mill Creek	CWF	EXCAVATION	PERM	-	-	50X30	1232	-	-	
			S15-T13-REL-35	Intermittent	41.25773645	-75.76312818	UNT to Mill Creek	CWF	EXCAVATION	PERM	-	-	14X10	137	-	-	
			W17-T13-REL-35	PEM	41.25777659	-75.76322723	Wetland	EV	EXCAVATION	PERM	-	-	-	-	78X20	781	
			W17-T13-REL-35	PEM	41.25776127	-75.76320445	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	139X80	2221	
			W17-T13-REL-35	PSS	41.25786122	-75.7633045	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	49X18	534	
			S15-T13-REL-35	Intermittent	41.25760531	-75.76310047	UNT to Mill Creek	CWF	EXCAVATION	TEMP	3X25	76	-	-	-	-	
			W51-T3-REL-36	PEM	41.25791429	41.25791429	Wetland	OTHER	MATS	TEMP	-	-	-	-	35X20	568	
			W51-T3-REL-36	PEM	41.25790971	-75.7638329	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	50X24	961	
			W53-T3-REL-37	PEM	41.26086596	41.26086596	Wetland	OTHER	MATS	TEMP	-	-	-	-	22X20	327	
			W53-T3-REL-37	PEM	41.26086756	-75.77118959	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	35X13	378	
			S85-T2-REL-38	Ephemeral	41.26725951	-75.77992631	UNT to Mill Creek	CWF	MATS	TEMP	6X20	86	-	-	-	-	
			S72-T2-REL-38	Ephemeral	41.26725841	-75.77993042	UNT to Mill Creek	CWF	MATS	TEMP	-	-	38X20	597	-	-	
			S72-T2-REL-38	Ephemeral	41.26727066	-75.77980738	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	117X130	5493	-	-	
			S85-T2-REL-38	Ephemeral	41.26726047	-75.77992388	UNT to Mill Creek	CWF	EXCAVATION	TEMP	5X22	86	-	-	-	-	
			S30-T2-REL-39	Perennial	41.26894765	-75.78330854	UNT to Mill Creek	CWF	MATS	TEMP	8X20	144	-	-	-	-	
			W36-T1-REL-39	PEM/PSS/PFO	41.2688253	41.2688253	Wetland	EV	MATS	TEMP	-	-	-	-	109X20	1454	
			W36b-T1-REL-39	PFO	41.26879685	41.26879685	Wetland	EV	MATS	TEMP	-	-	-	-	120X20	1930	
			S30-T2-REL-39	Perennial	41.26888963	-75.7832882	UNT to Mill Creek	CWF	MATS	TEMP	-	-	81X20	1158	-	-	
			S30-T2-REL-39	Perennial	41.26887026	-75.78300226	UNT to Mill Creek	CWF	MATS	TEMP	-	-	19X20	269	-	-	
			S30-T2-REL-39	Perennial	41.26897365	-75.78334333	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	110X63	2840	-	-	
			S30-T2-REL-39	Perennial	41.26888972	-75.78293991	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	39X20	518	-	-	
			S30-T2-REL-39	Perennial	41.2690407	-75.78322821	UNT to Mill Creek	CWF	EXCAVATION	PERM	-	-	45X40	1218	-	-	

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											Top of Bank to Top of Bank		Top of Bank Landward			
										temp / perm	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet
			S30-T2-REL-39	Perennial	41.26889101	-75.78305827	UNT to Mill Creek	CWF	EXCAVATION	PERM	-	-	35X46	1287	-	-
			W36-T1-REL-39	PEM	41.26898135	-75.78317576	Wetland	EV	EXCAVATION	PERM	-	-	-	-	15X30	398
			W36-T1-REL-39	PEM	41.26882526	-75.7831206	Wetland	EV	EXCAVATION	PERM	-	-	-	-	83X42	2335
			W163-T2-REL-39	PEM	41.26914417	-75.78326413	Wetland	EV	EXCAVATION	PERM	-	-	-	-	82X21	1465
			W36b-T1-REL-39	PFO	41.2687975	-75.78296448	Wetland	EV	EXCAVATION	PERM	-	-	-	-	17X10	148
			W36-T1-REL-39	PEM	41.26896598	-75.78326107	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	12X18	115
			W36-T1-REL-39	PEM	41.26883789	-75.78321232	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	63X19	842
			W36-T1-REL-39	PSS	41.26896534	-75.78336177	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	11X23	223
			W36b-T1-REL-39	PFO	41.26880064	-75.78278714	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	124X41	2957
			W36b-T1-REL-39	PEM	41.26875224	-75.78253935	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	44X7	185
			W36-T1-REL-39	PFO	41.26887016	-75.78334334	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	51X29	957
			S30-T2-REL-39	Perennial	41.26894032	-75.78326493	UNT to Mill Creek	CWF	EXCAVATION	TEMP	24X34	366	-	-	-	-
			S30-T2-REL-39	Perennial	41.26894415	-75.78319715	UNT to Mill Creek	CWF	EXCAVATION	PERM	20X16	196	-	-	-	-
			W36b-T1-REL-39	PFO	41.26877537	-75.782982	Wetland	EV	EXCAVATION	PERM	-	-	-	-	9X10	62
			W36b-T1-REL-39	PFO	41.26875913	-75.78299503	Wetland	EV	EXCAVATION	PERM	-	-	-	-	1X2	2
			W66-T2-REL-40	PFO	41.26984789	41.26984789	Wetland	EV	MATS	TEMP	-	-	-	-	78X20	1527
			W66-T2-REL-40	PEM	41.26992508	-75.783579	Wetland	EV	EXCAVATION	PERM	-	-	-	-	62X32	1326
			W66-T2-REL-40	PFO	41.26990942	-75.78366118	Wetland	EV	EXCAVATION	PERM	-	-	-	-	49X7	211
			W66-T2-REL-40	PFO	41.26984553	-75.78371441	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	80X35	2667
			W65-T2-REL-41	PEM	41.27548585	-75.78594243	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	30X9	217
			W65-T2-REL-41	PEM	41.27546948	-75.78598472	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	38X18	695
			S19-T1-REL-42	Intermittent	41.28126922	-75.79173027	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	-	-	103X89	4647	-	-
			S19-T1-REL-42	Intermittent	41.28134463	-75.79160112	UNT to Gardner Creek	CWF	EXCAVATION	PERM	-	-	100X91	4582	-	-
			S19-T1-REL-42	Intermittent	41.28127121	-75.79173426	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	8X45	271	-	-	-	-
			S19-T1-REL-42	Intermittent	41.28133937	-75.79160651	UNT to Gardner Creek	CWF	EXCAVATION	PERM	9X45	290	-	-	-	-
			S32-T2-REL-43	Intermittent	41.2825543	-75.79279908	UNT to Gardner Creek	CWF	MATS	TEMP	8X20	119	-	-	-	-
			S31-T2-REL-43	Intermittent	41.28267373	-75.79284943	UNT to Gardner Creek	CWF	MATS	TEMP	9X20	121	-	-	-	-
			W71-T2-REL-43	PSS	41.2826555	41.2826555	Wetland	EV	MATS	TEMP	-	-	-	-	9X10	74
			S31-T2-REL-43	Intermittent	41.28260664	-75.79282278	UNT to Gardner Creek	CWF	MATS	TEMP	-	-	34X20	563	-	-
			S32-T2-REL-43	Intermittent	41.28264711	-75.79282324	UNT to Gardner Creek	CWF	MATS	TEMP	-	-	27X18	327	-	-
			S32-T2-REL-43	Intermittent	41.28259055	-75.79281398	UNT to Gardner Creek	CWF	MATS	TEMP	-	-	22X20	434	-	-
			S32-T2-REL-43	Intermittent	41.28264636	-75.79281714	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	-	-	28X21	415	-	-
			S32-T2-REL-43	Intermittent	41.28246852	-75.79278366	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	-	-	64X34	2266	-	-
			S32-T2-REL-43	Intermittent	41.28270671	-75.79315436	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	-	-	0.06X9	1	-	-
			S32-T2-REL-43	Intermittent	41.28273073	-75.79312978	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	-	-	0.3X10	3	-	-
			S32-T2-REL-43	Intermittent	41.2827499	-75.79310122	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	-	-	0.1X7	1	-	-
			S32-T2-REL-43	Intermittent	41.28276183	-75.79307382	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	-	-	0.01X7	1	-	-
			S32-T2-REL-43	Intermittent	41.28276954	-75.79304686	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	-	-	0.12X5	0	-	-

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DEP USE ONLY			Project Information								PADEP / 105						
PADEP Permit Number	Single Complete Crossing No.	Crossing Number	Structure / Activity unique identifier	Aquatic Resource Type	Latitude dd nad 83	Longitude dd nad 83	Waters Name	PA Code Chapter 93 Designation	Work Proposed	DEP Impact Type	Watercourse Impact		Floodway Impact		Wetland Impact Dimension		
											Top of Bank to Top of Bank		Top of Bank Landward		Length and Width		Square Feet
										temp / perm	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	
			S31-T2-REL-43	Intermittent	41.28274636	-75.792893	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	-	-	50X35	1802	-	-	
			S32-T2-REL-43	Intermittent	41.28259133	-75.79281729	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	-	-	22X32	587	-	-	
			S32-T2-REL-43	Intermittent	41.28240729	-75.79254818	UNT to Gardner Creek	CWF	EXCAVATION	PERM	-	-	13X3	37	-	-	
			S32-T2-REL-43	Intermittent	41.2826465	-75.79274838	UNT to Gardner Creek	CWF	EXCAVATION	PERM	-	-	37X19	676	-	-	
			S31-T2-REL-43	Intermittent	41.28269587	-75.79266929	UNT to Gardner Creek	CWF	EXCAVATION	PERM	-	-	22X8	164	-	-	
			S32-T2-REL-43	Intermittent	41.28243963	-75.79266383	UNT to Gardner Creek	CWF	EXCAVATION	PERM	-	-	70X24	1425	-	-	
			S31-T2-REL-43	Intermittent	41.28278648	-75.7927764	UNT to Gardner Creek	CWF	EXCAVATION	PERM	-	-	51X39	1552	-	-	
			S32-T2-REL-43	Intermittent	41.28256862	-75.79271477	UNT to Gardner Creek	CWF	EXCAVATION	PERM	-	-	28X19	450	-	-	
			W37-T1-REL-43	PEM	41.28256933	-75.79264086	Wetland	EV	EXCAVATION	PERM	-	-	-	-	281X38	3727	
			W71-T2-REL-43	PSS	41.28266929	-75.79288426	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	4X19	44	
			W71-T2-REL-43	PSS	41.28263677	-75.79287072	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	10X13	108	
			S32-T2-REL-43	Intermittent	41.28255259	-75.79279152	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	7X26	136	-	-	-	-	
			S31-T2-REL-43	Intermittent	41.28267787	-75.79284607	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	7X23	138	-	-	-	-	
			S32-T2-REL-43	Intermittent	41.28253408	-75.79270345	UNT to Gardner Creek	CWF	EXCAVATION	PERM	8X30	122	-	-	-	-	
			S31-T2-REL-43	Intermittent	41.28270002	-75.7927764	UNT to Gardner Creek	CWF	EXCAVATION	PERM	5X16	94	-	-	-	-	
			S33-T2-REL-44	Ephemeral	41.28319967	-75.79307581	UNT to Gardner Creek	CWF	MATS	TEMP	7X8	49	-	-	-	-	
			S33-T2-REL-44	Ephemeral	41.2832136	-75.7930556	UNT to Gardner Creek	CWF	MATS	TEMP	-	-	38X20	717	-	-	
			S33-T2-REL-44	Ephemeral	41.28320369	-75.7930767	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	-	-	108X35	3125	-	-	
			S33-T2-REL-44	Ephemeral	41.28322063	-75.79296727	UNT to Gardner Creek	CWF	EXCAVATION	PERM	-	-	95X42	3079	-	-	
			S33-T2-REL-44	Ephemeral	41.28319936	-75.79307581	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	7X7	49	-	-	-	-	
			S8-T3-REL-45	Perennial	41.28488311	-75.79370558	Gardner Creek	CWF	MATS	TEMP	22X20	433	-	-	-	-	
			S8-T3-REL-45	Perennial	41.28488596	-75.79370583	Gardner Creek	CWF	MATS	TEMP	-	-	28X20	494	-	-	
			S8-T3-REL-45	Perennial	41.28487381	-75.79371849	Gardner Creek	CWF	EXCAVATION	TEMP	-	-	105X72	3692	-	-	
			S8-T3-REL-45	Perennial	41.28493833	-75.79357381	Gardner Creek	CWF	EXCAVATION	PERM	-	-	103X110	5597	-	-	
			W74-T2-REL-45	PEM	41.28442084	-75.79337202	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	46X29	961	
			W75-T2-REL-45	PEM	41.28459458	-75.7934436	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	22X28	599	
			S8-T3-REL-45	Perennial	41.28488171	-75.79370914	Gardner Creek	CWF	EXCAVATION	TEMP	21X29	611	-	-	-	-	
			S8-T3-REL-45	Perennial	41.28493534	-75.79358712	Gardner Creek	CWF	EXCAVATION	PERM	25X45	1061	-	-	-	-	
			S17-T1-REL-46	Ephemeral	41.28642056	-75.79684831	UNT to Gardner Creek	CWF	MATS	TEMP	7X20	121	-	-	-	-	
			S17-T1-REL-46	Ephemeral	41.28642521	-75.79685135	UNT to Gardner Creek	CWF	MATS	TEMP	-	-	39X20	590	-	-	
			S17-T1-REL-46	Ephemeral	41.28639634	-75.79681604	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	-	-	215X103	5096	-	-	
			S17-T1-REL-46	Ephemeral	41.28650844	-75.79680921	UNT to Gardner Creek	CWF	EXCAVATION	PERM	-	-	117X97	4188	-	-	
			W1-T10-REL-46	PSS	41.28621045	-75.7967139	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	4X1	2	
			S17-T1-REL-46	Ephemeral	41.28642534	-75.79684642	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	7X26	139	-	-	-	-	
			S17-T1-REL-46	Ephemeral	41.28650331	-75.79681094	UNT to Gardner Creek	CWF	EXCAVATION	PERM	7X31	180	-	-	-	-	
			S81-T2-REL-47	Perennial	41.28714728	-75.7978643	UNT to Gardner Creek	CWF	MATS	TEMP	9X20	141	-	-	-	-	
			W2-T10-REL-47	PFO	41.28709372	41.28709372	Wetland	EV	MATS	TEMP	-	-	-	-	18X20	361	
			S81-T2-REL-47	Perennial	41.28706383	-75.79773744	UNT to Gardner Creek	CWF	MATS	TEMP	-	-	17X20	291	-	-	

