

**6.2.7 Site-Specific Management Measures Action Plan Table**

**Table 48.** Site-Specific Management Measures Action Plan.

CITY OF DEKALB												
ID#	Location	Units (Acres or LF)	Existing Condition	Management Measure Recommendation	Pollutant Reduction Efficiency			Priority	Owner & Responsible Entity	Sources of Technical Assistance	Cost Estimate	Implementation Schedule (Years)
					TSS (tons/yr)	TP (lbs/yr)	TN (lbs/yr)					
DETENTION BASIN RETROFITS & MAINTENANCE (SEE FIGURE 69). Technical and Financial Assistance Needs: Technical assistance needed to implement detention basin retrofits is relatively low while financial assistance needs are moderate. Private landowners will need the greatest assistance.												
10A	See Figure 69 for project location	3.1	Large wet-bottomed basin with turf side slopes, eroded toe along half, mowed on three sides in poor ecological condition	Design and implement a project to remove turf, regrade/stabilize and naturalize slopes and buffer with natives and maintain for three years to establish	2	5	17	Medium	Private Owner/ HOA	Ecological Consultant/ Contractor	\$115,000 to design, permit, & construct. \$9,300 to implement three-year M&M.	5-15 Years
10B	See Figure 69 for project location	12.3	Large wet-bottomed basin with turf side slopes, spot erosion evident, and poor ecological condition; geese present	Design and implement a project to remove turf, spot regrade banks where necessary, increase the size of buffer, naturalize buffer & slope with native plants and maintain for three years to establish	21	63	214	High/Critical Area	Private Owner/ HOA	Ecological Consultant/ Contractor	\$237,600 to design, permit, and construct. \$18,450 to implement three-year M&M.	1-10 Years
14A	See Figure 69 for project location	0.4	Wet-bottomed basin with mowed turf side slopes in poor ecological condition	Design and implement a project to naturalize buffer, stop mowing, and maintain for three years to establish	1	3	10	Low	Private Owner/ HOA	Ecological Consultant/ Contractor	\$7,200 to design and construct. \$2,000 to implement three-year M&M	10-20+ Years
14B	See Figure 69 for project location	2.1	Unmaintained wet-bottomed basin with naturalized slopes but willow infested and turf surrounding in average ecological condition	Design and implement a project to remove invasives, extend the buffer, plant sides slopes and buffer with natives, and maintain for three years to establish	4	13	45	Medium	Private Owner/ HOA	Ecological Consultant/ Contractor	\$37,800 to design and construct. \$6,300 to implement three-year M&M.	5-15 Years
14C	See Figure 69 for project location	2.4	Wet-bottomed basin with mowed turf side slopes and severely eroded shoreline in poor ecological condition	Design and implement a project to remove turf, stabilize with rock toe, extend and naturalize buffer and slopes with natives and maintain for three years to establish	3	8	26	High/Critical Area	Private Owner/ HOA	Ecological Consultant/ Contractor	\$133,200 to design, permit, and construct. \$7,200 to implment three-year M&M.	1-10 Years
15A	See Figure 69 for project location	1.9	Cattail and unmowed turf grass bottomed basin in good ecological condition	Design and implement a project to remove invasives, plant sides slopes and buffer with natives and maintain for three years to establish	14	16	59	Medium	City of DeKalb	Ecological Consultant/ Contractor	\$43,200 to design and construct. \$2,700 to implement three-year M&M.	5-15 Years
15C	See Figure 69 for project location	3.2	Naturalized basin in good condition	Design and implement a project to maintain well-established naturalized basin	24	29	103	High/Critical Area	DeKalb High School	Ecological Consultant/ Contractor	\$6,400 per year in perpetuity.	1-10 Years
16A	See Figure 69 for project location	2.3	Naturalized basin in good condition	Design and implement a project to maintain well-established naturalized basin	11	10	32	High/Critical Area	DeKalb High School	Ecological Consultant/ Contractor	\$4,600 per year in perpetuity.	1-10 Years
16B	See Figure 69 for project location	2.9	Naturalized basin in good condition	Design and implement a project to maintain well-established naturalized basin	14	17	61	High/Critical Area	DeKalb High School	Ecological Consultant/ Contractor	\$5,800 per year in perpetuity.	1-10 Years
16C	See Figure 69 for project location	0.9	Recently constructed naturalized dry bottom basin in poor ecological condition	Design and implement a project to maintain for three years to establish	6	8	28	Medium	Christ Community Church	Ecological Consultant/ Contractor	\$6,000 to implement three-year M&M.	5-15 Years
21A	See Figure 69 for project location	20.1	Wet-bottomed basin with mowed turf side slopes in average ecological condition	Design and implement a project to remove turf, plant sides slopes and buffer with natives and maintain for three years to establish	11	15	92	Medium	NIU	Ecological Consultant/ Contractor	\$241,200 to design and construct. \$30,150 to implement three-year M&M.	5-15 Years

ID#	Location	Units (Acres or LF)	Existing Condition	Management Measure Recommendation	Pollutant Reduction Efficiency			Priority	Owner & Responsible Entity	Sources of Technical Assistance	Cost Estimate	Implementation Schedule (Years)
					TSS (tons/yr)	TP (lbs/yr)	TN (lbs/yr)					
21B	See Figure 69 for project location	1.9	Wet-bottomed basin with naturalized side slopes, but weedy and overgrown and in average ecological condition	Design and implement a project to remove invasives, plant sides slopes and buffer with natives and maintain for three years to establish	0	1	1	High/Critical Area	NIU	Ecological Consultant/ Contractor	\$34,200 to design and construct. \$5,700 to implement three-year M&M.	1-10 Years
21F	See Figure 69 for project location	1.6	Dry-bottomed turf grass basin, mowed with concrete channel and in poor ecological condition	Design and implement a project to break channels, naturalize buffer & slopes with natives, and maintain for three years to establish	2	7	20	Medium	Private Owner	Ecological Consultant/ Contractor	\$65,000 to design, permit, and construct. \$7,000 to implement three-year M&M.	5-15 Years
21G	See Figure 69 for project location	10.5	Huge wet-bottomed basin with mowed turf side slopes, moderate erosion at toe and near headwaters in poor ecological condition	Design and implement a project to remove turf, spot regrade banks where necessary, naturalize buffer & slope with native plants and maintain for three years to establish	2	2	6	High/Critical Area	Private Owner/ NIU	Ecological Consultant/ Contractor	\$249,000 to design, permit and construct. \$21,000 to implement three-year M&M.	1-10 Years
21H	See Figure 69 for project location	0.8	Dry-bottomed turf grass basin, mowed with concrete channel and in poor ecological condition	Design and implement a project to break channels, naturalize buffer & slopes with natives, and maintain for three years to establish	7	8	30	Low	Private Owner	Ecological Consultant/ Contractor	\$55,000 to design, permit, and construct. \$6,000 to implement three-year M&M.	10-20+ Years
21I	See Figure 69 for project location	0.3	Dry-bottomed turf grass basin, mowed with concrete channel and in poor ecological condition	Design and implement a project to break channels, naturalize buffer & slopes with natives, and maintain for three years to establish	49	59	209	Low	NIU	Ecological Consultant/ Contractor	\$50,000 to design, permit, and construct. \$5,000 to implement three-year M&M.	10-20+ Years
21J	See Figure 69 for project location	5.2	Wet-bottomed basin with mowed turf side slopes, unmaintained and willow at edge in average ecological condition	Design and implement a project to remove invasives, plant sides slopes and buffer with natives and maintain for three years to establish	56	67	240	Medium	DeKalb Park District	Ecological Consultant/ Contractor	\$78,000 to design, permit and construct. \$13,000 to implement three-year M&M.	5-15 Years
24A	See Figure 69 for project location	1.1	Wet-bottomed basin with mowed turf side slopes, heavily eroded toe with geese present and in poor ecological condition	Design and implement a project to remove turf, install rock toe, naturalize buffer & slope with native plants, stop mowing and maintain for three years to establish	11	13	45	High/Critical Area	Private Owner	Ecological Consultant/ Contractor	\$115,000 to design, permit, and construct. \$8,000 to implement three-year M&M.	1-10 Years
24B	See Figure 69 for project location	1.0	Wet-bottomed basin with mowed turf side slopes, heavily eroded toe with geese present and in poor ecological condition	Design and implement a project to remove turf, install rock toe, naturalize buffer & slope with native plants, stop mowing and maintain for three years to establish	7	8	62	High/Critical Area	Private Owner	Ecological Consultant/ Contractor	\$110,000 to design, permit, and construct. \$8,000 to implement three-year M&M.	1-10 Years
24C	See Figure 69 for project location	2.3	Wet-bottomed basin with mowed turf side slopes, heavily eroded toe with geese present and in poor ecological condition	Design and implement a project to remove turf, install rock toe, naturalize buffer & slope with native plants, stop mowing and maintain for three years to establish	13	16	120	High/Critical Area	Private Owner	Ecological Consultant/ Contractor	\$161,400 to design, permit, and construct. \$12,000 to implement three-year M&M.	1-10 Years
24D	See Figure 69 for project location	1.0	Wet-bottomed basin with mowed turf side slopes, heavily eroded toe with some natives and geese present; in poor ecological condition	Design and implement a project to remove turf, install rock toe, naturalize buffer & slope with native plants, stop mowing and maintain for three years to establish	3	3	25	High/Critical Area	Private Owner	Ecological Consultant/ Contractor	\$110,000 to design, permit, and construct. \$8,000 to implement three-year M&M.	1-10 Years
24E	See Figure 69 for project location	3.1	Wet-bottomed basin with mowed turf side slopes, heavily eroded toe with geese present and in poor ecological condition	Design and implement a project to remove turf, install rock toe, naturalize buffer & slope with native plants, stop mowing and maintain for three years to establish	17	21	155	High/Critical Area	Private Owner	Ecological Consultant/ Contractor	\$195,000 to design, permit, and construct. \$15,000 to implement three-year M&M.	1-10 Years

