Appendix J: Subwatershed Critical Area Calculations

Watershed (Count/%) miles/sq. miles	Romney Fraley Ditch 05120105010 1	East Branch Wea Creek 05120108010 2	Haywood Ditch-Wea Creek 05120108010 3	Elliot Ditch 05120108010 4	Little Wea Creek 05120108010 5	Kenny Ditch-Wea Creek 05120108010 6	North Fork Burnett Creek 05120108020 1	Headwaters Burnett Creek 05120108020 2	Cedar Hollow-Wabash River 05120108020 3	Indian Creek 05120108050 1	Jordan Creek-Wabash River 05120108050 2	Lost Creek-Wabash River 05120108050 3	Flint Run-Flint Creek 05120108050 4	Otterbein Ditch-Little Pine Creek 05120108050 5	Armstrong Creek-Little Pine Creek 05120108050 6	Flint Creek-Wabash River 05120108050 7	Headwaters Kickapoo Creek 05120108050 8	West Fork Kickapoo Creek 05120108050 9	Turkey Creek-Wabash River 05120108051 0
Size (sq. mi.)	36.5	28.7	17.6	18.6	33.4	28.4	18.1	35.6	22.9	29.6	15.6	26.3	21.8	20.6	31.5	23.8	23.8	15.3	30.6
Tile Length (mi.)	47.5	73.9	15.3	16.4	15.5	5.1	27.4	50.3	-	16.0	1.3	-	19.7	11.8	3.5	6.2	-	-	-
Stream/Drain Length (mi.)	27.9	27.0	16.1	20.7	49.3	44.5	15.5	46.6	21.4	44.4	27.3	30.3	26.6	25.7	51.8	34.4	33.3	27.5	61.9
Total Drainage Length (mi.)	75.4	100.9	31.4	37.1	64.8	49.6	42.9	96.9	21.4	60.4	28.6	30.3	46.3	37.5	55.3	40.6	33.3	27.5	61.9
Livestock Access	(1) 0.28	(1) 0.43	-	-	(5) 3.00	(1) 0.53	-	-	-	(1) 0.62	-	(3) 2.49	(2) 2.31	-	(5) 3.42	(2) 0.59	(4) 3.21	-	-
Unregulated Animal Operations	(32) 300	(37) 430	(8) 30	(1) <10	(24) 210	(21) 150	(18) 190	(17) 150	(3) 20	(24) 260	(11) 140	(33) 430	(39) 220	(9) 400	(26) 280	(15) 400	(23) 260	(11) 190	(57) 500
Failing Septic Sites																			
Dense Wildlife Areas																			
Manure Land Application Areas																			
CSO Drainage Areas	no	no	no	yes	no	no	no	no	yes	no	no	no	no	no	no	no	no	no	no
E. coli Exceedance	16.7%	33.3%	20.0%	9.1%	20.0%	30.0%	-	35.3%	33.3%	-	-	16.7%	8.3%	15.4%	11.8%	28.6%	-	-	16.7%
Sample Sites - E coli	6	6	5	11	5	10	2	17	15	15	5	6	12	13	17	7	4	2	6
Exceeds E. coli target (235 col/100 ml)	1	2	1	1	1	3	0	6	5	0	0	1	1	2	2	2	0	0	1