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PADEP Permit Number	Single Complete Crossing No.	Crossing Number	Structure / Activity unique identifier	Aquatic Resource Type	Latitude dd nad 83	Longitude dd nad 83	Waters Name	PA Code Chapter 93 Designation	Work Proposed	DEP Impact Type	Watercourse Impact		Floodway Impact		Wetland Impact Dimension		
											Top of Bank to Top of Bank		Top of Bank Landward		Length and Width (in feet)	Square Feet	Length and Width (in feet)
										temp / perm	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet			
			S81-T2-REL-47	Perennial	41.28712336	-75.79783332	UNT to Gardner Creek	CWF	MATS	TEMP	-	-	20X20	359	-	-	
			S81-T2-REL-47	Perennial	41.28716506	-75.79789056	UNT to Gardner Creek	CWF	MATS	TEMP	-	-	15X20	241	-	-	
			S81-T2-REL-47	Perennial	41.28706263	-75.79769772	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	-	-	56X52	1305	-	-	
			S81-T2-REL-47	Perennial	41.28712187	-75.79782701	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	-	-	32X51	788	-	-	
			S81-T2-REL-47	Perennial	41.28721513	-75.79787932	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	-	-	116X73	3637	-	-	
			S81-T2-REL-47	Perennial	41.28709105	-75.79761331	UNT to Gardner Creek	CWF	EXCAVATION	PERM	-	-	28X31	876	-	-	
			S81-T2-REL-47	Perennial	41.28715358	-75.79771316	UNT to Gardner Creek	CWF	EXCAVATION	PERM	-	-	12X37	423	-	-	
			S81-T2-REL-47	Perennial	41.28723253	-75.79784509	UNT to Gardner Creek	CWF	EXCAVATION	PERM	-	-	65X30	1848	-	-	
			W2-T10-REL-47	PFO	41.28711885	-75.79771636	Wetland	EV	EXCAVATION	PERM	-	-	-	-	18X10	184	
			W160-T2-REL-47	PFO	41.28750717	-75.79831972	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	16X7	94	
			W2-T10-REL-47	PFO	41.28710125	-75.79775797	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	36X50	801	
			S81-T2-REL-47	Perennial	41.28714819	-75.79784275	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	12X50	300	-	-	-	-	
			S81-T2-REL-47	Perennial	41.28717195	-75.79774951	UNT to Gardner Creek	CWF	EXCAVATION	PERM	7X38	251	-	-	-	-	
			W2-T10-REL-47	PFO	41.287138	-75.79763317	Wetland	EV	EXCAVATION	PERM	-	-	-	-	10X11	101	
			W2-T10-REL-47	PFO	41.2871291	-75.79767655	Wetland	EV	EXCAVATION	PERM	-	-	-	-	16X10	151	
			S4-T5-REL-48	Ephemeral	41.28760064	-75.79927258	UNT to Gardner Creek	CWF	MATS	TEMP	26X20	382	-	-	-	-	
			S4-T5-REL-48	Ephemeral	41.28760253	-75.79929275	UNT to Gardner Creek	CWF	MATS	TEMP	-	-	47X20	746	-	-	
			S4-T5-REL-48	Ephemeral	41.28772891	-75.79935544	UNT to Gardner Creek	CWF	EXCAVATION	PERM	-	-	163X67	9034	-	-	
			S4a-T5-REL-48	Ephemeral	41.28785	-75.79993657	UNT to Gardner Creek	CWF	EXCAVATION	PERM	-	-	125X70	8337	-	-	
			S4-T5-REL-48	Ephemeral	41.2875859	-75.79926208	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	19X35	696	-	-	-	-	
			S4a-T5-REL-48	Ephemeral	41.28789031	-75.79996174	UNT to Gardner Creek	CWF	EXCAVATION	PERM	62X9	385	-	-	-	-	
			S4-T5-REL-48	Ephemeral	41.28768378	-75.79939138	UNT to Gardner Creek	CWF	EXCAVATION	PERM	53X6	279	-	-	-	-	
			S4a-T5-REL-48	Ephemeral	41.28771963	-75.79991948	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	-	-	215X108	1705	-	-	
			S4-T5-REL-48	Ephemeral	41.28754152	-75.79924164	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	-	-	292X181	97	-	-	
			S4-T5-REL-48	Ephemeral	41.28751628	-75.79909711	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	-	-	292X181	3269	-	-	
			S4-T5-REL-48	Ephemeral	41.28758813	-75.79946503	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	-	-	292X181	4763	-	-	
			S5-T5-REL-49	Ephemeral	41.28902067	-75.80189802	UNT to Gardner Creek	CWF	MATS	TEMP	7X20	142	-	-	-	-	
			S6-T5-REL-49	Ephemeral	41.2892618	-75.80246971	UNT to Gardner Creek	CWF	MATS	TEMP	13X20	237	-	-	-	-	
			S6-T5-REL-49	Ephemeral	41.28928332	-75.80249888	UNT to Gardner Creek	CWF	MATS	TEMP	-	-	18X20	267	-	-	
			S5-T5-REL-49	Ephemeral	41.28901398	-75.80186142	UNT to Gardner Creek	CWF	MATS	TEMP	-	-	40X20	435	-	-	
			S6-T5-REL-49	Ephemeral	41.28903478	-75.80194868	UNT to Gardner Creek	CWF	MATS	TEMP	-	-	45X20	632	-	-	
			S6-T5-REL-49	Ephemeral	41.28924302	-75.80243186	UNT to Gardner Creek	CWF	MATS	TEMP	-	-	17X20	269	-	-	
			S6-T5-REL-49	Ephemeral	41.28907956	-75.80214978	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	-	-	202X68	9377	-	-	
			S5-T5-REL-49	Ephemeral	41.28878587	-75.80161685	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	-	-	152X66	8459	-	-	
			S6-T5-REL-49	Ephemeral	41.28920841	-75.80219067	UNT to Gardner Creek	CWF	EXCAVATION	PERM	-	-	134X19	1586	-	-	
			S6-T5-REL-49	Ephemeral	41.28924359	-75.802092	UNT to Gardner Creek	CWF	EXCAVATION	PERM	-	-	290X38	10927	-	-	
			S5-T5-REL-49	Ephemeral	41.28898842	-75.80173293	UNT to Gardner Creek	CWF	EXCAVATION	PERM	-	-	151X36	2277	-	-	
			W76-T2-REL-49	PEM	41.28933773	-75.80241206	Wetland	EV	EXCAVATION	PERM	-	-	-	-	7X5	29	