ID#	Location	Units (Acres or LF)	Existing Condition	Management Measure Recommendation	Pollutant Reduction Efficiency			Priority	Owner & Responsible Entity	Sources of Technical Assistance	Cost Estimate	Implementation Schedule (Years)
					TSS (tons/yr)	TP (lbs/yr)	TN (lbs/yr)					
24F	See Figure 69 for project location	2.9	Wet-bottomed basin with mowed turf side slopes, beginnings of erosion at toe and in poor ecological condition	Design and implement a project to remove turf, spot stabilize banks where necessary, naturalize buffer & slope with native plants and maintain for three years to establish	13	16	96	Low	Private Owner	Ecological Consultant/ Contractor	\$72,200 to design, permit, and construct. \$8,700 to implement three-year M&M.	10-20+ Years
24G	See Figure 69 for project location	0.2	Wet-bottomed basin with mowed turf side slopes, beginnings of erosion at toe and in poor ecological condition	Design and implement a project to remove turf, spot stabilize banks where necessary, naturalize buffer & slope with native plants and maintain for three years to establish	1	4	1	Low	Private Owner	Ecological Consultant/ Contractor	\$25,000 to design, permit, and construct. \$4,000 to implement three-year M&M.	10-20+ Years
24H	See Figure 69 for project location	0.4	Wet-bottomed basin with mowed turf side slopes, beginnings of erosion at toe and in poor ecological condition	Design and implement a project to remove turf, spot stabilize banks where necessary, naturalize buffer & slope with native plants and maintain for three years to establish	3	3	11	Low	Private Owner	Ecological Consultant/ Contractor	\$35,000 to design, permit, and construct. \$4,000 to implement three-year M&M.	10-20+ Years
24I	See Figure 69 for project location	1.5	Wet-bottomed basin with mowed turf side slopes, beginnings of erosion at toe and in poor ecological condition	Design and implement a project to remove turf, spot stabilize banks where necessary, naturalize buffer & slope with native plants and maintain for three years to establish	17	21	75	Low	Private Owner	Ecological Consultant/ Contractor	\$75,000 to design, permit, and construct. \$5,000 to implement three-year M&M.	10-20+ Years
24J	See Figure 69 for project location	1.7	Wet-bottomed basin with mowed turf side slopes, with woodies & evergreens in average ecological condition	Design and implement a project to remove invasives, plant sides slopes and buffer with natives and maintain for three years to establish	10	14	57	Low	Private Owner	Ecological Consultant/ Contractor	\$30,600 to design and construct. \$5,100 to implement three-year M&M.	10-20+ Years
25A	See Figure 69 for project location	2.4	Dry-bottomed mowed turf grass basin in poor ecological condition	Design and implement a project to remove turf, plant sides slopes and buffer with natives and maintain for three years to establish	29	40	168	Low	Private Owner	Ecological Consultant/ Contractor	\$43,200 to design and construct. \$7,200 to implement three-year M&M.	10-20+ Years
30A	See Figure 69 for project location	1.8	Dry-bottomed turf grass basin, mowed with concrete channel and in poor ecological condition; drains NIU field	Design and implement a project to break channels, naturalize buffer & slopes with natives, and maintain for three years to establish	1	4	4	High/Critical Area	NIU	Ecological Consultant/ Contractor	\$110,000 to design, permit, and construct. \$10,000 to implement three-year M&M.	1-10 Years
30C	See Figure 69 for project location	2.8	Wet-bottomed basin with mowed turf side slopes, with riprap toe in poor ecological condition	Design and implement a project to plant natives on slope above rock toe and maintain for three years to establish	9	11	38	Low	NIU	Ecological Consultant/ Contractor	\$50,400 to design and construct. \$8,400 to implement three-year M&M.	10-20+ Years
31A	See Figure 69 for project location	0.5	Dry-bottomed mowed turf grass basin in poor ecological condition	Design and implement a project to remove turf, plant sides slopes and buffer with natives and maintain for three years to establish	10	13	45	Low	Private Owner	Ecological Consultant/ Contractor	\$9,000 to design and construct. \$3,000 to implement three-year M&M.	10-20+ Years
31B	See Figure 69 for project location	3.9	Wet-bottomed basin with natural side slopes and unkept weedy slopes in average ecological condition	Design and implement a project to replant sides slopes and buffer with natives and maintain for three years to establish	10	31	103	Medium	DeKalb Park District	Ecological Consultant/ Contractor	\$70,200 to design and construct. \$11,700 to implement three-year M&M.	5-15 Years
31D	See Figure 69 for project location	8.1	Large wet-bottomed basin with mowed turf side slopes, eroded toe and heavy geese use in poor ecological condition	Design and implement a project to remove turf, regrade/stabilize toe, install rock/biolog as needed, extend buffer to 20 feet, plant sides slopes and buffer with natives and maintain for three years to establish	72	87	310	High/Critical Area	NIU	Ecological Consultant/ Contractor	\$210,000 to design, permit, and construct. \$20,250 to implement three-year M&M.	1-10 Years
33A	See Figure 69 for project location	1.4	Wet-bottomed basin with mowed turf side slopes in poor ecological condition	Design and implement a project to remove turf, plant sides slopes and buffer with natives and maintain for three years to establish	15	21	88	Low	Private Owner	Ecological Consultant/ Contractor	\$25,200 to design and construct. \$4,200 to implement three-year M&M.	10-20+ Years