Watershed (Count/%) miles/sq. miles	Romney Fraley Ditch 05120105010 1	East Branch Wea Creek 05120108010 2	Haywood Ditch-Wea Creek 05120108010 3	Elliot Ditch 05120108010 4	Little Wea Creek 05120108010 5	Kenny Ditch-Wea Creek 05120108010 6	North Fork Burnett Creek 05120108020 1	Headwaters Burnett Creek 05120108020 2	Cedar Hollow-Wabash River 05120108020 3	Indian Creek 05120108050 1	Jordan Creek-Wabash River 05120108050 2	Lost Creek-Wabash River 05120108050 3	Flint Run-Flint Creek 05120108050 4	Otterbein Ditch-Little Pine Creek 05120108050 5	Armstrong Creek-Little Pine Creek 05120108050 6	Flint Creek-Wabash River 05120108050 7	Headwaters Kickapoo Creek 05120108050 8	West Fork Kickapoo Creek 05120108050 9	Turkey Creek-Wabash River 05120108051 0
Size (sq. mi.)	36.5	28.7	17.6	18.6	33.4	28.4	18.1	35.6	22.9	29.6	15.6	26.3	21.8	20.6	31.5	23.8	23.8	15.3	30.6
Tile Length (mi.)	47.5	73.9	15.3	16.4	15.5	5.1	27.4	50.3	-	16.0	1.3	-	19.7	11.8	3.5	6.2	-	-	-
Stream/Drain Length (mi.)	27.9	27.0	16.1	20.7	49.3	44.5	15.5	46.6	21.4	44.4	27.3	30.3	26.6	25.7	51.8	34.4	33.3	27.5	61.9
Total Drainage Length (mi.)	75.4	100.9	31.4	37.1	64.8	49.6	42.9	96.9	21.4	60.4	28.6	30.3	46.3	37.5	55.3	40.6	33.3	27.5	61.9
Livestock Access	(1) 0.28	(1) 0.43	-	-	(5) 3.00	(1) 0.53	-	-	-	(1) 0.62	-	(3) 2.49	(2) 2.31	-	(5) 3.42	(2) 0.59	(4) 3.21	-	-
Buffers/Grassed Waterways Needed	39.1% 10.9	71.9% 19.4	79.5% 12.8	32.9% 6.8	44.4% 21.9	46.7% 20.8	58.1% 9.0	42.7% 19.9	- -	72.5% 32.2	17.6% 4.8	12.2% 3.7	56.0% 14.9	22.2% 5.7	27.4% 14.2	63.4% 21.8	46.5% 15.5	26.9% 7.4	2.6% 1.6
Streambank and Bed Erosion	58.8% 16.4	71.9% 19.4	67.7% 10.9	18.8% 3.9	44.4% 21.9	40.0% 17.8	45.2% 7.0	40.6% 18.9	17.8% 3.8	72.4% 32.2	13.9% 3.8	39.3% 11.9	53.0% 14.1	72.8% 18.7	23.7% 12.3	4.1% 1.4	16.5% 5.5	4.4% 1.2	40.9% 25.3
Altered Hydrology																			
Drainage Density	2.1	3.5	1.8	2.0	1.9	1.7	2.4	2.7	0.9	2.0	1.8	1.2	2.1	1.8	1.8	1.7	1.4	1.8	2.0
Cropland with High Surface Runoff	69.0% 25.2	63.4% 18.2	67.0% 11.8	32.8% 6.1	65.3% 21.8	54.2% 15.4	59.1% 10.7	53.1% 18.9	8.3% 1.9	38.9% 11.5	31.4% 4.9	62.7% 16.5	67.4% 14.7	63.1% 13.0	39.4% 12.4	63.9% 15.2	47.1% 11.2	25.5% 3.9	37.9% 11.6
Flooding	2.4% 0.9	1.0% 0.3	3.0% 0.5	0.4% 0.1	3.5% 1.2	4.1% 1.2	0.3% 0.1	1.9% 0.7	8.3% 1.9	1.8% 0.5	13.5% 2.1	6.9% 1.8	0.6% 0.1	1.1% 0.2	0.6% 0.2	3.4% 0.8	0.2% 0.0	0.8% 0.1	9.0% 2.7
Stormwater Runoff																			
Impervious Surfaces	0.5% 0.2	0.3% 0.1	0.5% 0.1	19.4% 3.6	0.4% 0.1	2.5% 0.7	2.5% 0.5	3.1% 1.1	27.9% 6.4	3.7% 1.1	2.9% 0.5	0.3% 0.1	0.3% 0.1	1.9% 0.4	0.6% 0.2	- -	0.6% 0.1	0.7% 0.1	1.0% 0.3
Stormwater Network Connect.																			