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											Top of Bank to Top of Bank		Top of Bank Landward			
										temp / perm	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet
			W76-T2-REL-49	PEM	41.28937337	-75.80241079	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	11X21	186
			S5-T5-REL-49	Ephemeral	41.28895189	-75.80187069	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	57X4	392	-	-	-	-
			S5-T5-REL-49	Ephemeral	41.28911916	-75.80199196	UNT to Gardner Creek	CWF	EXCAVATION	PERM	27X3	68	-	-	-	-
			S6-T5-REL-49	Ephemeral	41.2892178	-75.80211449	UNT to Gardner Creek	CWF	EXCAVATION	PERM	156X13	1163	-	-	-	-
			S6-T5-REL-49	Ephemeral	41.28930793	-75.80268584	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	-	-	336X80	3151	-	-
			S6-T5-REL-49	Ephemeral	41.28926366	-75.80246419	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	51X29	263	-	-	-	-
			S34-T2-REL-50	Ephemeral	41.29015808	-75.80377173	UNT to Gardner Creek	CWF	MATS	TEMP	4X20	85	-	-	-	-
			S34-T2-REL-50	Ephemeral	41.29015881	-75.8037739	UNT to Gardner Creek	CWF	MATS	TEMP	-	-	27X20	474	-	-
			S34-T2-REL-50	Ephemeral	41.29014512	-75.80377224	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	-	-	226X136	5989	-	-
			S34-T2-REL-50	Ephemeral	41.29010639	-75.80385048	UNT to Gardner Creek	CWF	EXCAVATION	PERM	-	-	101X100	4071	-	-
			S34-T2-REL-50	Ephemeral	41.29014191	-75.80379329	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	13X46	235	-	-	-	-
			S34-T2-REL-50	Ephemeral	41.29010382	-75.80385381	UNT to Gardner Creek	CWF	EXCAVATION	PERM	5X30	141	-	-	-	-
			W46-T2-REL-51	PSS	41.29370775	-75.80826089	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	8X8	59
			W23-T1-REL-52	PEM	41.29480533	41.29480533	Wetland	EV	MATS	TEMP	-	-	-	-	23X20	444
			W23-T1-REL-52	PEM	41.29485725	-75.80994703	Wetland	EV	EXCAVATION	PERM	-	-	-	-	27X10	256
			W23-T1-REL-52	PEM	41.29482842	-75.80999174	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	48X65	1516
			S6-T1-REL-53	Intermittent	41.2951397	-75.81038316	UNT to Gardner Creek	CWF	MATS	TEMP	5X20	82	-	-	-	-
			S6-T1-REL-53	Intermittent	41.29513601	-75.8103769	UNT to Gardner Creek	CWF	MATS	TEMP	-	-	34X20	683	-	-
			S6-T1-REL-53	Intermittent	41.29517599	-75.81041687	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	-	-	108X93	6872	-	-
			S6-T1-REL-53	Intermittent	41.29520605	-75.81020173	UNT to Gardner Creek	CWF	EXCAVATION	PERM	-	-	101X40	3278	-	-
			S6-T1-REL-53	Intermittent	41.29516041	-75.81035386	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	6X34	216	-	-	-	-
			S9-T3-REL-54	Intermittent	41.30172388	-75.81229423	UNT to Susquehanna River	WWF	MATS	TEMP	8X20	147	-	-	-	-
			S9-T3-REL-54	Intermittent	41.30172082	-75.81228029	UNT to Susquehanna River	WWF	MATS	TEMP	-	-	59X20	828	-	-
			S9-T3-REL-54	Intermittent	41.30172097	-75.81226653	UNT to Susquehanna River	WWF	EXCAVATION	TEMP	-	-	306X155	8390	-	-
			S9-T3-REL-54	Intermittent	41.30176784	-75.81215296	UNT to Susquehanna River	WWF	EXCAVATION	PERM	-	-	147X80	4705	-	-
			S9-T3-REL-54	Intermittent	41.3017258	-75.81228618	UNT to Susquehanna River	WWF	EXCAVATION	TEMP	6X40	168	-	-	-	-
			S9-T3-REL-54	Intermittent	41.30176149	-75.81213377	UNT to Susquehanna River	WWF	EXCAVATION	PERM	6X44	203	-	-	-	-
			W20-T3-REL-55	PEM/PFO	41.30357204	41.30357204	Wetland	OTHER	MATS	TEMP	-	-	-	-	78X20	1148
			W20-T3-REL-55	PEM	41.30346475	-75.81761892	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	46X10	450
			W20-T3-REL-55	PEM	41.30349077	-75.81750171	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	227X62	3375
			W20-T3-REL-55	PEM	41.30364633	-75.81743517	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	26X30	45
			W20-T3-REL-55	PFO	41.30362508	-75.81737751	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	42X29	778
			S4-T3-REL-56	Ephemeral	41.30391038	-75.82352747	UNT to Susquehanna River	WWF	EXCAVATION	TEMP	-	-	77X10	776	-	-
			S4-T3-REL-56	Ephemeral	41.30394129	-75.82349347	UNT to Susquehanna River	WWF	EXCAVATION	PERM	-	-	116X32	3057	-	-
			W12-T1-REL-57	PFO	41.30862951	41.30862951	Wetland	OTHER	MATS	TEMP	-	-	-	-	127X100	7975
			S1-T5-REL-57	Perennial	41.3084979	-75.82797737	Susquehanna River	WWF	MATS	TEMP	-	-	52X79	2840	-	-
			S1-T5-REL-57	Perennial	41.30861288	-75.8278755	Susquehanna River	WWF	MATS	TEMP	-	-	19X9	112	-	-
			S1-T5-REL-57	Perennial	41.30579198	-75.82523968	Susquehanna River	WWF	EXCAVATION	TEMP	-	-	60X60	1615	-	-



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PADEP Permit Number	Single Complete Crossing No.	Crossing Number	Structure / Activity unique identifier	Aquatic Resource Type	Latitude dd nad 83	Longitude dd nad 83	Waters Name	PA Code Chapter 93 Designation	Work Proposed	DEP Impact Type	Watercourse Impact		Floodway Impact		Wetland Impact Dimension		
											Top of Bank to Top of Bank		Top of Bank Landward		Length and Width (in feet)	Square Feet	Length and Width (in feet)
										temp / perm	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet			
			S1-T5-REL-57	Perennial	41.30797373	-75.82773225	Susquehanna River	WWF	EXCAVATION	TEMP	-	-	1065X400	126225	-	-	
			S1-T5-REL-57	Perennial	41.30861289	-75.82787381	Susquehanna River	WWF	EXCAVATION	TEMP	-	-	21X11	160	-	-	
			S1-T5-REL-57	Perennial	41.30575499	-75.82530245	Susquehanna River	WWF	EXCAVATION	PERM	-	-	27X30	849	-	-	
			S1-T5-REL-57	Perennial	41.30789524	-75.82785475	Susquehanna River	WWF	EXCAVATION	PERM	-	-	621X30	18697	-	-	
			W12-T1-REL-57	PFO	41.30863725	-75.82806887	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	126X105	8252	
			S1-T5-REL-57	Perennial	41.30668155	-75.82611877	Susquehanna River	WWF	EXCAVATION	TEMP	1565X55	43106	-	-	-	-	
			S1-T5-REL-57	Perennial	41.30663991	-75.82620012	Susquehanna River	WWF	EXCAVATION	PERM	783X30	23509	-	-	-	-	
			W61-T1-REL-58	PFO	41.30752306	-75.8315886	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	6X10	66	
			W61-T1-REL-58	PFO	41.30756608	-75.83163356	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	6X10	59	
			W61-T1-REL-58	PFO	41.30754457	-75.83161138	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	6X10	64	
			W61-T1-REL-58	PFO	41.30751061	-75.83157842	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	6X1	4	
			W62-T1-REL-59	PFO	41.30711841	-75.83229288	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	5X9	37	
			W62-T1-REL-59	PFO	41.30714102	-75.83231357	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	8X10	71	
			W5-T5-REL-60	PEM	41.30422637	-75.83903064	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	35X10	351	
			W5-T5-REL-60	PEM	41.30426064	-75.83899727	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	66X28	1081	
			W11-T3-REL-61	PFO	41.30383089	41.30383089	Wetland	OTHER	MATS	TEMP	-	-	-	-	40X20	681	
			S1-T5-REL-61	Perennial	41.30388045	-75.84646174	Susquehanna River	WWF	MATS	TEMP	-	-	14X20	227	-	-	
			S1-T5-REL-61	Perennial	41.30378282	-75.84635617	Susquehanna River	WWF	MATS	TEMP	-	-	17X20	247	-	-	
			S1-T5-REL-61	Perennial	41.30416101	-75.84595426	Susquehanna River	WWF	EXCAVATION	TEMP	-	-	184X167	5956	-	-	
			S1-T5-REL-61	Perennial	41.30395875	-75.8444717	Susquehanna River	WWF	EXCAVATION	TEMP	-	-	2116X253	113335	-	-	
			S1-T5-REL-61	Perennial	41.3039347	-75.84639459	Susquehanna River	WWF	EXCAVATION	PERM	-	-	28X30	806	-	-	
			S1-T5-REL-61	Perennial	41.30408771	-75.84424031	Susquehanna River	WWF	EXCAVATION	PERM	-	-	1103X230	43455	-	-	
			W11-T3-REL-61	PFO	41.30387113	-75.84632074	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	35X10	350	
			W11-T3-REL-61	PFO	41.30384865	-75.84637527	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	81X42	1438	
			W11-T3-REL-61	PEM	41.3040786	-75.84559763	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	7X19	142	
			W11-T3-REL-61	PFO	41.30388549	-75.84628895	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	32X10	356	
			W11-T3-REL-61	PFO	41.3038563	-75.84635209	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	34X10	340	
			W25-T2-REL-62	PEM	41.30577849	41.30577849	Wetland	OTHER	MATS	TEMP	-	-	-	-	14X20	274	
			S14-T2-REL-62	Perennial	41.30597426	-75.849696	Abrahams Creek	CWF	EXCAVATION	TEMP	-	-	125X51	3627	-	-	
			W25-T2-REL-62	PEM	41.30582755	-75.84934965	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	13X10	136	
			W25-T2-REL-62	PEM	41.3058269	-75.84935375	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	16X161	1039	
			S14-T2-REL-63	Perennial	41.30766522	-75.84831558	Abrahams Creek	CWF	MATS	TEMP	54X20	1075	-	-	-	-	
			S14-T2-REL-63	Perennial	41.30774369	-75.84840505	Abrahams Creek	CWF	MATS	TEMP	-	-	35X20	547	-	-	
			S14-T2-REL-63	Perennial	41.30758204	-75.84822249	Abrahams Creek	CWF	MATS	TEMP	-	-	39X20	548	-	-	
			S14-T2-REL-63	Perennial	41.30774739	-75.84840974	Abrahams Creek	CWF	EXCAVATION	TEMP	-	-	35X18	517	-	-	
			S14-T2-REL-63	Perennial	41.30755483	-75.84815157	Abrahams Creek	CWF	EXCAVATION	TEMP	-	-	73X16	781	-	-	
			S14-T2-REL-63	Perennial	41.30776514	-75.84854487	Abrahams Creek	CWF	EXCAVATION	PERM	-	-	23X53	742	-	-	
			S14-T2-REL-63	Perennial	41.30750522	-75.84823907	Abrahams Creek	CWF	EXCAVATION	PERM	-	-	107X40	4589	-	-	

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											Top of Bank to Top of Bank		Top of Bank Landward		Length and Width (in feet)	Square Feet	Length and Width (in feet)
										temp / perm	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet			
			S14-T2-REL-63	Perennial	41.30766218	-75.84829879	Abrahams Creek	CWF	EXCAVATION	TEMP	52X16	801	-	-	-	-	
			S14-T2-REL-63	Perennial	41.3076864	-75.84844985	Abrahams Creek	CWF	EXCAVATION	PERM	60X39	1801	-	-	-	-	
			S14-T2-REL-63	Perennial	41.30738286	-75.84830596	Abrahams Creek	CWF	EXCAVATION	TEMP	-	-	107X40	32	-	-	
			W26-T2-REL-64	PEM	41.30875964	41.30875964	Wetland	OTHER	MATS	TEMP	-	-	-	-	5X5	18	
			W26-T2-REL-64	PEM	41.30877331	-75.84994038	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	113X30	2858	
			W27-T2-REL-64	PEM	41.30849863	-75.84958205	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	62X30	1201	
			W26-T2-REL-64	PEM	41.30877536	-75.84983576	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	49X18	370	
			W27-T2-REL-64	PEM	41.30854242	-75.84954567	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	19X16	37	
			W30-T2-REL-65	PSS	41.30946718	41.30946718	Wetland	OTHER	MATS	TEMP	-	-	-	-	58X20	998	
			W30-T2-REL-65	PSS	41.30946045	-75.85084592	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	36X11	328	
			W30-T2-REL-65	PSS	41.3094689	-75.85097042	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	56X45	2081	
			W32-T2-REL-66	PEM	41.31010105	41.31010105	Wetland	OTHER	MATS	TEMP	-	-	-	-	2X1	1	
			W31-T2-REL-66	PEM	41.31003417	41.31003417	Wetland	OTHER	MATS	TEMP	-	-	-	-	13X20	243	
			W32-T2-REL-66	PEM	41.31012761	-75.8514902	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	26X20	275	
			W32-T2-REL-66	PEM	41.31011644	-75.85152185	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	25X19	187	
			W31-T2-REL-66	PEM	41.31003502	-75.85154548	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	58X8	416	
			W14-T3-REL-67	PEM	41.31060515	41.31060515	Wetland	OTHER	MATS	TEMP	-	-	-	-	23X16	272	
			W33-T2-REL-67	PEM	41.31075628	41.31075628	Wetland	OTHER	MATS	TEMP	-	-	-	-	31X20	360	
			W33-T2-REL-67	PEM	41.31070957	-75.85198284	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	6X0.5	2	
			W14-T3-REL-67	PEM	41.31061072	-75.85179074	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	23X28	434	
			W33-T2-REL-67	PEM	41.31075365	-75.85196696	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	30X24	433	
			S15-T2-REL-68	Intermittent	41.31284231	-75.85430523	UNT to Abrahams Creek	CWF	MATS	TEMP	24X20	452	-	-	-	-	
			S15-T2-REL-68	Intermittent	41.31283873	-75.8543102	UNT to Abrahams Creek	CWF	MATS	TEMP	-	-	95X20	1465	-	-	
			W15-T3-REL-68	PFO	41.31121582	41.31121582	Wetland	OTHER	MATS	TEMP	-	-	-	-	28X5	109	
			W15-T3-REL-68	PFO/PSS/PEM	41.31215102	41.31215102	Wetland	OTHER	MATS	TEMP	-	-	-	-	564X20	10274	
			S15-T2-REL-68	Intermittent	41.31314937	-75.85468537	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	-	-	338X76	11783	-	-	
			S15-T2-REL-68	Intermittent	41.31296174	-75.8543524	UNT to Abrahams Creek	CWF	EXCAVATION	PERM	-	-	88X36	1416	-	-	
			S15-T2-REL-68	Intermittent	41.31237974	-75.85365729	UNT to Abrahams Creek	CWF	EXCAVATION	PERM	-	-	248X29	3287	-	-	
			S15-T2-REL-68	Intermittent	41.31280829	-75.85404313	UNT to Abrahams Creek	CWF	EXCAVATION	PERM	-	-	18X7	94	-	-	
			W15-T3-REL-68	PFO	41.31121047	-75.85261016	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	51X10	477	
			W15-T3-REL-68	PEM	41.31154257	-75.85284048	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	445X30	11251	
			W15-T3-REL-68	PEM	41.31256398	-75.85386827	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	200X27	3847	
			W15-T3-REL-68	PEM	41.31291724	-75.85420179	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	103X32	2430	
			W15-T3-REL-68	PEM	41.31276859	-75.85412497	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	16X3	26	
			W15-T3-REL-68	PFO	41.31222385	-75.85369368	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	483X25	11510	
			W15-T3-REL-68	PFO	41.31123248	-75.85267009	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	41X12	237	
			W15-T3-REL-68	PSS	41.31158545	-75.85307485	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	57X27	971	
			W15-T3-REL-68	PEM	41.3114108	-75.85281964	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	20X20	483	