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					TSS (tons/yr)	TP (lbs/yr)	TN (lbs/yr)					
33C	See Figure 69 for project location	16.6	Huge wet-bottomed basin with mowed turf side slopes in poor ecological condition	Design and implement a project to remove turf, plant sides slopes and buffer with natives and maintain for three years to establish	59	81	344	Medium	Private Owner	Ecological Consultant/ Contractor	\$199,200 do design and construct. \$24,900 to implement three-year M&M.	5-15 Years
33D	See Figure 69 for project location	1.1	Dry-bottomed mowed turf grass basin in poor ecological condition	Design and implement a project to remove turf, plant sides slopes and buffer with natives and maintain for three years to establish	11	15	62	Low	Private Owner	Ecological Consultant/ Contractor	\$19,800 to design and construct. \$4,000 to implement three-year M&M.	10-20+ Years
34B	See Figure 69 for project location	6.6	Dry-bottomed turf grass basin, mowed with concrete channel and in poor ecological condition	Design and implement a project to break channels, naturalize buffer & slopes with natives, and maintain for three years to establish	26	35	149	Medium	Private Owner	Ecological Consultant/ Contractor	\$135,000 to design, permit, and construct. \$16,500 to implement three-year M&M.	5-15 Years
41A	See Figure 69 for project location	1.2	Wetland bottomed basin dominated by cattail & phragmites in average ecological condition	Design and implement a project to remove invasives, plant sides slopes and buffer with natives and maintain for three years to establish	10	12	44	Medium	Private Owner	Ecological Consultant/ Contractor	\$21,600 to design and construct. \$4,000 to implement three-year M&M.	5-15 Years
41B	See Figure 69 for project location	5.6	Wet-bottomed basin with natural side slopes and unkept weedy slopes in average ecological condition	Design and implement a project to naturalize side slopes and buffer with natives and maintain for three years to establish	33	99	332	Medium	DeKalb Park District	Ecological Consultant/ Contractor	\$84,000 to design and construct. \$14,000 to implement three-year M&M.	5-15 Years
41C	See Figure 69 for project location	7.9	Wet-bottomed basin with mowed turf side slopes, highly eroded toe in poor ecological condition	Design and implement a project to remove turf, install rock toe, plant sides slopes and buffer with natives and maintain for three years to establish	4	14	41	Medium	DeKalb Park District	Ecological Consultant/ Contractor	\$180,000 to design, permit, and construct. \$19,750 to implement three-year M&M.	5-15 Years
41D	See Figure 69 for project location	2.0	Wet-bottomed basin with natural side slopes, unmaintained but in good ecological condition	Design and implement a project to maintain well-established naturalized basin	4	12	38	High/ Critical Area	Private Owner	Ecological Consultant/ Contractor	\$4,000 per year in perpetuity.	1-10 Years
41E	See Figure 69 for project location	2.3	Dry-bottomed turf grass basin, unmaintained with cattail & phragmites in average ecological condition	Design and implement a project to remove invasives, plant sides slopes and buffer with natives and maintain for three years to establish	7	9	29	Low	Private Owner	Ecological Consultant/ Contractor	\$41,400 to design and construct. \$6,900 to implement three-year M&M.	10-20+ Years
42A	See Figure 69 for project location	11.0	Wet-bottomed basin with natural side slopes, unsuccessful native planting in average ecological condition	Design and implement a project to remove turf, plant sides slopes and buffer with natives and maintain for three years to establish	17	21	151	Low	Private Owner	Ecological Consultant/ Contractor	\$132,000 to design and construct. \$16,500 to implement three-year M&M.	10-20+ Years
42B	See Figure 69 for project location	15.8	Wet-bottomed basin with natural old, field side slopes in average ecological condition	Design and implement a project to naturalize side slopes and buffer with natives and maintain for three years to establish	94	113	403	Medium	Private Owner	Ecological Consultant/ Contractor	\$189,000 to design and construct. \$23,700 to implement three-year M&M.	5-15 Years
42C	See Figure 69 for project location	1.9	Dry-bottomed turf grass basin, mowed with concrete channel and in poor ecological condition	Design and implement a project to break channels, naturalize buffer & slopes with natives, and maintain for three years to establish	20	24	86	Medium	Private Owner	Ecological Consultant/ Contractor	\$60,000 to design, permit, and construct. \$6,000 to implement three-year M&M.	5-15 Years
42D	See Figure 69 for project location	0.9	Dry-bottomed turf grass basin, mowed with concrete channel and in poor ecological condition	Design and implement a project to break channels, naturalize buffer & slopes with natives, and maintain for three years to establish	14	17	59	Medium	Private Owner	Ecological Consultant/ Contractor	\$40,000 to design, permit, and construct. \$4,000 to implement three-year M&M.	5-15 Years

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					TSS (tons/yr)	TP (lbs/yr)	TN (lbs/yr)					
42E	See Figure 69 for project location	1.2	Dry-bottomed turf grass basin, mowed with concrete channel and in poor ecological condition	Design and implement a project to break channels, naturalize buffer & slopes with natives, and maintain for three years to establish	6	8	28	Medium	Private Owner	Ecological Consultant/ Contractor	\$50,000 to design, permit, and construct. \$5,000 to implement three-year M&M.	5-15 Years
42F	See Figure 69 for project location	0.8	Dry-bottomed turf grass basin, mowed with old concrete overflow at center in poor ecological condition	Design and implement a project to remove turf, plant sides slopes and buffer with natives and maintain for three years to establish	6	10	55	Low	Private Owner	Ecological Consultant/ Contractor	\$14,400 to design and construct. \$4,000 to implement three-year M&M	10-20+ Years
43A	See Figure 69 for project location	9.6	Wetland bottom basin with prairie side slopes, lots of invasives in good ecological condition	Design and implement a project to remove invasives, plant sides slopes and buffer with natives and maintain for three years to establish including burns	22	30	128	High/ Critical Area	Private Owner	Ecological Consultant/ Contractor	\$14,400 per year in perpetuity.	1-10 Years
43B	See Figure 69 for project location	6.2	Dry bottom natural basin, with old field wetland & upland plants in average ecological condition	Design and implement a project to remove turf, plant sides slopes and buffer with natives and maintain for three years to establish	78	107	454	Medium	Private Owner	Ecological Consultant/ Contractor	\$93,000 to design and construct. \$12,400 to implement three-year M&M.	5-15 Years
51A	See Figure 69 for project location	0.5	Dry-bottomed mowed turf grass basin in poor ecological condition	Design and implement a project to remove turf, plant sides slopes and buffer with natives and maintain for three years to establish	2	7	24	Low	Private Owner	Ecological Consultant/ Contractor	\$9,000 to design and construct. \$3,000 to implement three-year M&M.	10-20+ Years
51B	See Figure 69 for project location	0.6	Dry-bottomed mowed turf grass basin in poor ecological condition	Design and implement a project to remove turf, plant sides slopes and buffer with natives and maintain for three years to establish	2	5	18	Low	Private Owner	Ecological Consultant/ Contractor	\$9,000 to design and construct. \$3,000 to implement three-year M&M.	10-20+ Years
51C	See Figure 69 for project location	2.3	Dry-bottomed mowed turf grass basin in poor ecological condition	Design and implement a project to remove turf, plant sides slopes and buffer with natives and maintain for three years to establish	3	9	29	Low	Private Owner	Ecological Consultant/ Contractor	\$41,400 to design and construct. \$6,900 to implement three-year M&M.	10-20+ Years
51D	See Figure 69 for project location	10.0	Wet-bottomed basin with mowed turf side slopes in average ecological condition	Design and implement a project to remove turf, plant sides slopes and buffer with natives and maintain for three years to establish	46	63	273	Low	Private Owner	Ecological Consultant/ Contractor	\$120,000 to design and construct. \$10,500 to implement three-year M&M.	10-20+ Years
51E	See Figure 69 for project location	0.5	Dry-bottomed mowed turf grass basin adjacent to Trib 13 R1 in poor ecological condition	Design and implement a project to remove turf, plant sides slopes and buffer with natives and maintain for three years to establish	11	15	64	Medium	City of DeKalb	Ecological Consultant/ Contractor	\$9,000 to design and construct. \$3,000 to implement three-year M&M.	5-15 Years
51F	See Figure 69 for project location	1.7	Wetland bottom basin with mowed turf side slopes, cattail and willow present and in average ecological condition	Design and implement a project to remove invasives, plant sides slopes and buffer with natives and maintain for three years to establish	9	13	55	High/ Critical Area	City of DeKalb	Ecological Consultant/ Contractor	\$30,600 to design and construct. \$5,100 to implement three-year M&M.	1-10 Years
51G	See Figure 69 for project location	0.7	Wetland bottom basin with old field and mowed turf slopes in average ecological condition	Design and implement a project to remove turf, plant sides slopes and buffer with natives and maintain for three years to establish	4	24	6	Low	Private Owner	Ecological Consultant/ Contractor	\$11,000 to design and construct. \$4,000 to implement three-year M&M.	10-20+ Years
51H	See Figure 69 for project location	3.2	Wetland bottom basin with mowed turf side slopes, cattail and willow present and in average ecological condition	Design and implement a project to remove invasives, plant sides slopes and buffer with natives and maintain for three years to establish	5	6	32	Medium	Private Owner	Ecological Consultant/ Contractor	\$57,600 to design and construct. \$9,600 to implement three-year M&M.	5-15 Years