Tilled Fields																			
Developed/Developing Areas																			
% Development 1992-2002	2.0% 0.7	0.5% 0.1	1.5% 0.3	23.1% 4.3	1.8% 0.6	9.5% 2.7	5.0% 0.9	5.1% 1.8	14.0% 3.2	8.1% 2.4	9.0% 1.4	0.2% 0.0	0.2% 0.1	3.9% 0.8	0.1% 0.0	1.4% 0.3	- -	1.6% 0.2	1.6% 0.5
Rule 5 Permits	0.9% 2	0.4% 1	0.9% 2	28.3% 65	0.9% 2	7.0% 16	1.3% 3	12.2% 28	26.1% 60	13.5% 31	5.7% 13	0.4% 1	0.9% 2	0.4% 1	0.4% 1	- -	- -	- -	0.9% 2
Platted Subdivisions	- -	0.3% 0.08	0.9% 0.16	1.7% 0.32	2.0% 0.66	4.0% 1.14	- -	2.0% 0.71	- -	0.9% 0.26	1.2% 0.18	- -	- -	4.7% 0.96	- -	- -	- -	- -	- -
Sediment Exceedance	-	-	-	28.6%	-	-	-	24.0%	27.3%	-	-	-	63.6%	-	-	60.0%	-	-	-
Sample Sites - sediment	1	3	2	7	3	7	0	25	11	10	3	3	11	12	11	5	0	0	3
Exceeds sediment target (10 NTU/25 mg/l	0	0	0	2	0	0	0	6	3	0	0	0	7	0	0	3	0	0	0

Watershed (Count/%) miles/sq. miles	Romney Fraley Ditch 051201050101	East Branch Wea Creek 051201080102	Haywood Ditch-Wea Creek 051201080103	Elliot Ditch 051201080104	Little Wea Creek 051201080105	Kenny Ditch-Wea Creek 051201080106	North Fork Burnett Creek 051201080201	Headwaters Burnett Creek 051201080202	Cedar Hollow-Wabash River 051201080203	Indian Creek 051201080501	Jordan Creek-Wabash River 051201080502	Lost Creek-Wabash River 051201080503	Flint Run-Flint Creek 051201080504	Otterbein Ditch-Little Pine Creek 051201080505	Armstrong Creek-Little Pine Creek 051201080506	Flint Creek-Wabash River 051201080507	Headwaters Kickapoo Creek 051201080508	West Fork Kickapoo Creek 051201080509	Turkey Creek-Wabash River 051201080510
Size (sq. mi.)	36.5	28.7	17.6	18.6	33.4	28.4	18.1	35.6	22.9	29.6	15.6	26.3	21.8	20.6	31.5	23.8	23.8	15.3	30.6
Tile Length (mi.)	47.5	73.9	15.3	16.4	15.5	5.1	27.4	50.3	-	16.0	1.3	-	19.7	11.8	3.5	6.2	-	-	-
Stream/Drain Length (mi.)	27.9	27.0	16.1	20.7	49.3	44.5	15.5	46.6	21.4	44.4	27.3	30.3	26.6	25.7	51.8	34.4	33.3	27.5	61.9
Total Drainage Length (mi.)	75.4	100.9	31.4	37.1	64.8	49.6	42.9	96.9	21.4	60.4	28.6	30.3	46.3	37.5	55.3	40.6	33.3	27.5	61.9
Manure Land Application Areas																			
Buffers/Grassed Waterways Needed	39.1% 10.9	71.9% 19.4	79.5% 12.8	32.9% 6.8	44.4% 21.9	46.7% 20.8	58.1% 9.0	42.7% 19.9	- -	72.5% 32.2	17.6% 4.8	12.2% 3.7	56.0% 14.9	22.2% 5.7	27.4% 14.2	63.4% 21.8	46.5% 15.5	26.9% 7.4	2.6% 1.6
Streambank and Bed Erosion	58.8% 16.4	71.9% 19.4	67.7% 10.9	18.8% 3.9	44.4% 21.9	40.0% 17.8	45.2% 7.0	40.6% 18.9	17.8% 3.8	72.4% 32.2	13.9% 3.8	39.3% 11.9	53.0% 14.1	72.8% 18.7	23.7% 12.3	4.1% 1.4	16.5% 5.5	4.4% 1.2	40.9% 25.3