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											Top of Bank to Top of Bank		Top of Bank Landward		Length and Width		Square Feet
										temp / perm	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	
			W15-T3-REL-68	PEM	41.31245226	-75.85382951	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	108X8	608	
			W15-T3-REL-68	PEM	41.31265723	-75.85404221	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	134X4	334	
			S15-T2-REL-68	Intermittent	41.31284875	-75.85432936	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	22X57	774	-	-	-	-	
			S15a-T2-REL-68	Intermittent	41.31258097	-75.85396404	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	114X6	493	-	-	-	-	
			S15-T2-REL-68	Intermittent	41.31280472	-75.85412693	UNT to Abrahams Creek	CWF	EXCAVATION	PERM	23X68	981	-	-	-	-	
			S15a-T2-REL-68	Intermittent	41.31271677	-75.85406162	UNT to Abrahams Creek	CWF	EXCAVATION	PERM	73X10	381	-	-	-	-	
			W15-T3-REL-68	PFO	41.3113772	-75.8527739	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	53X10	446	
			W15-T3-REL-68	PFO	41.31125179	-75.85262226	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	100X3	357	
			W15-T3-REL-68	PFO	41.31270396	-75.85409821	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	101X6	430	
			W15-T3-REL-68	PFO	41.31190298	-75.85329569	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	150X10	1508	
			W15-T3-REL-68	PFO	41.31228388	-75.85367579	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	134X10	967	
			W15-T3-REL-68	PFO	41.31193748	-75.85328019	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	150X14	1764	
			W15-T3-REL-68	PFO	41.31223433	-75.85359127	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	52X6	188	
			S15c-T2-REL-69	Perennial	41.31573953	-75.85773214	UNT to Abrahams Creek	CWF	MATS	TEMP	10X20	183	-	-	-	-	
			S15c-T2-REL-69	Perennial	41.31572779	-75.85770085	UNT to Abrahams Creek	CWF	MATS	TEMP	-	-	11X20	211	-	-	
			S15c-T2-REL-69	Perennial	41.31575152	-75.85776423	UNT to Abrahams Creek	CWF	MATS	TEMP	-	-	11X20	221	-	-	
			S15c-T2-REL-69	Perennial	41.31571677	-75.85762567	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	-	-	50X35	1757	-	-	
			S15c-T2-REL-69	Perennial	41.31578895	-75.85782998	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	-	-	60X35	1867	-	-	
			S15c-T2-REL-69	Perennial	41.31562436	-75.85769107	UNT to Abrahams Creek	CWF	EXCAVATION	PERM	-	-	56X40	2087	-	-	
			S15c-T2-REL-69	Perennial	41.3156946	-75.85788987	UNT to Abrahams Creek	CWF	EXCAVATION	PERM	-	-	50X40	2009	-	-	
			S15c-T2-REL-69	Perennial	41.31575449	-75.85772349	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	13X35	352	-	-	-	-	
			S15c-T2-REL-69	Perennial	41.3156668	-75.85778721	UNT to Abrahams Creek	CWF	EXCAVATION	PERM	9X35	317	-	-	-	-	
			S15b-T2-REL-70	Perennial	41.31720936	-75.86251684	UNT to Abrahams Creek	CWF	EXCAVATION	PERM	-	-	127X56	3324	-	-	
			W49-T2-REL-71	PEM	41.31784555	-75.86458547	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	121X12	3648	
			W49-T2-REL-71	PEM	41.31778079	-75.86457121	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	23X11	154	
			W48-T2-REL-72	PEM	41.31837409	-75.86615463	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	57X24	1048	
			W60-T2-REL-73	PEM	41.32199276	41.32199276	Wetland	OTHER	MATS	TEMP	-	-	-	-	72X20	1161	
			W60-T2-REL-73	PEM	41.32192038	-75.87270921	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	30X10	179	
			W60-T2-REL-73	PEM	41.32199343	-75.87266392	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	79X47	2614	
			S29-T2-REL-74	Intermittent	41.32270879	-75.8740426	UNT to Abrahams Creek	CWF	MATS	TEMP	6X20	114	-	-	-	-	
			S29-T2-REL-74	Intermittent	41.32271115	-75.87404764	UNT to Abrahams Creek	CWF	MATS	TEMP	-	-	36X20	588	-	-	
			S29-T2-REL-74	Intermittent	41.32270364	-75.87408385	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	-	-	262X91	5685	-	-	
			S29-T2-REL-74	Intermittent	41.32268455	-75.87417564	UNT to Abrahams Creek	CWF	EXCAVATION	PERM	-	-	262X63	3957	-	-	
			S29-T2-REL-74	Intermittent	41.32270716	-75.87404835	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	5X27	129	-	-	-	-	
			S29-T2-REL-74	Intermittent	41.32267937	-75.87416385	UNT to Abrahams Creek	CWF	EXCAVATION	PERM	6X44	184	-	-	-	-	
			S26-T2-REL-75	Perennial	41.32248656	-75.87817271	UNT to Abrahams Creek	CWF	MATS	TEMP	5X20	104	-	-	-	-	
			S26-T2-REL-75	Perennial	41.3224759	-75.87814663	UNT to Abrahams Creek	CWF	MATS	TEMP	-	-	12X20	235	-	-	
			S26-T2-REL-75	Perennial	41.32249505	-75.87819812	UNT to Abrahams Creek	CWF	MATS	TEMP	-	-	10X20	203	-	-	

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 Aquatic Resource Impact Table  
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PADEP Permit Number	Single Complete Crossing No.	Crossing Number	Structure / Activity unique identifier	Aquatic Resource Type	Latitude dd nad 83	Longitude dd nad 83	Waters Name	PA Code Chapter 93 Designation	Work Proposed	DEP Impact Type	Watercourse Impact		Floodway Impact		Wetland Impact Dimension		
											Top of Bank to Top of Bank		Top of Bank Landward		Length and Width (in feet)	Square Feet	Length and Width (in feet)
										temp / perm	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet			
			S26-T2-REL-75	Perennial	41.32244478	-75.87808973	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	-	-	50X35	1773	-	-	
			S26-T2-REL-75	Perennial	41.32250644	-75.878279	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	-	-	52X35	1819	-	-	
			S26-T2-REL-75	Perennial	41.32252908	-75.87800455	UNT to Abrahams Creek	CWF	EXCAVATION	PERM	-	-	49X40	2003	-	-	
			S26-T2-REL-75	Perennial	41.32259804	-75.87821129	UNT to Abrahams Creek	CWF	EXCAVATION	PERM	-	-	52X40	1887	-	-	
			W54-T2-REL-75	PEM	41.3225716	-75.87813005	Wetland	EV	EXCAVATION	PERM	-	-	-	-	31X8	153	
			W54-T2-REL-75	PEM	41.3225707	-75.87808249	Wetland	EV	EXCAVATION	PERM	-	-	-	-	7X30	155	
			S26-T2-REL-75	Perennial	41.32249064	-75.87816993	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	5X23	121	-	-	-	-	
			S26-T2-REL-75	Perennial	41.32255203	-75.87812394	UNT to Abrahams Creek	CWF	EXCAVATION	PERM	6X30	165	-	-	-	-	
			S24-T2-REL-76	Ephemeral	41.32287111	-75.87933019	UNT to Abrahams Creek	CWF	MATS	TEMP	6X20	48	-	-	-	-	
			S24-T2-REL-76	Ephemeral	41.32285542	-75.8793074	UNT to Abrahams Creek	CWF	MATS	TEMP	-	-	22X20	353	-	-	
			S24-T2-REL-76	Ephemeral	41.32288026	-75.87935876	UNT to Abrahams Creek	CWF	MATS	TEMP	-	-	17X20	266	-	-	
			S24-T2-REL-76	Ephemeral	41.32279678	-75.87911359	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	-	-	150X45	5283	-	-	
			S24-T2-REL-76	Ephemeral	41.32288988	-75.8794273	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	-	-	73X45	2131	-	-	
			S24-T2-REL-76	Ephemeral	41.32279118	-75.87884048	UNT to Abrahams Creek	CWF	EXCAVATION	PERM	-	-	105X57	2356	-	-	
			S24-T2-REL-76	Ephemeral	41.32295844	-75.87928006	UNT to Abrahams Creek	CWF	EXCAVATION	PERM	-	-	126X30	3004	-	-	
			W51-T2-REL-76	PEM	41.32288691	-75.87902281	Wetland	EV	EXCAVATION	PERM	-	-	-	-	87X20	871	
			W51-T2-REL-76	PEM	41.32285204	-75.87898722	Wetland	EV	EXCAVATION	PERM	-	-	-	-	81X30	897	
			W51-T2-REL-76	PEM	41.32290749	-75.87925305	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	2X2	4	
			W51-T2-REL-76	PEM	41.32281971	-75.87898238	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	20X4	19	
			S24-T2-REL-76	Ephemeral	41.32288904	-75.87929029	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	40X8	137	-	-	-	-	
			S24-T2-REL-76	Ephemeral	41.32288738	-75.87908105	UNT to Abrahams Creek	CWF	EXCAVATION	PERM	103X5	381	-	-	-	-	
			S50-T2-REL-77	Intermittent	41.3256022	-75.89957301	UNT to Toby Creek	CWF	MATS	TEMP	12X20	240	-	-	-	-	
			S51-T2-REL-77	Intermittent	41.32556343	-75.89952508	UNT to Toby Creek	CWF	MATS	TEMP	13X20	222	-	-	-	-	
			W6-T13-REL-77	PFO/PEM	41.32536717	41.32536717	Wetland	EV	MATS	TEMP	-	-	-	-	199X20	3328	
			S50-T2-REL-77	Intermittent	41.32565884	-75.89964042	UNT to Toby Creek	CWF	MATS	TEMP	-	-	19X20	322	-	-	
			S51-T2-REL-77	Intermittent	41.32552002	-75.89949316	UNT to Toby Creek	CWF	MATS	TEMP	-	-	26X20	504	-	-	
			S51-T2-REL-77	Intermittent	41.32552125	-75.8995061	UNT to Toby Creek	CWF	EXCAVATION	TEMP	-	-	18X55	754	-	-	
			S50-T2-REL-77	Intermittent	41.32574191	-75.89966866	UNT to Toby Creek	CWF	EXCAVATION	TEMP	-	-	132X51	2615	-	-	
			S50-T2-REL-77	Intermittent	41.32603791	-75.89969615	UNT to Toby Creek	CWF	EXCAVATION	TEMP	-	-	0.5X15	4	-	-	
			S51-T2-REL-77	Intermittent	41.32558056	-75.89933113	UNT to Toby Creek	CWF	EXCAVATION	TEMP	-	-	30X10	232	-	-	
			S51-T2-REL-77	Intermittent	41.32563824	-75.8993687	UNT to Toby Creek	CWF	EXCAVATION	TEMP	-	-	0.01X0.6	0	-	-	
			S50-T2-REL-77	Intermittent	41.32608065	-75.89967565	UNT to Toby Creek	CWF	EXCAVATION	TEMP	-	-	0.5X11	6	-	-	
			S50-T2-REL-77	Intermittent	41.32610684	-75.89965468	UNT to Toby Creek	CWF	EXCAVATION	TEMP	-	-	2X0.2	0	-	-	
			S51-T2-REL-77	Intermittent	41.32551355	-75.89941454	UNT to Toby Creek	CWF	EXCAVATION	PERM	-	-	18X7	78	-	-	
			S50-T2-REL-77	Intermittent	41.32579885	-75.89964219	UNT to Toby Creek	CWF	EXCAVATION	PERM	-	-	65X33	1861	-	-	
			S51-T2-REL-77	Intermittent	41.3255828	-75.89937077	UNT to Toby Creek	CWF	EXCAVATION	PERM	-	-	14X7	64	-	-	
			W6-T13-REL-77	PFO	41.32542415	-75.89926633	Wetland	EV	EXCAVATION	PERM	-	-	-	-	142X18	1285	
			W6-T13-REL-77	PEM	41.3251897	-75.8990346	Wetland	EV	EXCAVATION	PERM	-	-	-	-	22X10	401	