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					TSS (tons/yr)	TP (lbs/yr)	TN (lbs/yr)					
51I	See Figure 69 for project location	2.9	Dry-bottomed mowed turf grass basin in poor ecological condition, drains subdivision	Design and implement a project to remove turf, plant sides slopes and buffer with natives and maintain for three years to establish	3	8	26	Low	Private Owner	Ecological Consultant/ Contractor	\$52,200 to design and construct. \$8,700 to implement three-year M&M.	10-20+ Years
51K	See Figure 69 for project location	0.7	Dry-bottomed mowed turf grass basin in poor ecological condition	Design and implement a project to remove turf, plant sides slopes and buffer with natives and maintain for three years to establish	2	2	14	Low	Private Owner	Ecological Consultant/ Contractor	\$12,600 to design and construct. \$4,000 to implement three-year M&M.	10-20+ Years
52A	See Figure 69 for project location	21.6	Wet-bottomed basin with mowed turf side slopes in average ecological condition	Design and implement a project to remove turf, plant sides slopes and buffer with natives and maintain for three years to establish	52	76	303	Low	Private Owner	Ecological Consultant/ Contractor	\$250,000 to design and install. \$32,400 to implement three-year M&M.	10-20+ Years
52B	See Figure 69 for project location	0.6	Wetland bottom basin with mowed turf side slopes, cattail present in average ecological condition	Design and implement a project to remove invasives, plant sides slopes and buffer with natives and maintain for three years to establish	3	7	24	Low	DeKalb Township	Ecological Consultant/ Contractor	\$12,600 to design and construct. \$4,000 to implement three-year M&M.	10-20+ Years
53A	See Figure 69 for project location	5.8	Wetland bottom basin filled with cattail marsh in good ecological condition	Design and implement a project to remove invasives, plant sides slopes and buffer with natives and maintain for three years to establish	69	95	403	Medium	Private Owner	Ecological Consultant/ Contractor	\$87,000 to design and construct. \$14,500 to implement three-year M&M.	5-15 Years
62A	See Figure 69 for project location	0.3	Dry-bottomed mowed turf grass basin in poor ecological condition	Design and implement a project to remove turf, plant sides slopes and buffer with natives and maintain for three years to establish	0	0	1	Low	Private Owner	Ecological Consultant/ Contractor	\$10,000 to design and construct. \$3,000 to implement three-year M&M.	10-20+ Years
62B	See Figure 69 for project location	0.6	Dry-bottomed mowed turf grass basin in poor ecological condition	Design and implement a project to remove turf, plant sides slopes and buffer with natives and maintain for three years to establish	1	2	6	Low	Private Owner	Ecological Consultant/ Contractor	\$12,600 to design and construct. \$4,000 to implement three-year M&M.	10-20+ Years
62C	See Figure 69 for project location	2.5	Dry-bottomed mowed turf grass basin in poor ecological condition	Design and implement a project to remove turf, plant sides slopes and buffer with natives and maintain for three years to establish	1	4	4	Medium	Private Owner	Ecological Consultant/ Contractor	\$45,000 to design and construct. \$7,500 to implement three-year M&M.	5-15 Years
62D	See Figure 69 for project location	5.2	Wet-bottomed basin with mowed turf side slopes in poor ecological condition	Design and implement a project to remove turf, plant sides slopes and buffer with natives and maintain for three years to establish	4	12	39	Low	Private Owner	Ecological Consultant/ Contractor	\$78,000 to design and construct. \$13,000 to implement three-year M&M.	10-20+ Years
62E	See Figure 69 for project location	2.7	Wet-bottomed basin with mowed turf side slopes in poor ecological condition	Design and implement a project to remove turf, plant sides slopes and buffer with natives and maintain for three years to establish	24	33	141	Low	Private Owner	Ecological Consultant/ Contractor	\$48,600 to design and construct. \$8,100 to implement three-year M&M.	10-20+ Years
<b>OTHER MANAGEMENT MEASURES (SEE FIGURE 73).</b> Technical and Financial Assistance Needs: Technical and financial assistance needed to implement these projects varies depending on complexity.												
17A	See Figure 73 for project location	58.6	PA Nehring FP: degraded mesic oak woodland	Develop and implement a natural resource inventory & management plan and implement plan	0	3	5	High/ Critical Area	DCFPD	Ecological Consultant/ Contractor	\$20,000 to develop NRI and \$348,000 to implement.	1-10 Years
17B	See Figure 73 for project location	87.4	Buena Vista golf course is a typical golf course set within a mowed remnant savanna along the river	Design and implement a project to remove turf in rough areas and replace with native vegetation, particularly under oak trees, and maintain for three years to establish	2	15	35	High/ Critical Area	DeKalb Park District	Ecological Consultant/ Contractor	\$180,000 to design and construct. \$30,000 to implement three-year M&M.	1-10 Years