Altered Hydrology																			
Drainage Density	2.1	3.5	1.8	2.0	1.9	1.7	2.4	2.7	0.9	2.0	1.8	1.2	2.1	1.8	1.8	1.7	1.4	1.8	2.0
Cropland with High Surface Runoff	69.0% 25.2	63.4% 18.2	67.0% 11.8	32.8% 6.1	65.3% 21.8	54.2% 15.4	59.1% 10.7	53.1% 18.9	8.3% 1.9	38.9% 11.5	31.4% 4.9	62.7% 16.5	67.4% 14.7	63.1% 13.0	39.4% 12.4	63.9% 15.2	47.1% 11.2	25.5% 3.9	37.9% 11.6
Stormwater Runoff																			
Impervious Surfaces	0.5% 0.2	0.3% 0.1	0.5% 0.1	19.4% 3.6	0.4% 0.1	2.5% 0.7	2.5% 0.5	3.1% 1.1	27.9% 6.4	3.7% 1.1	2.9% 0.5	0.3% 0.1	0.3% 0.1	1.9% 0.4	0.6% 0.2	- -	0.6% 0.1	0.7% 0.1	1.0% 0.3
Stormwater Network Connect.																			
Wastewater Treatment Plants	1	-	-	-	-	-	1	-	2	1	-	-	-	1	-	-	-	-	-
Urban Fertilizer Application																			
Industrial Point Sources	13.0% 3	- -	- -	8.7% 2	4.3% 1	8.7% 2	- -	8.7% 2	47.8% 11	- -	- -	- -	4.3% 1	4.3% 1	- -	- -	- -	- -	- -
Phosphrorus Exceedance	-	-	-	-	8.3%	6.7%	100.0%	-	-	-	-	-	41.7%	-	9.1%	11.1%	-	-	-
Sample Sites - total phosphorus	19	14	8	19	12	15	4	10	15	21	10	4	12	16	33	9	16	9	15
Exceeds total phosphorus target (0.08 mg/L)	0	0	0	0	1	1	4	0	0	0	0	0	5	0	3	1	0	0	0

Watershed (Count/%) miles/sq. miles	Romney Fraley Ditch 05120105010 1	East Branch Wea Creek 05120108010 2	Haywood Ditch-Wea Creek 05120108010 3	Elliot Ditch 05120108010 4	Little Wea Creek 05120108010 5	Kenny Ditch-Wea Creek 05120108010 6	North Fork Burnett Creek 05120108020 1	Headwaters Burnett Creek 05120108020 2	Cedar Hollow-Wabash River 05120108020 3	Indian Creek 05120108050 1	Jordan Creek-Wabash River 05120108050 2	Lost Creek-Wabash River 05120108050 3	Flint Run-Flint Creek 05120108050 4	Otterbein Ditch-Little Pine Creek 05120108050 5	Armstrong Creek-Little Pine Creek 05120108050 6	Flint Creek-Wabash River 05120108050 7	Headwaters Kickapoo Creek 05120108050 8	West Fork Kickapoo Creek 05120108050 9	Turkey Creek-Wabash River 05120108051 0
Size (sq. mi.)	36.5	28.7	17.6	18.6	33.4	28.4	18.1	35.6	22.9	29.6	15.6	26.3	21.8	20.6	31.5	23.8	23.8	15.3	30.6
Tile Length (mi.)	47.5	73.9	15.3	16.4	15.5	5.1	27.4	50.3	-	16.0	1.3	-	19.7	11.8	3.5	6.2	-	-	-
Stream/Drain Length (mi.)	27.9	27.0	16.1	20.7	49.3	44.5	15.5	46.6	21.4	44.4	27.3	30.3	26.6	25.7	51.8	34.4	33.3	27.5	61.9