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											Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet				
			W6-T13-REL-77	PFO	41.32564143	-75.8994849	Wetland	EV	EXCAVATION	PERM	-	-	-	-	55X10	530		
			W6-T13-REL-77	PFO	41.3256904	-75.89958319	Wetland	EV	EXCAVATION	PERM	-	-	-	-	8X10	67		
			W6-T13-REL-77	PFO	41.3254053	-75.89936147	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	193X57	4178		
			W6-T13-REL-77	PEM	41.32519473	-75.8991622	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	120X92	2620		
			W6-T13-REL-77	PFO	41.32567534	-75.89947015	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	89X25	842		
			W6-T13-REL-77	PFO	41.32561336	-75.89961098	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	16X36	521		
			S50-T2-REL-77	Intermittent	41.32560688	-75.89957086	UNT to Toby Creek	CWF	EXCAVATION	TEMP	11X30	279	-	-	-	-		
			S51-T2-REL-77	Intermittent	41.32556303	-75.89952053	UNT to Toby Creek	CWF	EXCAVATION	TEMP	10X28	256	-	-	-	-		
			S50-T2-REL-77	Intermittent	41.32570866	-75.89955588	UNT to Toby Creek	CWF	EXCAVATION	PERM	8X42	352	-	-	-	-		
			S51-T2-REL-77	Intermittent	41.32557822	-75.8994258	UNT to Toby Creek	CWF	EXCAVATION	PERM	10X30	228	-	-	-	-		
			W6-T13-REL-77	PFO	41.32528469	-75.89909963	Wetland	EV	EXCAVATION	PERM	-	-	-	-	31X3	53		
			W6-T13-REL-77	PFO	41.32547552	-75.89927428	Wetland	EV	EXCAVATION	PERM	-	-	-	-	98X10	913		
			W6-T13-REL-77	PFO	41.32567182	-75.89947004	Wetland	EV	EXCAVATION	PERM	-	-	-	-	61X10	604		
			W6-T13-REL-77	PFO	41.32542717	-75.89931539	Wetland	EV	EXCAVATION	PERM	-	-	-	-	109X10	1027		
			W6-T13-REL-77	PFO	41.32561672	-75.89950433	Wetland	EV	EXCAVATION	PERM	-	-	-	-	45X10	385		
			W6-T13-REL-77	PFO	41.32572018	-75.89957474	Wetland	EV	EXCAVATION	PERM	-	-	-	-	3X11	17		
			W117-T2-REL-78	PEM	41.33452765	-75.91197346	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	27X12	249		
			W59-T1-REL-79	PEM/PSS	41.34261071	41.34261071	Wetland	OTHER	MATS	TEMP	-	-	-	-	18X10	118		
			W59-T1-REL-79	PEM	41.34256406	-75.91542568	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	13X10	129		
			W59-T1-REL-79	PSS	41.34258982	-75.91543724	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	7X10	68		
			W59-T1-REL-79	PEM	41.34256199	-75.91543197	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	24X45	510		
			W59-T1-REL-79	PSS	41.34258132	-75.91545191	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	21X42	359		
			S47-T2-REL-80	Intermittent	41.34429389	-75.91668195	UNT to Abrahams Creek	CWF	MATS	TEMP	6X20	95	-	-	-	-		
			W60-T1-REL-80	PFO/PEM/PSS	41.34441606	41.34441606	Wetland	OTHER	MATS	TEMP	-	-	-	-	105X20	2034		
			S47-T2-REL-80	Intermittent	41.3442579	-75.91666058	UNT to Abrahams Creek	CWF	MATS	TEMP	-	-	15X20	261	-	-		
			S47-T2-REL-80	Intermittent	41.34419742	-75.91667094	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	-	-	94X40	1851	-	-		
			S47-T2-REL-80	Intermittent	41.34417122	-75.91672695	UNT to Abrahams Creek	CWF	EXCAVATION	PERM	-	-	45X30	1307	-	-		
			W60-T1-REL-80	PFO	41.34423666	-75.91676208	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	8X10	82		
			W60-T1-REL-80	PEM	41.34437122	-75.91683274	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	48X20	422		
			W60-T1-REL-80	PSS	41.34428153	-75.91678531	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	10X10	91		
			W60-T1-REL-80	PSS	41.3444592	-75.91687657	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	17X10	162		
			W60-T1-REL-80	PFO	41.34427315	-75.91674393	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	6X10	47		
			W60-T1-REL-80	PSS	41.34447844	-75.91690804	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	5X2	8		
			W60-T1-REL-80	PSS	41.34434955	-75.91681788	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	19X10	145		
			W60-T1-REL-80	PFO	41.3442673	-75.91670004	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	15X40	243		
			W60-T1-REL-80	PEM	41.34438759	-75.91678181	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	121X60	2956		
			W60-T1-REL-80	PSS	41.34430207	-75.91674051	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	21X61	632		
			W60-T1-REL-80	PSS	41.34451118	-75.91679994	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	43X44	975		

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											Top of Bank to Top of Bank		Top of Bank Landward		Length and Width (in feet)	Square Feet	Length and Width (in feet)
										temp / perm	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet			
			W60-T1-REL-80	PFO	41.34428253	-75.91673231	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	12X40	160	
			W60-T1-REL-80	PEM	41.34438466	-75.91691755	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	57X14	417	
			W60-T1-REL-80	PSS	41.34445794	-75.91693792	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	17X20	297	
			W60-T1-REL-80	PSS	41.34435543	-75.91679171	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	30X15	161	
			S47-T2-REL-80	Intermittent	41.34429132	-75.91668559	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	6X23	107	-	-	-	-	
			S47-T2-REL-80	Intermittent	41.34425009	-75.91677542	UNT to Abrahams Creek	CWF	EXCAVATION	PERM	5X30	126	-	-	-	-	
			W60-T1-REL-80	PFO	41.3442225	-75.91679376	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	7X10	77	
			W60-T1-REL-80	PFO	41.34425051	-75.91673069	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	8X10	77	
			W60-T1-REL-80	PFO	41.34425103	-75.91680779	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	5X10	44	
			W60-T1-REL-80	PFO	41.34426447	-75.91677701	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	5X10	44	
			S48-T2-REL-81	Ephemeral	41.34517709	-75.91801252	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	-	-	89X26	1711	-	-	
			S11-T3-REL-82	Ephemeral	41.34575174	-75.91964078	UNT to Trout Brook	CWF	MATS	TEMP	8X20	126	-	-	-	-	
			S72-T2-REL-82	Ephemeral	41.34587672	-75.91980679	UNT to Trout Brook	CWF	MATS	TEMP	5X20	107	-	-	-	-	
			S11-T3-REL-82	Ephemeral	41.34573579	-75.91961517	UNT to Trout Brook	CWF	MATS	TEMP	-	-	14X20	246	-	-	
			S11-T3-REL-82	Ephemeral	41.34576863	-75.91966279	UNT to Trout Brook	CWF	MATS	TEMP	-	-	11X20	219	-	-	
			S72-T2-REL-82	Ephemeral	41.34588882	-75.91983668	UNT to Trout Brook	CWF	MATS	TEMP	-	-	15X20	263	-	-	
			S72-T2-REL-82	Ephemeral	41.34586008	-75.91977471	UNT to Trout Brook	CWF	MATS	TEMP	-	-	19X20	317	-	-	
			S11-T3-REL-82	Ephemeral	41.34563661	-75.91957151	UNT to Trout Brook	CWF	EXCAVATION	TEMP	-	-	126X73	3480	-	-	
			S11-T3-REL-82	Ephemeral	41.34574999	-75.9197063	UNT to Trout Brook	CWF	EXCAVATION	TEMP	-	-	68X40	1245	-	-	
			S72-T2-REL-82	Ephemeral	41.34591517	-75.91988189	UNT to Trout Brook	CWF	EXCAVATION	TEMP	-	-	82X40	1694	-	-	
			S72-T2-REL-82	Ephemeral	41.34582357	-75.9197743	UNT to Trout Brook	CWF	EXCAVATION	TEMP	-	-	56X41	1141	-	-	
			S11-T3-REL-82	Ephemeral	41.34560995	-75.91959113	UNT to Trout Brook	CWF	EXCAVATION	PERM	-	-	58X52	2203	-	-	
			S11-T3-REL-82	Ephemeral	41.3457092	-75.9197314	UNT to Trout Brook	CWF	EXCAVATION	PERM	-	-	38X30	1044	-	-	
			S72-T2-REL-82	Ephemeral	41.34586048	-75.91992949	UNT to Trout Brook	CWF	EXCAVATION	PERM	-	-	58X51	2214	-	-	
			S72-T2-REL-82	Ephemeral	41.34576808	-75.91980569	UNT to Trout Brook	CWF	EXCAVATION	PERM	-	-	25X30	706	-	-	
			S11-T3-REL-82	Ephemeral	41.3457489	-75.91964343	UNT to Trout Brook	CWF	EXCAVATION	TEMP	9X23	146	-	-	-	-	
			S72-T2-REL-82	Ephemeral	41.34587253	-75.9198083	UNT to Trout Brook	CWF	EXCAVATION	TEMP	26X5	122	-	-	-	-	
			S11-T3-REL-82	Ephemeral	41.34567514	-75.91967741	UNT to Trout Brook	CWF	EXCAVATION	PERM	5X33	161	-	-	-	-	
			S72-T2-REL-82	Ephemeral	41.34579532	-75.91984127	UNT to Trout Brook	CWF	EXCAVATION	PERM	31X4	124	-	-	-	-	
			S49-T2-REL-83	Perennial	41.34606778	-75.9250612	UNT to Trout Brook	CWF	MATS	TEMP	6X20	137	-	-	-	-	
			W83-T2-REL-83	PFO/PEM	41.34602337	41.34602337	Wetland	EV	MATS	TEMP	-	-	-	-	19X20	171	
			W15-T4-REL-83	PSS/PFO	41.34619226	41.34619226	Wetland	EV	MATS	TEMP	-	-	-	-	186X20	3650	
			S49-T2-REL-83	Perennial	41.34602528	-75.92525763	UNT to Trout Brook	CWF	MATS	TEMP	-	-	6X17	98	-	-	
			S49-T2-REL-83	Perennial	41.3460406	-75.92522497	UNT to Trout Brook	CWF	MATS	TEMP	-	-	3X20	38	-	-	
			S49-T2-REL-83	Perennial	41.34604586	-75.92509685	UNT to Trout Brook	CWF	MATS	TEMP	-	-	4X20	37	-	-	
			S49-T2-REL-83	Perennial	41.34603361	-75.92526825	UNT to Trout Brook	CWF	EXCAVATION	TEMP	-	-	6X27	145	-	-	
			S49-T2-REL-83	Perennial	41.34598673	-75.92511855	UNT to Trout Brook	CWF	EXCAVATION	TEMP	-	-	84X111	2829	-	-	
			S49-T2-REL-83	Perennial	41.34599564	-75.92511432	UNT to Trout Brook	CWF	EXCAVATION	PERM	-	-	37X10	337	-	-	