ID#	Location	Units (Acres or LF)	Existing Condition	Management Measure Recommendation	Pollutant Reduction Efficiency			Priority	Owner & Responsible Entity	Sources of Technical Assistance	Cost Estimate	Implementation Schedule (Years)
					TSS (tons/yr)	TP (lbs/yr)	TN (lbs/yr)					
17D	See Figure 73 for project location	138.1	Kishwaukee Country Club golf course is a typical golf course set within a mowed remnant savanna along the river	Design and implement a project to remove turf in rough areas and replace with native vegetation, particularly under oak trees, and maintain for three years to establish	3	24	55	High/Critical Area	Kishwaukee Country Club	Ecological Consultant/ Contractor	\$300,000 to design and construct. \$50,000 to implement three-year M&M.	1-10 Years
23A	See Figure 73 for project location	47.7	Large existing mowed turf/park on slope	Design and implement a project to convert area to prairie, maintain, add signage, maintain for three years	22	16	98	Medium	NIU	Ecological Consultant/ Contractor	\$286,000 to design and construct. \$47,000 to implement three-year M&M.	5-15 Years
24K	See Figure 73 for project location	14.6	Turf/park throughout remnant oak woodland	Design and implement a project to replace turf w/natives under oaks, maintain for three years	0	1	1	High/Critical Area	DeKalb Park District	Ecological Consultant/ Contractor	\$116,000 to design and construct. \$21,900 to implement three-year M&M	1-10 Years
24L	See Figure 73 for project location	8.3	County Farm Woods - degraded woodland dominated but dominated by young oaks	Develop and implement a natural resource inventory & management plan	2	3	20	High/Critical Area	DCFPD	Ecological Consultant/ Contractor	\$10,000 to develop NRI and \$83,000 to implement.	1-10 Years
31C	See Figure 73 for project location	3.6	Remnant but degraded mesic oak woodland	Develop and implement a project to thin invasive species, open canopy, burn, etc. Would make excellent educational project.	2	2	15	Medium	NIU	Ecological Consultant/ Contractor	\$36,000 to implement ecological restoration and \$5,000 to design and install educational signage.	5-15 Years
31E	See Figure 73 for project location	106.3	Prairie Park - degraded remnant woodland and prairie	Develop and implement a natural resource inventory & management plan	1	8	11	High/Critical Area	DeKalb Park District	Ecological Consultant/ Contractor	\$25,000 to develop NRI and \$530,000 to implement.	1-10 Years
32A	See Figure 73 for project location	11.4	Degraded remnant mesic oak woodland.	Thin canopy, remove shrubs, plant ground layer with native vegetation.	3	5	29	Medium	DeKalb Park District	Ecological Consultant/ Contractor	\$114,000 to implement ecological restoration.	5-15 Years
33B	See Figure 73 for project location	17.4	Degraded wetland complex dominated by invasive phragmites	Implement maintenance to eradicate phragmites	2	4	17	High/Critical Area	DeKalb Taylor Municipal Airport	Ecological Consultant/ Contractor	\$34,800 to implement maintenance	1-10 Years
40A	See Figure 73 for project location	36.8	Series of online naturalized detention basins where old tributary channel was historically located. Area is in good ecological condition	Maintain on annual basis and in perpetuity	33	99	335	High/Critical Area	DeKalb Park District/ Private Owner	Ecological Consultant/ Contractor	\$55,200 per year in perpetuity.	1-10 Years
51J	See Figure 73 for project location	141.3	River Heights Golf Course is a typical golf course in previously farmed areas, no remnant remaining	Design and implement a project to remove turf in rough areas, replace with native vegetation, and maintain for three years to establish	3	25	57	High/Critical Area	DeKalb Park District	Ecological Consultant/ Contractor	\$300,000 to design and construct. \$50,000 to implement three-year M&M.	1-10 Years
52C	See Figure 73 for project location	20.9	Degraded wetland complex dominated by second growth weedy vegetation.	Develop and implement a natural resource inventory & management plan	7	10	62	High/Critical Area	DeKalb Park District	Ecological Consultant/ Contractor	\$15,000 to develop NRI and \$167,200 to implement.	1-10 Years

**WETLAND RESTORATION RECOMMENDATIONS (See Figure 70).** Technical and Financial Assistance Needs: Wetland restoration projects are typically complex and require high technical and financial assistance needs to protect land, design, construct, monitor, and maintain the restoration.

15B	See Figure 70 for project location	25.8	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	23	28	124	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$258,000 to design, permit, and construct. \$38,700 to implement three-year M&M.	5-15 Years
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ID#	Location	Units (Acres or LF)	Existing Condition	Management Measure Recommendation	Pollutant Reduction Efficiency			Priority	Owner & Responsible Entity	Sources of Technical Assistance	Cost Estimate	Implementation Schedule (Years)
					TSS (tons/yr)	TP (lbs/yr)	TN (lbs/yr)					
34A	See Figure 70 for project location	12.9	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	3	5	18	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$129,000 to design, permit, and construct. \$19,350 to implement three-year M&M.	5-15 Years
43C	See Figure 70 for project location	7.0	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	12	17	77	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$105,000 to design, permit, and construct. \$17,500 to implement three-year M&M.	5-15 Years

**STREAMBANK & RIPARIAN AREA RESTORATION RECOMMENDATIONS (See Figure 71).** Technical and Financial Assistance Needs: Stream restorations are complex and require high technical and financial assistance needs to protect land, design, construct, monitor, and maintain the restoration. The project becomes more complex in areas that flow through several governing bodies or multiple private residences. Technical and financial assistance associated with stream maintenance is generally low for minor tasks such as removing debris.

SB09	See Figure 71 for project location	2,242.3	2,242 lf of stream exhibiting moderate channelization, moderate levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, spot stabilize eroding banks where necessary, and restore with native vegetation; maintain for three years to ensure establishment	128	113	262	Medium	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$336,000 to design, permit, and construct. \$15,000 to implement three-year M&M.	5-15 Years
SB10	See Figure 71 for project location	6,588.9	6,589 lf of stream exhibiting moderate channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	23	60	379	High/ Critical Area	Private Owner(s)/ DPD/ City of DeKalb	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$300,000 to design and construct. \$22,500 to implement three-year M&M.	1-10 Years
SB11	See Figure 71 for project location	7,014.9	7,015 lf of stream exhibiting moderate channelization, moderate levels of erosion and average overall riparian area condition	Design, permit, and implement a project to remove invasives, spot stabilize eroding banks where necessary, and restore riparian buffer with native vegetation; maintain for three years to ensure establishment	321	287	639	Medium	Private Owner(s)/ DPD/ City of DeKalb	USACE, IDNR, Engineer, Environmental Consultant/ Contractor	\$350,000 to design, permit, and construct. \$22,500 to implement three-year M&M.	5-15 Years
SB12	See Figure 71 for project location	10,543.6	10,544 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	20	64	414	Medium	Private Owner(s)/ NIU/ City of DeKalb/ KWRD	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$145,000 to design and construct. \$63,000 to implement three-year M&M.	5-15 Years
SB13	See Figure 71 for project location	10,139.3	10,139 lf of stream exhibiting low channelization, high levels of erosion and poor overall riparian area condition	Design, permit, and implement a project to remove invasives, spot stabilize eroding banks where necessary, and restore riparian buffer with native vegetation; maintain for three years to ensure establishment	1,749	1,531	3,212	High/ Critical Area	Private Owner(s)/ DPD/ DCFPD/ City of DeKalb	USACE, IDNR, Engineer, Environmental Consultant/ Contractor	\$2.4 M to design, permit, and construct. \$35,000 to implement three-year M&M.	1-10 Years
T12R1	See Figure 71 for project location	2,725.6	2,726 lf of stream exhibiting low channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to remove invasives and restore with native vegetation; maintain for three years to ensure establishment	20	30	256	Medium	Private Owner(s)/ City of DeKalb	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$50,000 to design and construct. \$16,000 to implement three-year M&M.	5-15 Years



