

**ATTACHMENT D-1**  
 Scott Township  
 Pollutant Reduction Plan  
 Existing Loading  
 Watershed: Lower Charters Creek

NLCD Land Cover <sup>2</sup>	Impervious Area	Pervious Area
Deciduous Forest (lb/ac/yr)	0%	100%
Developed, High Intensity (lb/ac/yr)	100%	0%
Developed, Low Intensity (lb/ac/yr)	49%	51%
Developed, Medium Intensity (lb/ac/yr)	79%	21%
Developed, Open Space (lb/ac/yr)	19%	81%

Pollutant Loading Factors <sup>1</sup>	Sediment (TSS)
Impervious Cover (lb/ac/yr)	1,839.00
Pervious Cover (lb/ac/yr)	264.96
Non Urbanized Areas (lb/ac/yr)	234.60

Storm Sewershed	Tributary Area - NLCD Land Cover (ac)						Impervious/Pervious Area Tabulation (ac)				Existing Sediment (TSS) Loading (lb/yr)
	Tributary Area - Total	Deciduous Forest	Developed, High Intensity	Developed, Low Intensity	Developed, Medium Intensity	Developed, Open Space	Urbanized Area - Impervious	Urbanized Area - Pervious	Non-Urbanized Area	Tributary Area - Total	
1	1.150			0.026	1.124		0.901	0.249	0.000	1.150	1,722
2	0.847		0.242	0.082	0.523		0.695	0.152	0.000	0.847	1,319
3	0.967		0.381		0.586		0.844	0.123	0.000	0.967	1,585
4	1.084		0.181	0.315	0.588		0.800	0.284	0.000	1.084	1,546
5	0.249		0.102	0.028	0.119		0.210	0.039	0.000	0.249	396
6	0.641		0.09	0.051	0.401	0.099	0.451	0.190	0.000	0.641	879
7	1.925		0.518	0.217	1.19		1.564	0.361	0.000	1.925	2,973
8	1.089		1.003	0.056	0.03		1.054	0.035	0.000	1.089	1,948
009OP	1.733	0.002		1.359	0.364	0.008	0.955	0.778	0.000	1.733	1,962
10	155.018	7.168	0.533	70.243	19.8	57.274	61.476	93.542	0.000	155.018	137,839
11	46.804		14.417	16.821	12.447	3.119	33.085	13.719	0.000	46.804	64,478
13	10.657			4.183	5.937	0.537	6.842	3.815	0.000	10.657	13,593
14	3.251		0.085	0.069	3.06	0.037	2.543	0.708	0.000	3.251	4,865
15	103.855		16.517	25.811	41.412	20.115	65.702	38.153	0.000	103.855	130,935
17	25.668			9.156	12.106	4.406	14.887	10.781	0.000	25.668	30,234
18	3.762		0.152	0.665	2.801	0.144	2.718	1.044	0.000	3.762	5,275
19	1.734		0.001	0.62	0.35	0.763	0.726	1.008	0.000	1.734	1,603
023NT	38.696			26.857	4.353	7.486	18.021	20.675	0.000	38.696	38,619
24	7.663		0.153	3.206	1.119	3.185	3.213	4.450	0.000	7.663	7,088
25	14.918		0.219	6.682	2.984	5.033	6.807	8.111	0.000	14.918	14,667
26	0.188			0.07	0.05	0.068	0.087	0.101	0.000	0.188	186
27	17.438		0.059	9.64	2.007	5.732	7.457	9.981	0.000	17.438	16,358
29	1.960			1.369	0.553	0.038	1.115	0.845	0.000	1.960	2,274
30	3.034			1.868	1.165	0.001	1.836	1.198	0.000	3.034	3,694
32	4.065			2.453	0.549	1.063	1.838	2.227	0.000	4.065	3,970
034NT	103.326	15.654	0.933	37.415	14.453	34.871	37.310	66.016	0.000	103.326	86,104
36	0.881			0.753		0.128	0.393	0.488	0.000	0.881	852
37	1.164			0.983		0.181	0.516	0.648	0.000	1.164	1,121
41	27.314	3.259	0.745	12.437	1.246	9.627	9.653	17.661	0.000	27.314	22,431
42	2.192			1.978	0.062	0.152	1.047	1.145	0.000	2.192	2,229
043NT	30.340		0.745	5.027	4.537	20.031	10.598	19.742	0.000	30.340	24,721
44	12.951			9.392	1.512	2.047	6.185	6.766	0.000	12.951	13,168
047NT	134.314	13.995	5.454	35.922	25.552	53.391	53.386	80.928	0.000	134.314	119,620
48	20.897		1.601	11.472	4.008	3.816	11.114	9.783	0.000	20.897	23,030
49	6.391			3.148	0.949	2.294	2.728	3.663	0.000	6.391	5,987
50	5.632			2.461	0.254	2.917	1.961	3.671	0.000	5.632	4,579
51	10.696	0.77		5.392	2.193	2.341	4.819	5.877	0.000	10.696	10,420
54	4.421			3.009	0.535	0.877	2.064	2.357	0.000	4.421	4,420
55	6.208			3.243	1.038	1.927	2.775	3.433	0.000	6.208	6,013
56	13.012			7.4	1.584	4.028	5.643	7.369	0.000	13.012	12,329
57	7.381			4.838	0.633	1.91	3.234	4.147	0.000	7.381	7,045
61	4.381		0.469	2.127	1.139	0.646	2.534	1.847	0.000	4.381	5,149
064NT	1.789			0.757	0.77	0.262	1.029	0.760	0.000	1.789	2,094
066NT	84.464	5.112		61.524	5.231	12.597	36.673	47.791	0.000	84.464	80,104
69	2.762			2.749	0.013		1.357	1.405	0.000	2.762	2,868
70	8.625			6.59	1.621	0.414	4.588	4.037	0.000	8.625	9,508
73	14.732			11.438	1.434	1.86	7.091	7.641	0.000	14.732	15,065
74	9.338			5.561	2.374	1.403	4.867	4.471	0.000	9.338	10,135
76	3.332			3.32	0.012		1.636	1.696	0.000	3.332	3,458
80	29.964		1.896	15.544	8.268	4.256	16.853	13.111	0.000	29.964	34,466
83	1.968		0.318	0.149	0.197	1.304	0.794	1.174	0.000	1.968	1,772
85	0.855		0.122	0.187	0.546		0.645	0.210	0.000	0.855	1,242
103	2.140			0.839	0.239	1.062	0.802	1.338	0.000	2.140	1,829
106	3.171			1.626	1.054	0.491	1.723	1.448	0.000	3.171	3,552
109	1.603	0.026		0.68	0.887	0.01	1.036	0.567	0.000	1.603	2,055
119	28.305	4.422		11.957	5.248	6.678	11.274	17.031	0.000	28.305	25,245
120	5.028			2.597	1.44	0.991	2.598	2.430	0.000	5.028	5,422
121	1.351			1.067	0.088	0.196	0.630	0.721	0.000	1.351	1,349
132	0.433			0.284	0.149		0.257	0.176	0.000	0.433	519
138	7.036			3.116	1.965	1.955	3.451	3.585	0.000	7.036	7,296
150	1.260			1.258	0.002		0.618	0.642	0.000	1.260	1,307
151	1.207			1.005	0.202		0.652	0.555	0.000	1.207	1,346
152	0.750			0.347	0.403		0.488	0.262	0.000	0.750	967
164NT	28.891		0.478	21.238	3.734	3.441	14.488	14.403	0.000	28.891	30,460
165NT	92.866		0.006	67.456	7.74	17.664	42.530	50.336	0.000	92.866	91,550
166NT	6.995			4.743	0.948	1.304	3.321	3.674	0.000	6.995	7,080