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											Top of Bank to Top of Bank		Top of Bank Landward		Length and Width (in feet)	Square Feet	Length and Width (in feet)
										temp / perm	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet			
			W83-T2-REL-83	PFO	41.34595832	-75.92519692	Wetland	EV	EXCAVATION	PERM	-	-	-	-	12X10	127	
			W83-T2-REL-83	PEM	41.34597537	-75.92517489	Wetland	EV	EXCAVATION	PERM	-	-	-	-	6X9	33	
			W15-T4-REL-83	PSS	41.34609245	-75.92490507	Wetland	EV	EXCAVATION	PERM	-	-	-	-	85X20	863	
			W15-T4-REL-83	PFO	41.34623973	-75.92465535	Wetland	EV	EXCAVATION	PERM	-	-	-	-	96X10	924	
			W83-T2-REL-83	PSS	41.34591183	-75.92513259	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	5X3	11	
			W83-T2-REL-83	PFO	41.34596027	-75.92520394	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	27X45	248	
			W83-T2-REL-83	PEM	41.346031	-75.92523377	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	6X45	289	
			W15-T4-REL-83	PSS	41.34610568	-75.92492485	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	176X60	2570	
			W15-T4-REL-83	PFO	41.34626746	-75.92466427	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	99X10	995	
			S49-T2-REL-83	Perennial	41.34604708	-75.92503822	UNT to Trout Brook	CWF	EXCAVATION	TEMP	15X30	225	-	-	-	-	
			S49-T2-REL-83	Perennial	41.34603646	-75.92502635	UNT to Trout Brook	CWF	EXCAVATION	PERM	8X10	80	-	-	-	-	
			W15-T4-REL-83	PFO	41.3461857	-75.92463227	Wetland	EV	EXCAVATION	PERM	-	-	-	-	80X10	752	
			W83-T2-REL-83	PFO	41.3459367	-75.92517428	Wetland	EV	EXCAVATION	PERM	-	-	-	-	12X10	122	
			W83-T2-REL-83	PFO	41.3459795	-75.92522075	Wetland	EV	EXCAVATION	PERM	-	-	-	-	12X10	127	
			W15-T4-REL-83	PFO	41.3462141	-75.92464125	Wetland	EV	EXCAVATION	PERM	-	-	-	-	84X10	821	
			S4-T11-REL-84	Ephemeral	41.34415221	-75.93995725	UNT to Trout Brook	CWF	MATS	TEMP	10X21	195	-	-	-	-	
			S52a-T12-REL-84	Ephemeral	41.34369833	-75.93906528	UNT to Trout Brook	CWF	MATS	TEMP	76X20	914	-	-	-	-	
			S3-T11-REL-84	Ephemeral	41.34408072	-75.9398535	UNT to Trout Brook	CWF	MATS	TEMP	37X4	223	-	-	-	-	
			W131-T3-REL-84	PEM	41.34330739	41.34330739	Wetland	EV	MATS	TEMP	-	-	-	-	3X20	73	
			W44-T3-REL-84	PSS	41.34342954	41.34342954	Wetland	EV	MATS	TEMP	-	-	-	-	102X20	1937	
			S52-T2-REL-84	Perennial	41.34351281	-75.93887873	Trout Brook	CWF	MATS	TEMP	18X20	343	-	-	-	-	
			S52a-T2-REL-84	Ephemeral	41.34360164	-75.93900881	UNT to Trout Brook	CWF	MATS	TEMP	-	-	48X16	744	-	-	
			S52a-T2-REL-84	Ephemeral	41.3437489	-75.93911212	UNT to Trout Brook	CWF	MATS	TEMP	-	-	6X10	551	-	-	
			S4-T11-REL-84	Ephemeral	41.34417488	-75.9399881	UNT to Trout Brook	CWF	MATS	TEMP	-	-	15X20	294	-	-	
			S3-T11-REL-84	Ephemeral	41.34353569	-75.93893002	UNT to Trout Brook	CWF	MATS	TEMP	-	-	18X20	255	-	-	
			S3-T11-REL-84	Ephemeral	41.34374534	-75.93916733	UNT to Trout Brook	CWF	MATS	TEMP	-	-	39X20	904	-	-	
			S3-T11-REL-84	Ephemeral	41.34407995	-75.93986762	UNT to Trout Brook	CWF	MATS	TEMP	-	-	29X12	197	-	-	
			S3-T11-REL-84	Ephemeral	41.34408781	-75.93984175	UNT to Trout Brook	CWF	MATS	TEMP	-	-	49X20	956	-	-	
			S52a-T2-REL-84	Ephemeral	41.34362337	-75.93899062	UNT to Trout Brook	CWF	EXCAVATION	TEMP	-	-	51X10	1381	-	-	
			S52a-T2-REL-84	Ephemeral	41.34375796	-75.93909569	UNT to Trout Brook	CWF	EXCAVATION	TEMP	-	-	16X10	1242	-	-	
			S3-T11-REL-84	Ephemeral	41.34395546	-75.93946001	UNT to Trout Brook	CWF	EXCAVATION	TEMP	-	-	284X165	13574	-	-	
			S4-T11-REL-84	Ephemeral	41.34421044	-75.94002332	UNT to Trout Brook	CWF	EXCAVATION	TEMP	-	-	54X37	1673	-	-	
			S52-T2-REL-84	Ephemeral	41.34325096	-75.93858336	UNT to Trout Brook	CWF	EXCAVATION	PERM	-	-	31X22	509	-	-	
			S52a-T2-REL-84	Ephemeral	41.34358553	-75.93902184	UNT to Trout Brook	CWF	EXCAVATION	PERM	-	-	44X7	255	-	-	
			S52a-T2-REL-84	Ephemeral	41.34364339	-75.93911168	UNT to Trout Brook	CWF	EXCAVATION	PERM	-	-	6X1	5	-	-	
			S3-T11-REL-84	Ephemeral	41.34376033	-75.93946765	UNT to Trout Brook	CWF	EXCAVATION	PERM	-	-	408X124	14878	-	-	
			S4-T11-REL-84	Ephemeral	41.34416268	-75.94016437	UNT to Trout Brook	CWF	EXCAVATION	PERM	-	-	54X53	2465	-	-	
			W131-T3-REL-84	PEM	41.3432102	-75.93846442	Wetland	EV	EXCAVATION	PERM	-	-	-	-	11X36	207	

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PADEP Permit Number	Single Complete Crossing No.	Crossing Number	Structure / Activity unique identifier	Aquatic Resource Type	Latitude dd nad 83	Longitude dd nad 83	Waters Name	PA Code Chapter 93 Designation	Work Proposed	DEP Impact Type	Watercourse Impact		Floodway Impact		Wetland Impact Dimension	
											Top of Bank to Top of Bank		Top of Bank Landward			
										temp / perm	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet
			W44-T3-REL-84	PSS	41.34334857	-75.93871951	Wetland	EV	EXCAVATION	PERM	-	-	-	-	87X31	2255
			W82-T2-REL-84	PEM	41.34319021	-75.93820813	Wetland	N/A	EXCAVATION	TEMP	-	-	-	-	17X11	102
			W131-T3-REL-84	PEM	41.34328818	-75.93842058	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	11X45	218
			W44-T3-REL-84	PSS	41.34342517	-75.93870813	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	105X20	1976
			S4-T11-REL-84	Ephemeral	41.34415	-75.93996254	UNT to Trout Brook	CWF	EXCAVATION	TEMP	9X25	224	-	-	-	-
			S52a-T12-REL-84	Ephemeral	41.34373351	-75.93910305	UNT to Trout Brook	CWF	EXCAVATION	TEMP	22X30	684	-	-	-	-
			S3-T11-REL-84	Ephemeral	41.34407952	-75.93984624	UNT to Trout Brook	CWF	EXCAVATION	TEMP	46X5	263	-	-	-	-
			S52-T2-REL-84	Perennial	41.34351369	-75.93887901	Trout Brook	CWF	EXCAVATION	TEMP	22X21	342	-	-	-	-
			S4-T11-REL-84	Ephemeral	41.34411092	-75.94005557	UNT to Trout Brook	CWF	EXCAVATION	PERM	10X33	303	-	-	-	-
			S52a-T12-REL-84	Ephemeral	41.34358623	-75.93906046	UNT to Trout Brook	CWF	EXCAVATION	PERM	72X20	618	-	-	-	-
			S3-T11-REL-84	Ephemeral	41.34382841	-75.93958311	UNT to Trout Brook	CWF	EXCAVATION	PERM	206X27	1137	-	-	-	-
			S52-T2-REL-84	Perennial	41.3434241	-75.93885719	Trout Brook	CWF	EXCAVATION	PERM	22X34	515	-	-	-	-
			W2-T12-REL-85	PEM	41.34582013	41.34582013	Wetland	OTHER	MATS	TEMP	-	-	-	-	81X20	1285
			W2-T12-REL-85	PEM	41.34581933	-75.94161412	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	130X39	2048
			W81-T2-REL-86	PSS/PEM/PFO	41.34610052	41.34610052	Wetland	EV	MATS	TEMP	-	-	-	-	31X20	556
			W81-T2-REL-86	PSS/PEM/PFO	41.34623891	41.34623891	Wetland	EV	MATS	TEMP	-	-	-	-	407X20	7514
			W5-T11-REL-86	PEM	41.34589831	41.34589831	Wetland	EV	MATS	TEMP	-	-	-	-	110X86	4176
			W81-T2-REL-86	PSS/PEM/PFO	41.34619289	41.34619289	Wetland	EV	MATS	TEMP	-	-	-	-	92X32	2197
			W81-T2-REL-86	PSS/PEM/PFO	41.34631707	41.34631707	Wetland	EV	MATS	TEMP	-	-	-	-	65X20	955
			W5-T11-REL-86	PEM	41.34590779	-75.94423355	Wetland	OTHER	EXCAVATION	PERM	-	-	-	-	109X95	4269
			W81-T2-REL-86	PSS	41.34604357	-75.94362144	Wetland	EV	EXCAVATION	PERM	-	-	-	-	17X6	87
			W81-T2-REL-86	PSS	41.34630887	-75.94494289	Wetland	EV	EXCAVATION	PERM	-	-	-	-	62X17	322
			W81-T2-REL-86	PEM	41.3461016	-75.94469525	Wetland	EV	EXCAVATION	PERM	-	-	-	-	37X23	557
			W81-T2-REL-86	PEM	41.3458732	-75.94387702	Wetland	EV	EXCAVATION	PERM	-	-	-	-	3X2	4
			W81-T2-REL-86	PFO	41.34620734	-75.94467329	Wetland	EV	EXCAVATION	PERM	-	-	-	-	97X10	971
			W81-T2-REL-86	PFO	41.34638379	-75.94504412	Wetland	EV	EXCAVATION	PERM	-	-	-	-	12X10	97
			W81-T2-REL-86	PFO	41.34608377	-75.94373984	Wetland	EV	EXCAVATION	PERM	-	-	-	-	157X10	2248
			W81-T2-REL-86	PSS	41.34599446	-75.94358267	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	54X20	949
			W81-T2-REL-86	PSS	41.3463096	-75.94471505	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	96X57	2480
			W81-T2-REL-86	PFO	41.34621198	-75.94453552	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	160X20	2989
			W81-T2-REL-86	PFO	41.34640984	-75.94500628	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	15X21	219
			W81-T2-REL-86	PFO	41.34615215	-75.94380865	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	194X53	6768
			W81-T2-REL-86	PFO	41.34606179	-75.94416049	Wetland	EV	EXCAVATION	PERM	-	-	-	-	8X5	20
			W81-T2-REL-86	PFO	41.34598679	-75.94344527	Wetland	EV	EXCAVATION	PERM	-	-	-	-	54X10	539
			W81-T2-REL-86	PFO	41.34608827	-75.94387224	Wetland	EV	EXCAVATION	PERM	-	-	-	-	139X10	1365
			W81-T2-REL-86	PFO	41.34611518	-75.94378863	Wetland	EV	EXCAVATION	PERM	-	-	-	-	235X10	2217
			W81-T2-REL-86	PFO	41.3462357	-75.94483841	Wetland	EV	EXCAVATION	PERM	-	-	-	-	2X1	1
			W81-T2-REL-86	PFO	41.34615069	-75.94469465	Wetland	EV	EXCAVATION	PERM	-	-	-	-	48X	489