ID#	Location	Units (Acres or LF)	Existing Condition	Management Measure Recommendation	Pollutant Reduction Efficiency			Priority	Owner & Responsible Entity	Sources of Technical Assistance	Cost Estimate	Implementation Schedule (Years)
					TSS (tons/yr)	TP (lbs/yr)	TN (lbs/yr)					
T13R1	See Figure 71 for project location	2,869.8	2,870 lf of stream exhibiting low channelization, moderate levels of erosion and poor overall riparian area condition	Design, permit, and implement a project to remove invasives, spot stabilize eroding banks where necessary, and restore riparian buffer with native vegetation; maintain for three years to ensure establishment	102	91	262	Medium	Private Owner(s)/ City of DeKalb	USACE, IDNR, Engineer, Environmental Consultant/ Contractor	\$482,500 to design, permit, and construct. \$16,500 to implement three-year M&M.	5-15 Years
T13R2	See Figure 71 for project location	2,103.8	2,104 lf of stream exhibiting low channelization, moderate levels of erosion and poor overall riparian area condition	Design, permit, and implement a project to remove invasives, spot stabilize eroding banks where necessary, and restore riparian buffer with native vegetation; maintain for three years to ensure establishment	76	69	188	High/Critical Area	Private Owner(s)/ City of DeKalb	USACE, IDNR, Engineer, Environmental Consultant/ Contractor	\$363,000 to design, permit, and construct. \$14,500 to implement three-year M&M.	1-10 Years
T14R1	See Figure 71 for project location	3,222.1	3,222 lf of stream exhibiting low channelization, low levels of erosion and average overall riparian area condition	Design and implement a project to manage and maintain riparian area	0	3	4	Medium	Private Owner(s)/ DPD/ City of DeKalb	Environmental Consultant/ Contractor, DCSWCD	\$18,500 per year in perpetuity.	5-15 Years
T15R1	See Figure 71 for project location	2,731.6	2,732 lf of stream exhibiting moderate channelization, high levels of erosion and poor overall riparian area condition	Design, permit, and implement a project to remove invasives, spot stabilize eroding banks where necessary, and restore riparian buffer with native vegetation; maintain for three years to ensure establishment	307	274	730	High/Critical Area	NIU	USACE, IDNR, Engineer, Environmental Consultant/ Contractor	\$665,000 to design, permit, and construct. \$14,500 to implement three-year M&M.	1-10 Years
T15R2	See Figure 71 for project location	2,648.8	2,649 lf of stream exhibiting moderate channelization, high levels of erosion and poor overall riparian area condition; part of this reach is buried in a pipe	Design, permit, and implement a project to daylight buried portions of stream, remove invasives, spot stabilize eroding banks where necessary, and restore riparian buffer with native vegetation; maintain for three years to ensure establishment	301	270	730	High/Critical Area	NIU	USACE, IDNR, Engineer, Environmental Consultant/ Contractor	\$845,000 to design, permit, and construct. \$17,000 to implement three-year M&M.	1-10 Years
T16R1	See Figure 71 for project location	989.0	989 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	4	7	46	Low	Private Owner(s)/ DPD/ City of DeKalb	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$23,000 to design and construct. \$7,500 to implement three-year M&M.	10-20+ Years
T17R1	See Figure 71 for project location	1,967.1	1,967 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to manage and maintain riparian area	9	15	178	Low	Private Owner(s)/ City of DeKalb	Environmental Consultant/ Contractor, DCSWCD	\$14,000 per year in perpetuity.	10-20+ Years

# DEKALB COUNTY

ID#	Location	Units (Acres or LF)	Existing Condition	Management Measure Recommendation	Pollutant Reduction Efficiency			Priority	Owner & Responsible Entity	Sources of Technical Assistance	Cost Estimate	Implementation Schedule (Years)
					TSS (tons/yr)	TP (lbs/yr)	TN (lbs/yr)					
<b>AGRICULTURAL MANAGEMENT PRACTICES (See Figure 72).</b> Technical and Financial Assistance Needs: Technical assistance needed to implement farm management practices vary widely based on differences between individual farms, but can be relatively low because NRCS can provide much of this information and matching funds.												
8A	See Figure 72 for project location	21.1	Traditional row crop agricultural field with obviously eroded swale draining land	Design and implement a project to install permanent vegetative waterways as prairie habitat on private agricultural land	231	316	593	Medium	Private Owner	NRCS, DCSWCD	\$126,000 to design and construct. \$31,650 to implement three-year M&M.	5-15 Years
8B	See Figure 72 for project location	27.9	Traditional row crop agricultural field with obviously eroded swale draining land	Design and implement a project to install permanent vegetative waterways as prairie habitat on private agricultural land	289	398	747	Medium	Private Owner	NRCS, DCSWCD	\$167,000 to design and construct. \$41,850 to implement three-year M&M.	5-15 Years
9B	See Figure 72 for project location	14.1	Traditional row crop agricultural field with obviously eroded swale draining land	Design and implement a project to install permanent vegetative waterways as prairie habitat on private agricultural land	199	271	509	Medium	Private Owner	NRCS, DCSWCD	\$84,600 to design and construct. \$21,150 to implement three-year M&M.	5-15 Years
51L	See Figure 72 for project location	6	Traditional row crop agricultural field with obviously eroded swale draining land	Design and implement a project to install permanent vegetative waterways as prairie habitat on private agricultural land	147	200	375	Medium	Private Owner	NRCS, DCSWCD	\$48,000 to design and construct. \$15,000 to implement three-year M&M.	5-15 Years
63A	See Figure 72 for project location	3.1	Traditional row crop agricultural field with obviously eroded swale draining land	Design and implement a project to install permanent vegetative waterways as prairie habitat on private agricultural land	125	169	316	Medium	Private Owner	NRCS, DCSWCD	\$31,000 to design and construct. \$9,300 to implement three-year M&M.	5-15 Years
71B	See Figure 72 for project location	8.1	Traditional row crop agricultural field with obviously eroded swale draining land	Design and implement a project to install permanent vegetative waterways as prairie habitat on private agricultural land	151	204	384	Medium	Private Owner	NRCS, DCSWCD	\$64,800 to design and construct. \$20,250 to implement three-year M&M.	5-15 Years
78A	See Figure 72 for project location	4	Traditional row crop agricultural field with obviously eroded swale draining land	Design and implement a project to install permanent vegetative waterways as prairie habitat on private agricultural land	86	115	215	High/ Critical Area	Private Owner	NRCS, DCSWCD	\$40,000 to design and construct. \$12,000 to implement three-year M&M.	1-10 Years
78B	See Figure 72 for project location	6.6	Traditional row crop agricultural field with obviously eroded swale draining land	Design and implement a project to install permanent vegetative waterways as prairie habitat on private agricultural land	81	108	202	Medium	Private Owner	NRCS, DCSWCD	\$52,800 to design and construct. \$16,500 to implement three-year M&M.	5-15 Years
78E	See Figure 72 for project location	10.8	Traditional row crop agricultural field with obviously eroded swale draining land	Design and implement a project to install permanent vegetative waterways as prairie habitat on private agricultural land	71	94	176	Medium	Private Owner	NRCS, DCSWCD	\$64,800 to design and construct. \$16,200 to implement three-year M&M.	5-15 Years
81B	See Figure 72 for project location	8.3	Traditional row crop agricultural field with obviously eroded swale draining land	Design and implement a project to install permanent vegetative waterways as prairie habitat on private agricultural land	107	144	270	Medium	Private Owner	NRCS, DCSWCD	\$66,400 to design and construct. \$20,750 to implement three-year M&M.	5-15 Years
90A	See Figure 72 for project location	10.1	Traditional row crop agricultural field with obviously eroded swale draining land	Design and implement a project to install permanent vegetative waterways as prairie habitat on private agricultural land	95	127	238	High/ Critical Area	Private Owner	NRCS, DCSWCD	\$80,800 to design and construct. \$25,250 to implement three-year M&M.	1-10 Years

ID#	Location	Units (Acres or LF)	Existing Condition	Management Measure Recommendation	Pollutant Reduction Efficiency			Priority	Owner & Responsible Entity	Sources of Technical Assistance	Cost Estimate	Implementation Schedule (Years)
					TSS (tons/yr)	TP (lbs/yr)	TN (lbs/yr)					
90B	See Figure 72 for project location	14.8	Traditional row crop agricultural field with obviously eroded swale draining land	Design and implement a project to install permanent vegetative waterways as prairie habitat on private agricultural land	126	170	319	Medium	Private Owner	NRCS, DCSWCD	\$88,800 to design and construct. \$37,000 to implement three-year M&M.	5-15 Years
96B	See Figure 72 for project location	5.6	Traditional row crop agricultural field with obviously eroded swale draining land	Design and implement a project to install permanent vegetative waterways as prairie habitat on private agricultural land	136	183	344	Medium	Private Owner	NRCS, DCSWCD	\$44,800 to design and construct. \$14,000 to implement three-year M&M.	5-15 Years
117A	See Figure 72 for project location	6	Traditional row crop agricultural field with obviously eroded swale draining land	Design and implement a project to install permanent vegetative waterways as prairie habitat on private agricultural land	59	78	146	High/Critical Area	Private Owner	NRCS, DCSWCD	\$48,000 to design and construct. \$15,000 to implement three-year M&M.	1-10 Years
117C	See Figure 72 for project location	28	Traditional row crop agricultural field with obviously eroded swale draining land	Design and implement a project to install permanent vegetative waterways as prairie habitat on private agricultural land	253	348	654	High/Critical Area	Private Owner	NRCS, DCSWCD	\$168,000 to design and construct. \$42,000 to implement three-year M&M.	1-10 Years

**DETENTION BASIN RETROFITS & MAINTENANCE (SEE FIGURE 69).** Technical and Financial Assistance Needs: Technical assistance needed to implement detention basin retrofits is relatively low while financial assistance needs are moderate. Private landowners will need the greatest assistance.