Total Drainage Length (mi.)	75.4	100.9	31.4	37.1	64.8	49.6	42.9	96.9	21.4	60.4	28.6	30.3	46.3	37.5	55.3	40.6	33.3	27.5	61.9
Unregulated Animal Operations	(32) 300	(37) 430	(8) 30	(1) <10	(24) 210	(21) 150	(18) 190	(17) 150	(3) 20	(24) 260	(11) 140	(33) 430	(39) 220	(9) 400	(26) 280	(15) 400	(23) 260	(11) 190	(57) 500
Failing Septic Sites																			
Manure Land Application Areas																			
Drainage Density	2.1	3.5	1.8	2.0	1.9	1.7	2.4	2.7	0.9	2.0	1.8	1.2	2.1	1.8	1.8	1.7	1.4	1.8	2.0
Wastewater Treatment Plants	1	-	-	-	-	-	1	-	2	1	-	-	-	1	-	-	-	-	-
Industrial Point Sources	13.0% 3	- -	- -	8.7% 2	4.3% 1	8.7% 2	- -	8.7% 2	47.8% 11	- -	- -	- -	4.3% 1	4.3% 1	- -	- -	- -	- -	- -
Drained Cropland	61.9% 22.6	66.2% 19.0	58.0% 10.2	19.9% 3.7	30.5% 10.2	55.3% 15.7	65.2% 11.8	50.8% 18.1	0.7% 0.2	37.8% 11.2	16.7% 2.6	9.1% 2.4	66.1% 14.4	69.9% 14.4	45.1% 14.2	28.6% 6.8	46.6% 11.1	23.5% 3.6	19.0% 5.8
Nitrate exceedance	10.5%	14.3%	12.5%	-	-	20.0%	-	40.0%	13.3%	-	10.0%	25.0%	-	6.3%	27.3%	-	-	-	20.0%
Sample Sites - nitrate	19	14	8	19	12	15	4	10	15	21	10	4	12	16	33	9	16	9	15
Exceeds nitrate target (2 mg/L)	2	2	1	0	0	3	0	4	2	0	1	1	0	1	9	0	0	0	3

Watershed (Count/%) miles/sq. miles	Romney Fraley Ditch 05120105010 1	East Branch Wea Creek 05120108010 2	Haywood Ditch-Wea Creek 05120108010 3	Elliot Ditch 05120108010 4	Little Wea Creek 05120108010 5	Kenny Ditch-Wea Creek 05120108010 6	North Fork Burnett Creek 05120108020 1	Headwaters Burnett Creek 05120108020 2	Cedar Hollow-Wabash River 05120108020 3	Indian Creek 05120108050 1	Jordan Creek-Wabash River 05120108050 2	Lost Creek-Wabash River 05120108050 3	Flint Run-Flint Creek 05120108050 4	Otterbein Ditch-Little Pine Creek 05120108050 5	Armstrong Creek-Little Pine Creek 05120108050 6	Flint Creek-Wabash River 05120108050 7	Headwaters Kickapoo Creek 05120108050 8	West Fork Kickapoo Creek 05120108050 9	Turkey Creek-Wabash River 05120108051 0
Size (sq. mi.)	36.5	28.7	17.6	18.6	33.4	28.4	18.1	35.6	22.9	29.6	15.6	26.3	21.8	20.6	31.5	23.8	23.8	15.3	30.6
Tile Length (mi.)	47.5	73.9	15.3	16.4	15.5	5.1	27.4	50.3	-	16.0	1.3	-	19.7	11.8	3.5	6.2	-	-	-
Stream/Drain Length (mi.)	27.9	27.0	16.1	20.7	49.3	44.5	15.5	46.6	21.4	44.4	27.3	30.3	26.6	25.7	51.8	34.4	33.3	27.5	61.9
Total Drainage Length (mi.)	75.4	100.9	31.4	37.1	64.8	49.6	42.9	96.9	21.4	60.4	28.6	30.3	46.3	37.5	55.3	40.6	33.3	27.5	61.9
Livestock Access	(1) 0.28	(1) 0.43	-	-	(5) 3.00	(1) 0.53	-	-	-	(1) 0.62	-	(3) 2.49	(2) 2.31	-	(5) 3.42	(2) 0.59	(4) 3.21	-	-