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PADEP Permit Number	Single Complete Crossing No.	Crossing Number	Structure / Activity unique identifier	Aquatic Resource Type	Latitude dd nad 83	Longitude dd nad 83	Waters Name	PA Code Chapter 93 Designation	Work Proposed	DEP Impact Type	Watercourse Impact		Floodway Impact		Wetland Impact Dimension	
											Top of Bank to Top of Bank		Top of Bank Landward			
										temp / perm	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet
			W81-T2-REL-86	PFO	41.34624497	-75.94481375	Wetland	EV	EXCAVATION	PERM	-	-	-	-	20X10	127
			W81-T2-REL-86	PFO	41.34617147	-75.94466406	Wetland	EV	EXCAVATION	PERM	-	-	-	-	68X10	610
			W81-T2-REL-86	PFO	41.34636848	-75.9450548	Wetland	EV	EXCAVATION	PERM	-	-	-	-	6X2	9
			S1-T3-REL-AR-1	Ephemeral	41.17278308	-75.67348041	UNT to Shades Creek	HQ-CWF	MATS	TEMP	4X26	86	-	-	-	-
			W5-T3-REL-AR-1	PEM	41.17350179	41.17350179	Wetland	OTHER	MATS	TEMP	-	-	-	-	65X34	1086
			W6-T3-REL-AR-1	PEM	41.17396268	41.17396268	Wetland	OTHER	MATS	TEMP	-	-	-	-	203X19	3538
			S1-T3-REL-AR-1	Ephemeral	41.17281809	-75.673539	UNT to Shades Creek	HQ-CWF	MATS	TEMP	-	-	142X69	4318	-	-
			S1-T3-REL-AR-1	Ephemeral	41.17282371	-75.6735307	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	-	-	172X23	4754	-	-
			W5-T3-REL-AR-1	PEM	41.17350572	-75.67412934	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	37X72	1176
			W6-T3-REL-AR-1	PEM	41.17396175	-75.67349495	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	17X200	3621
			S1-T3-REL-AR-1	Ephemeral	41.17278298	-75.67348086	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	26X4	86	-	-	-	-
			S13-T5-REL-AR-2	Ephemeral	41.1833901	-75.68654484	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	-	-	41X65	2073	-	-
			S13-T5-REL-AR-2	Ephemeral	41.18350666	-75.68642507	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	-	-	31X41	1002	-	-
			S12-T5-REL-AR-2	Ephemeral	41.18362782	-75.68620323	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	-	-	32X54	1556	-	-
			S12-T5-REL-AR-2	Ephemeral	41.18356365	-75.68633267	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	-	-	32X28	828	-	-
			S13-T5-REL-AR-2	Ephemeral	41.18346845	-75.68647292	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	0.8X39	28	-	-	-	-
			S12-T5-REL-AR-2	Ephemeral	41.18359082	-75.68629359	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	26X0.5	14	-	-	-	-
			W55-T1-REL-AR-3	PEM	41.18696317	41.18696317	Wetland	EV	MATS	TEMP	-	-	-	-	42X6	162
			W11-T4-REL-AR-3	PEM	41.18708783	41.18708783	Wetland	EV	MATS	TEMP	-	-	-	-	156X8	684
			W10a-T4-REL-AR-3	PEM	41.18725961	41.18725961	Wetland	EV	MATS	TEMP	-	-	-	-	0.3X1	0
			S44-T2-REL-AR-3	Perennial	41.18725528	-75.68620936	UNT to Shades Creek	HQ-CWF	MATS	TEMP	13X20	256	-	-	-	-
			S44-T2-REL-AR-3	Perennial	41.18728253	-75.68622745	UNT to Shades Creek	HQ-CWF	MATS	TEMP	-	-	11X20	201	-	-
			S44-T2-REL-AR-3	Perennial	41.1871734	-75.68616013	UNT to Shades Creek	HQ-CWF	MATS	TEMP	-	-	50X14	701	-	-
			S44-T2-REL-AR-3	Perennial	41.1873445	-75.68625549	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	-	-	56X30	1626	-	-
			S44-T2-REL-AR-3	Perennial	41.18717265	-75.68616136	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	-	-	50X14	701	-	-
			W55-T1-REL-AR-3	PEM	41.18696912	-75.68599456	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	44X4	162
			W11-T4-REL-AR-3	PEM	41.1871048	-75.68605265	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	156X5	686
			W10a-T4-REL-AR-3	PEM	41.18725963	-75.6862511	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	0.3X0.8	0
			S44-T2-REL-AR-3	Perennial	41.18725403	-75.68620908	UNT to Shades Creek	HQ-CWF	EXCAVATION	TEMP	11X20	256	-	-	-	-
			W54-T1-REL-AR-4	PEM	41.18816176	41.18816176	Wetland	OTHER	MATS	TEMP	-	-	-	-	91X3	286
			W10-T4-REL-AR-4	PEM	41.18815004	41.18815004	Wetland	EV	MATS	TEMP	-	-	-	-	132X6	728
			W10-T4-REL-AR-4	PEM	41.1881807	-75.68714912	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	160X7	914
			W54-T1-REL-AR-4	PEM	41.18814973	-75.68690226	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	166X3	320
			W8-T4-REL-AR-5	PEM	41.18980574	-75.68962691	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	35X5	159
			W39-T3-REL-AR-6	PEM	41.19037502	41.19037502	Wetland	EV	MATS	TEMP	-	-	-	-	35X20	193
			W39-T3-REL-AR-6	PEM	41.19037923	-75.69046177	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	21X20	193
			S42-T2-REL-AR-7	Perennial	41.19703811	-75.70156408	Little Shades Creek	HQ-CWF	MATS	TEMP	11X20	213	-	-	-	-
			S42-T2-REL-AR-7	Perennial	41.19705975	-75.7015965	Little Shades Creek	HQ-CWF	MATS	TEMP	-	-	15X20	271	-	-

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										temp / perm	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet			
			S42-T2-REL-AR-7	Perennial	41.19701817	-75.70153437	Little Shades Creek	HQ-CWF	MATS	TEMP	-	-	13X20	226	-	-	
			S42-T2-REL-AR-7	Perennial	41.19709151	-75.70164862	Little Shades Creek	HQ-CWF	EXCAVATION	TEMP	-	-	52X19	988	-	-	
			S42-T2-REL-AR-7	Perennial	41.19697764	-75.7014551	Little Shades Creek	HQ-CWF	EXCAVATION	TEMP	-	-	64X21	1258	-	-	
			S42-T2-REL-AR-7	Perennial	41.19703793	-75.70156378	Little Shades Creek	HQ-CWF	EXCAVATION	TEMP	10X20	213	-	-	-	-	
			W42-T1-REL-AR-8	PEM/PSS	41.20283527	41.20283527	Wetland	EV	MATS	TEMP	-	-	-	-	378X20	7511	
			W42-T1-REL-AR-8	PEM	41.20283209	-75.71014139	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	378X20	7224	
			W42-T1-REL-AR-8	PSS	41.2029653	-75.71025942	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	131X5	311	
			W42-T1-REL-AR-8	PSS	41.20320295	-75.71063784	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	4X7	18	
			W31-T3-REL-AR-9	PSS/PEM	41.21137179	41.21137179	Wetland	EV	MATS	TEMP	-	-	-	-	253X20	4990	
			W31-T3-REL-AR-9	PSS	41.21154778	-75.7231664	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	43X2	42	
			W31-T3-REL-AR-9	PEM	41.21136547	-75.72283475	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	257X20	4668	
			W31-T3-REL-AR-9	PSS	41.21142643	-75.72303582	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	162X2	284	
			S38-T2-REL-AR-10	Perennial	41.21275235	-75.72529522	Meadow Run	HQ-CWF	MATS	TEMP	18X20	360	-	-	-	-	
			S38-T2-REL-AR-10	Perennial	41.21272104	-75.72526087	Meadow Run	HQ-CWF	MATS	TEMP	-	-	13X20	231	-	-	
			S38-T2-REL-AR-10	Perennial	41.21278345	-75.72532975	Meadow Run	HQ-CWF	MATS	TEMP	-	-	13X20	230	-	-	
			S38-T2-REL-AR-10	Perennial	41.212681	-75.72520632	Meadow Run	HQ-CWF	EXCAVATION	TEMP	-	-	51X30	1504	-	-	
			S38-T2-REL-AR-10	Perennial	41.21282331	-75.72538413	Meadow Run	HQ-CWF	EXCAVATION	TEMP	-	-	51X30	1509	-	-	
			S38-T2-REL-AR-10	Perennial	41.21275233	-75.72529521	Meadow Run	HQ-CWF	EXCAVATION	TEMP	18X21	360	-	-	-	-	
			W96-T2-REL-AR-11	PEM/PSS	41.21560328	41.21560328	Wetland	EV	MATS	TEMP	-	-	-	-	156X20	3122	
			S40-T2-REL-AR-11	Perennial	41.21568826	-75.72963355	UNT to Bear Creek	HQ-CWF	MATS	TEMP	12X20	190	-	-	-	-	
			S40-T2-REL-AR-11	Perennial	41.21563738	-75.72952122	UNT to Bear Creek	HQ-CWF	MATS	TEMP	-	-	36X2	41	-	-	
			S40-T2-REL-AR-11	Perennial	41.21575784	-75.72975699	UNT to Bear Creek	HQ-CWF	MATS	TEMP	-	-	13X20	245	-	-	
			S40-T2-REL-AR-11	Perennial	41.21563315	-75.72951874	UNT to Bear Creek	HQ-CWF	EXCAVATION	TEMP	-	-	40X1	41	-	-	
			S40-T2-REL-AR-11	Perennial	41.21576872	-75.72977761	UNT to Bear Creek	HQ-CWF	EXCAVATION	TEMP	-	-	31X30	691	-	-	
			W96-T2-REL-AR-11	PEM	41.21556768	-75.72944461	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	124X15	2064	
			W96-T2-REL-AR-11	PEM	41.21572115	-75.72969461	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	32X20	617	
			W96-T2-REL-AR-11	PSS	41.21550591	-75.72927895	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	44X4	125	
			W96-T2-REL-AR-11	PSS	41.21558613	-75.72943636	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	21X3	25	
			W96-T2-REL-AR-11	PSS	41.21558395	-75.72953719	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	78X5	275	
			W96-T2-REL-AR-11	PSS	41.21569582	-75.72970897	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	35X0.5	17	
			S40-T2-REL-AR-11	Perennial	41.21568864	-75.729635	UNT to Bear Creek	HQ-CWF	EXCAVATION	TEMP	9X21	190	-	-	-	-	
			W15b-T5-REL-AR-12	PEM/PSS	41.21770267	41.21770267	Wetland	EV	MATS	TEMP	-	-	-	-	100X33	2760	
			S8-T5-REL-AR-12	Perennial	41.21787162	-75.73332802	Bear Creek	HQ-CWF	MATS	TEMP	31X20	619	-	-	-	-	
			S8-T5-REL-AR-12	Perennial	41.21782822	-75.73313449	Bear Creek	HQ-CWF	MATS	TEMP	-	-	23X19	431	-	-	
			S8-T5-REL-AR-12	Perennial	41.21786644	-75.73325314	Bear Creek	HQ-CWF	MATS	TEMP	-	-	11X20	213	-	-	
			S8-T5-REL-AR-12	Perennial	41.21787787	-75.73340621	Bear Creek	HQ-CWF	MATS	TEMP	-	-	13X20	235	-	-	
			S8-T5-REL-AR-12	Perennial	41.21782811	-75.73313626	Bear Creek	HQ-CWF	EXCAVATION	TEMP	-	-	23X19	431	-	-	
			S8-T5-REL-AR-12	Perennial	41.21786755	-75.73325342	Bear Creek	HQ-CWF	EXCAVATION	TEMP	-	-	10X20	214	-	-	