11A	See Figure 69 for project location	6.5	Large wet-bottomed basin with turf side slopes, naturalized but unmaintained in average ecological condition	Design and implement a project to remove invasives, plant sides slopes and buffer with natives and maintain for three years to establish	1	5	6	High/Critical Area	Private Owner	Ecological Consultant/ Contractor	\$97,500 to design and construct. \$16,250 to implement three-year M&M.	1-10 Years
17C	See Figure 69 for project location	3.0	Naturalized wet-bottomed basin but unmaintained and in good ecological condition	Design and implement a project to reseed basin and slopes with natives and maintain for three years to establish	3	44	156	Medium	Private Owner/ Northwestern Medicine	Ecological Consultant/ Contractor	\$54,000 to design and construct. \$9,000 to implement three-year M&M.	5-15 Years
21E	See Figure 69 for project location	2.3	Wet-bottomed basin with mowed turf side slopes in poor ecological condition	Design and implement a project to remove turf, plant sides slopes and buffer with natives and maintain for three years to establish	23	28	106	Low	Private Owner	Ecological Consultant/ Contractor	\$41,400 to design and construct. \$6,900 to implement three-year M&M.	10-20+ Years
30B	See Figure 69 for project location	1.5	Wet-bottomed basin with natural side slopes, failed partially native seeding in average ecological condition	Design and implement a project to replant sides slopes and buffer with natives and maintain for three years to establish	1	7	8	Low	NIU	Ecological Consultant/ Contractor	\$27,000 to design and construct. \$4,500 to implement three-year M&M.	10-20+ Years

**WETLAND RESTORATION RECOMMENDATIONS (See Figure 70).** Technical and Financial Assistance Needs: Wetland restoration projects are typically complex and require high technical and financial assistance needs to protect land, design, construct, monitor, and maintain the restoration.

9A	See Figure 70 for project location	9.5	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	5	6	39	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$142,500 to design, permit, and construct. \$23,750 to implement three-year M&M.	5-15 Years
14D	See Figure 70 for project location	15.6	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	11	15	91	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$155,000 to design, permit and construct. \$23,250 to implement three-year M&M.	5-15 Years

ID#	Location	Units (Acres or LF)	Existing Condition	Management Measure Recommendation	Pollutant Reduction Efficiency			Priority	Owner & Responsible Entity	Sources of Technical Assistance	Cost Estimate	Implementation Schedule (Years)
					TSS (tons/yr)	TP (lbs/yr)	TN (lbs/yr)					
20A	See Figure 70 for project location	91	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	30	40	245	High/Critical Area	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$455,000 to design, permit, and construct. \$91,000 to implement three-year M&M.	1-10 Years
21C	See Figure 70 for project location	15.8	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	7	9	53	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$158,000 to design, permit, and construct. \$23,700 to implement three-year M&M.	5-15 Years
21D	See Figure 70 for project location	15.4	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	7	9	55	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$158,000 to design, permit, and construct. \$23,700 to implement three-year M&M.	5-15 Years
29A	See Figure 70 for project location	17.1	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	6	8	46	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$171,000 to design, permit, and construct. \$25,650 to implement three-year M&M.	5-15 Years
29B	See Figure 70 for project location	21.7	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	3	4	26	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$217,000 to design, permit, and construct. \$25,350 to implement three-year M&M.	5-15 Years
36A	See Figure 70 for project location	79.4	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	11	15	89	High/Critical Area	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$397,000 to design, permit, and construct. \$79,400 to implement three-year M&M.	1-10 Years
39A	See Figure 70 for project location	10.2	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	2	6	35	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$102,000 to design, permit, and construct. \$15,300 to implement three-year M&M.	5-15 Years
39B	See Figure 70 for project location	23.3	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	13	17	104	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$233,000 to design, permit, and construct. \$34,950 to implement three-year M&M.	5-15 Years
45A	See Figure 70 for project location	19.8	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	9	12	73	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$198,000 to design, permit, and construct. \$29,700 to implement three-year M&M.	5-15 Years
45B	See Figure 70 for project location	24.5	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	3	5	28	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$245,000 to design, permit, and construct. \$36,750 to implement three-year M&M.	5-15 Years

ID#	Location	Units (Acres or LF)	Existing Condition	Management Measure Recommendation	Pollutant Reduction Efficiency			Priority	Owner & Responsible Entity	Sources of Technical Assistance	Cost Estimate	Implementation Schedule (Years)
					TSS (tons/yr)	TP (lbs/yr)	TN (lbs/yr)					
45C	See Figure 70 for project location	17.6	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	11	15	89	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$176,000 to design, permit, and construct. \$26,400 to implement three-year M&M.	5-15 Years
47A	See Figure 70 for project location	7.9	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	7	59	10	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$118,500 to design, permit, and construct. \$19,750 to implement three-year M&M.	5-15 Years
48A	See Figure 70 for project location	11.1	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	3	4	25	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$111,000 to design, permit, and construct. \$16,650 to implement three-year M&M.	5-15 Years
56A	See Figure 70 for project location	40.7	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	9	11	70	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$407,000 to design, permit, and construct. \$40,700 to implement three-year M&M.	5-15 Years
57A	See Figure 70 for project location	13.7	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	5	6	38	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$137,000 to design, permit, and construct. \$20,550 to implement three-year M&M.	5-15 Years
57B	See Figure 70 for project location	21.2	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	8	11	67	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$212,000 to design, permit, and construct. \$31,800 to implement three-year M&M.	5-15 Years
60A	See Figure 70 for project location	14.7	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	2	3	17	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$147,000 to design, permit, and construct. \$22,050 to implement three-year M&M.	5-15 Years
61A	See Figure 70 for project location	22.7	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	2	3	20	High/Critical Area	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$227,000 to design, permit, and construct. \$34,050 to implement three-year M&M.	1-10 Years
66A	See Figure 70 for project location	23.2	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	14	19	115	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$232,000 to design, permit, and construct. \$34,800 to implement three-year M&M.	5-15 Years
68A	See Figure 70 for project location	13	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	9	11	70	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$130,000 to design, permit, and construct. \$19,500 to implement three-year M&M.	5-15 Years