Note 1: Pollutant Loading Factors Based on Appendix B of PADEP PRP Instructions dated 3/2017  
 Note 2: Impervious Area coverages based on 2011 NLCD data

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	Tributary Area - Total	Deciduous Forest	Developed, High Intensity	Developed, Low Intensity	Developed, Medium Intensity	Developed, Open Space	Urbanized Area - Impervious	Urbanized Area - Pervious	Non-Urbanized Area	Tributary Area Total	
167NT	6.077			4.229	1.349	0.499	3.233	2.844	0.000	6.077	6.699
169NT	23.789		0.39	7.621	2.916	12.862	8.872	14.917	0.000	23.789	20.268
171NT	6.708			3.154	3.514	0.04	4.329	2.379	0.000	6.708	8.592
172NT	7.688	3.587		1.952	1.082	1.067	2.014	5.674	0.000	7.688	5.207
173NT	8.962	3.366		2.028	1.635	1.933	2.653	6.309	0.000	8.962	6.550
174NT	1.628	0.503		0.441	0.172	0.512	0.449	1.179	0.000	1.628	1.138
176NT	12.416		0.923	2.787	8.011	0.695	8.749	3.667	0.000	12.416	17.062
177NT	104.568	20.502	5.329	26.156	19.39	33.191	39.770	64.798	0.000	104.568	90.306
178	10.791		0.952	2.43	4.905	2.504	6.493	4.298	0.000	10.791	13.080
179NT	58.652		1.397	25.91	17.178	14.167	30.355	28.297	0.000	58.652	63.321
180NT	54.024		1.812	28.49	9.87	13.852	26.201	27.823	0.000	54.024	55.556
182NT	7.318		0.364	2.539	4	0.415	4.847	2.471	0.000	7.318	9.568
185	63.937	5.293	3.856	24.293	8.731	21.764	26.792	37.145	0.000	63.937	59.113
186	9.215			2.717	1.07	5.428	3.208	6.007	0.000	9.215	7.491
188NT	67.222		4.321	34.266	7.19	21.445	30.866	36.356	0.000	67.222	66.395
<b>Total:</b>	<b>1,621.757</b>	<b>83.659</b>	<b>66.764</b>	<b>723.889</b>	<b>310.891</b>	<b>436.554</b>	<b>750.019</b>	<b>871.738</b>	<b>0.000</b>	<b>1,621.757</b>	<b>1,610,260</b>

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