Buffers/Grassed Waterways Needed	39.1% 10.9	71.9% 19.4	79.5% 12.8	32.9% 6.8	44.4% 21.9	46.7% 20.8	58.1% 9.0	42.7% 19.9	- -	72.5% 32.2	17.6% 4.8	12.2% 3.7	56.0% 14.9	22.2% 5.7	27.4% 14.2	63.4% 21.8	46.5% 15.5	26.9% 7.4	2.6% 1.6
Streambank and Bed Erosion	58.8% 16.4	71.9% 19.4	67.7% 10.9	18.8% 3.9	44.4% 21.9	40.0% 17.8	45.2% 7.0	40.6% 18.9	17.8% 3.8	72.4% 32.2	13.9% 3.8	39.3% 11.9	53.0% 14.1	72.8% 18.7	23.7% 12.3	4.1% 1.4	16.5% 5.5	4.4% 1.2	40.9% 25.3
Altered Hydrology	1.0 28	1.0 28	0.4 7	1.1 23	0.5 27	0.9 41	0.6 10	1.1 51	0.3 6	1.2 53	1.2 32	0.4 13	1.0 27	0.7 19	0.7 37	0.9 30	0.5 18	0.7 18	0.7 42
Drainage Density	2.1	3.5	1.8	2.0	1.9	1.7	2.4	2.7	0.9	2.0	1.8	1.2	2.1	1.8	1.8	1.7	1.4	1.8	2.0
Impervious Surfaces	0.5% 0.2	0.3% 0.1	0.5% 0.1	19.4% 3.6	0.4% 0.1	2.5% 0.7	2.5% 0.5	3.1% 1.1	27.9% 6.4	3.7% 1.1	2.9% 0.5	0.3% 0.1	0.3% 0.1	1.9% 0.4	0.6% 0.2	- -	0.6% 0.1	0.7% 0.1	1.0% 0.3
Fragmented Riparian Zones	0.4% 0.13	1.0% 0.30	1.5% 0.27	0.4% 0.08	1.1% 0.37	2.3% 0.64	1.3% 0.24	2.1% 0.73	1.0% 0.22	2.4% 0.72	2.5% 0.39	1.5% 0.39	1.4% 0.30	0.2% 0.05	2.3% 0.71	2.6% 0.62	0.7% 0.16	2.0% 0.31	3.2% 0.98
IBI Score < 36	-	-	1	3	-	-	1	2	(1)	1(2)	-	-	(1)	2	(1)	-	-	3	(1)
QHEI Score < 51	-	-	-	-	-	-	-	-	-	6	1	-	-	1(1)	5(1)	1	-	-	-
mIBI Score < 2.2	-	-	-	1	-	(2)	-	(2)	1	-	2	1	-	(2)	(2)	-	-	-	(2)
IBI Score > 45	-	1	1	-	1	-	-	1	-	2	-	-	-	-	-	1	-	-	-
QHEI Score > 75	-	-	-	-	-	1	-	-	-	2	-	-	-	-	-	-	-	-	-
mIBI Score > 5	-	-	-	-	-	1	-	1	-	-	-	-	-	-	1	-	-	-	1

Appendix K: Load Reductions

BMP/Strategy	Volume			Nitrogen Reduction			Phosphorus Reduction			Sediment Reduction		
	5 years	30 years	To meet goal	5 years	30 years	Goal	5 years	30 years	Goal	5 years	30 years	Goal
Bioreactors	education			104	1040	1040	0	0	0	0	0	0
Conservation Tillage	2,500 acres	11,250 acres	82,745 acres	28,600	128,700	943,114	1,530	6,885	50,453	511,125	2,300,063	16,854,858
Cover Crop	35 acres	15,750 acres	82,745 acres	36,400	163,800	857,376	0	9,639	50,453	0	1,717,380	8,989,258
Drainage Water Management	1,000 acres			4,473	209,664	357,827	0	0	0		0	0
Filter Strip	750 acres	3,375 acres	5,000 acres	10,920	42,937	49,140	765	3,008	3,443	132,893	522,533	598,016
Fish Passage Improvement	N/A	N/A	N/A	--	--	--	--	--	--	--	--	--
Grassed Waterway	16,000 feet	72,000 feet		53.08	225.60	225.60	1.89	8.05	8.05	1,739	7,392	7,392