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 Aquatic Resource Impact Table  
 For PA Chapter 105 Water Obstruction and Encroachment Application  
 Project Name: Regional Energy Access Expansion Project -Regional Energy Lateral

DEP USE ONLY			Project Information								PADEP / 105							
PADEP Permit Number	Single Complete Crossing No.	Crossing Number	Structure / Activity unique identifier	Aquatic Resource Type	Latitude dd nad 83	Longitude dd nad 83	Waters Name	PA Code Chapter 93 Designation	Work Proposed	DEP Impact Type	Watercourse Impact		Floodway Impact		Wetland Impact Dimension			
											Top of Bank to Top of Bank		Top of Bank Landward		Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet
											Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet				
			S8-T5-REL-AR-12	Perennial	41.21789311	-75.73349409	Bear Creek	HQ-CWF	EXCAVATION	TEMP	-	-	59X31	1714	-	-		
			W15b-T5-REL-AR-12	PEM	41.2176348	-75.73285607	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	100X16	1694		
			W15b-T5-REL-AR-12	PEM	41.21786212	-75.73319962	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	20X4	275		
			W15b-T5-REL-AR-12	PSS	41.21783804	-75.73321174	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	18X5	70		
			W15b-T5-REL-AR-12	PEM	41.2177965	-75.73308425	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	14X13	182		
			W15b-T5-REL-AR-12	PSS	41.21772458	-75.73294066	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	88X2	165		
			W15b-T5-REL-AR-12	PSS	41.2178468	-75.73311858	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	56X2	115		
			W15b-T5-REL-AR-12	PSS	41.21758729	-75.73283779	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	63X3	146		
			W15b-T5-REL-AR-12	PSS	41.21774696	-75.7330591	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	66X2	114		
			S8-T5-REL-AR-12	Perennial	41.21787158	-75.73332855	Bear Creek	HQ-CWF	EXCAVATION	TEMP	31X20	619	-	-	-	-		
			W97-T2-REL-AR-13	PSS/PEM	41.2201768	41.2201768	Wetland	EV	MATS	TEMP	-	-	-	-	276X20	5522		
			W97-T2-REL-AR-13	PSS	41.22031184	-75.73667958	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	205X5	879		
			W97-T2-REL-AR-13	PEM	41.22016601	-75.73655519	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	275X17	4451		
			W97-T2-REL-AR-13	PSS	41.21992943	-75.73633955	Wetland	EV	EXCAVATION	TEMP	-	-	-	-	66X5	193		
			W34-T3-REL-AR-14	PEM	41.22138786	41.22138786	Wetland	OTHER	MATS	TEMP	-	-	-	-	11X20	204		
			W34-T3-REL-AR-14	PEM	41.22138888	-75.73847095	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	26X9	204		
			S9a-T13-REL-AR-15	Perennial	41.25590908	-75.76391242	Mill Creek	CWF	MATS	TEMP	26X18	475	-	-	-	-		
			S9a-T13-REL-AR-15	Perennial	41.25595976	-75.76394916	Mill Creek	CWF	MATS	TEMP	-	-	16X18	288	-	-		
			S9a-T13-REL-AR-15	Perennial	41.25586823	-75.76387776	Mill Creek	CWF	MATS	TEMP	-	-	10X18	181	-	-		
			S24a-T1-REL-AR-15	Ephemeral	41.25458138	-75.76382391	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	266X31	7262	-	-		
			S24-T1-REL-AR-15	Perennial	41.25552069	-75.76377679	Mill Creek	CWF	EXCAVATION	TEMP	-	-	187X35	5132	-	-		
			S9a-T13-REL-AR-15	Perennial	41.25590973	-75.76391108	Mill Creek	CWF	EXCAVATION	TEMP	-	-	105X57	2971	-	-		
			S9a-T13-REL-AR-15	Perennial	41.25591024	-75.76390965	Mill Creek	CWF	EXCAVATION	TEMP	25X20	516	-	-	-	-		
			S80-T2-REL-AR-16	Ephemeral	41.25690472	-75.76497374	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	182X30	5065	-	-		
			W176-T2-REL-AR-17	PEM	41.26581675	41.26581675	Wetland	OTHER	MATS	TEMP	-	-	-	-	11X20	169		
			W176-T2-REL-AR-17	PEM	41.26581828	-75.77867261	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	11X18	170		
			S73-T2-REL-AR-18	Ephemeral	41.26686387	-75.78051776	UNT to Mill Creek	CWF	MATS	TEMP	5X20	103	-	-	-	-		
			S73-T2-REL-AR-18	Ephemeral	41.26686438	-75.780518	UNT to Mill Creek	CWF	MATS	TEMP	-	-	33X20	581	-	-		
			S73-T2-REL-AR-18	Ephemeral	41.26686538	-75.78047263	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	139X58	5021	-	-		
			S73-T2-REL-AR-18	Ephemeral	41.26686348	-75.78051804	UNT to Mill Creek	CWF	EXCAVATION	TEMP	5X21	103	-	-	-	-		
			S82-T2-REL-AR-19	Ephemeral	41.28113517	-75.79256005	UNT to Gardner Creek	CWF	EXCAVATION	TEMP	-	-	128X38	4017	-	-		
			S15c-T2-REL-AR-20	Perennial	41.31509724	-75.85790722	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	-	-	32X3	96	-	-		
			S26-T2-REL-AR-21	Perennial	41.32232082	-75.87820654	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	-	-	63X30	1692	-	-		
			S26-T2-REL-AR-21	Perennial	41.32243502	-75.87835986	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	-	-	49X30	1373	-	-		
			S26-T2-REL-AR-21	Perennial	41.32238314	-75.87828916	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	8X30	219	-	-	-	-		
			S24-T2-REL-AR-22	Ephemeral	41.32295848	-75.87865023	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	-	-	77X30	1676	-	-		
			S24-T2-REL-AR-22	Ephemeral	41.32311294	-75.87870446	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	-	-	34X50	1568	-	-		
			S24-T2-REL-AR-22	Ephemeral	41.32304142	-75.87866638	UNT to Abrahams Creek	CWF	EXCAVATION	TEMP	2X20	50	-	-	-	-		

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DEP USE ONLY			Project Information								PADEP / 105						
PADEP Permit Number	Single Complete Crossing No.	Crossing Number	Structure / Activity unique identifier	Aquatic Resource Type	Latitude dd nad 83	Longitude dd nad 83	Waters Name	PA Code Chapter 93 Designation	Work Proposed	DEP Impact Type	Watercourse Impact		Floodway Impact		Wetland Impact Dimension		
											Top of Bank to Top of Bank		Top of Bank Landward		Length and Width		Square Feet
										temp / perm	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	Length and Width (in feet)	Square Feet	
			S52-T2-REL-AR-23	Ephemeral	41.34283338	-75.93878432	UNT to Trout Brook	CWF	EXCAVATION	TEMP	-	-	37X39	1072	-	-	
			S52-T2-REL-AR-23	Ephemeral	41.34297242	-75.93893977	UNT to Trout Brook	CWF	EXCAVATION	TEMP	-	-	60X30	1679	-	-	
			S52-T2-REL-AR-23	Perennial	41.34288676	-75.93885699	Trout Brook	CWF	EXCAVATION	TEMP	21X30	633	-	-	-	-	
			S2-T11-REL-AR-24	Perennial	41.34526294	-75.94259951	UNT to Trout Brook	CWF	EXCAVATION	TEMP	-	-	91X32	2237	-	-	
			S2-T11-REL-AR-24	Perennial	41.34528768	-75.94308088	UNT to Trout Brook	CWF	EXCAVATION	PERM	-	-	199X30	4268	-	-	
			S2-T11-REL-AR-24	Perennial	41.34524493	-75.942696	UNT to Trout Brook	CWF	EXCAVATION	TEMP	7X20	79	-	-	-	-	
			S2-T11-REL-AR-24	Perennial	41.34527691	-75.94287676	UNT to Trout Brook	CWF	EXCAVATION	PERM	0.02X0.6	0	-	-	-	-	
			S1-T12-REL-AR-25	Perennial	41.34885485	-75.94773932	UNT to Toby Creek	CWF	EXCAVATION	TEMP	-	-	104X25	2280	-	-	
			S1-T12-REL-AR-25	Perennial	41.34885854	-75.94775159	UNT to Toby Creek	CWF	EXCAVATION	TEMP	5X20	93	-	-	-	-	
			W38-T2-REL-CS515	PEM	41.17395475	41.17395475	Wetland	OTHER	MATS	TEMP	-	-	-	-	ARIT ONLY	1890	
			W38-T2-REL-CS515	PEM	41.17396527	-75.67030992	Wetland	OTHER	EXCAVATION	TEMP	-	-	-	-	89X30	1890	
			S13a-T13-REL-STAG-1	Ephemeral	41.25624148	-75.75842083	UNT to Mill Creek	CWF	EXCAVATION	TEMP	-	-	45X93	3307	-	-	

Summary of Aquatic Resource Impacts (Matting)	Square Feet	Acres
Temporary Stream Impacts	13,843	0.32
Temporary Floodway Impacts	48,313	1.11
Temporary Wetland Impacts	149,018	3.42

Summary of Aquatic Resource Impacts (Excavation)	Square Feet	Acres
Temporary Stream Impacts	64,172	1.47
Permanent Stream Impacts	46,065	1.06
Temporary Floodway Impacts	586,431	13.46
Permanent Floodway Impacts	283,472	6.51
Temporary Wetland Impacts	230,156	5.28
Permanent Wetland Impacts	356,317	8.18
<b>Total Temporary Impacts</b>	<b>880,760</b>	<b>20.22</b>
<b>Total Permanent Impacts</b>	<b>685,854</b>	<b>15.75</b>