Green Roof	education	15 roofs		3.75	7.50	7.50	0.66	1.32	1.32	250	500	500
Greenways and Trails	N/A	N/A	N/A	--	--	--	--	--	--	--	--	--
Habitat Corridor Improvement	N/A	N/A	N/A	--	--	--	--	--	--	--	--	--
Livestock Restriction	90,000 feet	90,000 feet	90,000 feet	1,390,366	1,390,366	1,390,366	90,909	90,909	90,909	18,221,811	18,221,811	18,221,811
Low Impact Development	education	education	education	--	--	--		--	--		--	--
Manure Management Planning	1,500 acres	9,000 acres	9,000 acres	24,960	24,960	149,760	1,836	1,836	11,016	245,340	245,340	1,472,040
Nutrient/Pest Management Planning	12,500 acres	50,000 acres	82,440 acres	61,360	217,360	375,102	4,012	14,212	24,526	0	0	0
Pet Waste Control	education	education	education	30,280	75,700	151,400	4,658	11,646	23,292	280,556	1,717,380	1,402,779
Phosphorus-Free Fertilizer				0	0	0	702	10,530	10,530	0	0	0
Porous Pavement	16 acres	96 acres	500 acres	1,019	6,394	54,688	50	301	2,930	19,008	120,049	1,000,422
Prairie Restoration	20 acres	120 acres	500 acres	2,912	5,824	175,633	122	245	7,382	88,595	177,190	5,343,483
Rain Barrel	5,000 barrels	30,000 barrels	100,000 barrels	0	0	0	0	0	0	0	0	0
Rain Garden	75 gardens	450 gardens	3,600 gardens	13	38	313	1	2	19	889	2,668	22,231
Septic System Maintenance	education	education	education	--	--	--	--	--	--	--	--	--
Smart Growth Practices	education	education	education	--	--	--	--	--	--	--	--	--
Streambank Stabilization	1,000 feet	10,000 feet	65,000 feet	0	0	0	1,020	10,200	66,351	204,450	2,044,500	13,299,391
Septic System Upgrades	education	education	education									
T&E Species Protection	N/A	N/A	N/A	--	--	--	--	--	--	--	--	--
Trash Control and Removal	education	education	education	--	--	--	--	--	--	--	--	--
Two Stage Ditch	education			26,358	131,789	131,789	0	0	0	1,151,462	5,757,312	5,757,312
Urban Wildlife Control	education	education	education	--								
Wetland Restoration	500 acres	2,000 acres	8,640 acres	2,293	9,173	34,725	181	723	2,738	105,633	422,530	1,599,530
Wetland Cell Construction	education											
Original Load				4,587,477	4,587,477	4,587,477	294,933	294,933	294,933	63,982,575	63,982,575	63,982,575
Total Load Reduction				1,620,113	2,407,977	4,672,503	105,788	160,145	344,051	20,963,750	33,256,647	74,569,022
% Reduction				35%	52%	102%	36%	54%	117%	33%	52%	117%
Reduction needed to meet target concentrations					79%			85%			80%	

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