ID#	Location	Units (Acres or LF)	Existing Condition	Management Measure Recommendation	Pollutant Reduction Efficiency			Priority	Owner & Responsible Entity	Sources of Technical Assistance	Cost Estimate	Implementation Schedule (Years)
					TSS (tons/yr)	TP (lbs/yr)	TN (lbs/yr)					
69A	See Figure 70 for project location	14.5	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	12	16	95	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$145,000 to design, permit, and construct. \$31,750 to implement three-year M&M.	5-15 Years
71A	See Figure 70 for project location	35.1	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	4	6	35	High/ Critical Area	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$351,000 to design, permit, and construct. \$52,650 to implement three-year M&M.	1-10 Years
73A	See Figure 70 for project location	9.6	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	8	10	61	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$144,000 to design, permit, and construct. \$24,000 to implement three-year M&M.	5-15 Years
73B	See Figure 70 for project location	46.4	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	11	15	93	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$466,000 to design, permit, and construct. \$46,400 to implement three-year M&M.	5-15 Years
73C	See Figure 70 for project location	27	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	13	18	107	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$270,000 to design, permit, and construct. \$40,500 to implement three-year M&M.	5-15 Years
75A	See Figure 70 for project location	17.9	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	4	2	34	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$179,000 to design, permit, and construct. \$28,850 to implement three-year M&M.	5-15 Years
77A	See Figure 70 for project location	16	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	7	9	56	High/ Critical Area	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$160,000 to design, permit, and construct. \$24,000 to implement three-year M&M.	1-10 Years
77B	See Figure 70 for project location	8.7	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	4	5	31	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$130,500 to design, permit, and construct. \$21,750 to implement three-year M&M.	5-15 Years
78C	See Figure 70 for project location	28.4	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	6	9	52	High/ Critical Area	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$284,000 to design, permit, and construct. \$42,600 to implement three-year M&M.	1-10 Years
78D	See Figure 70 for project location	15.5	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	2	3	19	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$155,000 to design, permit, and construct. \$23,250 to implement three-year M&M.	5-15 Years

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					TSS (tons/yr)	TP (lbs/yr)	TN (lbs/yr)					
80A	See Figure 70 for project location	31.8	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	11	14	85	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$318,000 to design, permit, and construct. \$47,700 to implement three-year M&M.	5-15 Years
81A	See Figure 70 for project location	10.7	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	9	13	76	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$107,000 to design, permit, and construct. \$16,050 to implement three-year M&M.	5-15 Years
81C	See Figure 70 for project location	15.3	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	11	14	87	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$153,000 to design, permit, and construct. \$22,950 to implement three-year M&M.	5-15 Years
82A	See Figure 70 for project location	14.4	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	4	5	30	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$144,000 to design, permit, and construct. \$24,000 to implement three-year M&M.	5-15 Years
82B	See Figure 70 for project location	17	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	6	8	49	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$170,000 to design, permit, and construct. \$25,500 to implement three-year M&M.	5-15 Years
85A	See Figure 70 for project location	26.4	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	10	13	77	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$264,000 to design, permit, and construct. \$39,600 to implement three-year M&M.	5-15 Years
85B	See Figure 70 for project location	18.8	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	6	8	48	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$188,000 to design, permit, and construct. \$28,200 to implement three-year M&M.	5-15 Years
85C	See Figure 70 for project location	9.8	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	4	5	29	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$147,000 to design, permit, and construct. \$22,050 to implement three-year M&M.	5-15 Years
91A	See Figure 70 for project location	13.8	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	3	4	24	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$138,000 to design, permit, and construct. \$20,700 to implement three-year M&M.	5-15 Years
91B	See Figure 70 for project location	10.9	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	4	5	32	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$109,000 to design, permit, and construct. \$16,350 to implement three-year M&M.	5-15 Years

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					TSS (tons/yr)	TP (lbs/yr)	TN (lbs/yr)					
94A	See Figure 70 for project location	28	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	12	16	100	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$280,000 to design, permit, and construct. \$42,000 to implement three-year M&M.	5-15 Years
96A	See Figure 70 for project location	5.3	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	5	6	38	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$79,500 to design, permit, and construct. \$13,250 to implement three-year M&M.	5-15 Years
96C	See Figure 70 for project location	10.5	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	4	6	34	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$105,000 to design, permit, and construct. \$17,500 to implement three-year M&M.	5-15 Years
99A	See Figure 70 for project location	30.8	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	10	13	77	High/ Critical Area	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$388,000 to design, permit, and construct. \$46,200 to implement three-year M&M.	1-10 Years
102A	See Figure 70 for project location	12.2	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	4	5	28	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$122,000 to design, permit, and construct. \$18,300 to implement three-year M&M.	5-15 Years
108A	See Figure 70 for project location	8.8	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	7	9	56	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$132,000 to design and construct. \$16,500 to implement three-year M&M.	5-15 Years
109A	See Figure 70 for project location	12.9	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	10	13	78	High/ Critical Area	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$129,000 to design, permit, and construct. \$19,350 to implement three-year M&M.	1-10 Years
109B	See Figure 70 for project location	12.7	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	4	6	36	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$129,000 to design, permit, and construct. \$19,350 to implement three-year M&M.	5-15 Years
109C	See Figure 70 for project location	32.7	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	7	10	58	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$327,000 to design, permit, and construct. \$49,050 to implement three-year M&M.	5-15 Years
110A	See Figure 70 for project location	20.5	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	4	6	36	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$205,000 to design, permit, and construct. \$49,050 to implement three-year M&M.	5-15 Years



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111A	See Figure 70 for project location	25.1	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	8	10	63	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$251,000 to design, permit, and construct. \$37,650 to implement three-year M&M.	5-15 Years
116A	See Figure 70 for project location	17.2	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	3	3	20	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$172,000 to design, permit, and construct. \$25,800 to implement three-year M&M.	5-15 Years
117B	See Figure 70 for project location	10.4	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	7	9	55	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$104,000 to design, permit, and construct. \$15,600 to implement three-year M&M.	5-15 Years
122A	See Figure 70 for project location	9.5	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	4	6	34	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$142,500 to design, permit, and construct. \$23,750 to implement three-year M&M.	5-15 Years
123A	See Figure 70 for project location	8	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	6	7	45	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$120,000 to design, permit, and construct. \$10,500 to implement three-year M&M.	5-15 Years
123B	See Figure 70 for project location	22.1	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	9	11	69	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$221,000 to design, permit, and construct. \$33,150 to implement three-year M&M.	5-15 Years
124A	See Figure 70 for project location	36.4	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	9	12	73	High/ Critical Area	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$364,000 to design, permit, and construct. \$54,600 to implement three-year M&M.	1-10 Years
126A	See Figure 70 for project location	24	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	21	29	173	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$240,000 to design, permit, and construct. \$36,000 to implement three-year M&M.	5-15 Years
127D	See Figure 70 for project location	7.5	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	12	16	98	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$112,000 to design, permit, and construct. \$18,750 to implement three-year M&M.	5-15 Years
127E	See Figure 70 for project location	25.3	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	16	22	132	High/ Critical Area	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$253,000 to design, permit, and construct. \$37,950 to implement three-year M&M.	1-10 Years

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<b>STREAMBANK &amp; RIPARIAN AREA RESTORATION RECOMMENDATIONS (See Figure 71).</b> Technical and Financial Assistance Needs: Stream restorations are complex and require high technical and financial assistance needs to protect land, design, construct, monitor, and maintain the restoration. The project becomes more complex in areas that flow through several governing bodies or multiple private residences. Technical and financial assistance associated with stream maintenance is generally low for minor tasks such as removing debris.												
SB01	See Figure 71 for project location	6,585.7	6,586 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	30	44	517	High/Critical Area	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$90,600 to design and construct. \$22,500 to implement three-year M&M.	1-10 Years
SB02	See Figure 71 for project location	7,774.3	7,774 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	16	24	281	High/Critical Area	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$106,800 to design and construct. \$26,700 to implement three-year M&M.	1-10 Years
SB03	See Figure 71 for project location	8,867.1	8,867 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	23	34	403	High/Critical Area	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$122,400 to design and construct. \$30,600 to implement three-year M&M.	1-10 Years
SB04	See Figure 71 for project location	9,636.6	9,637 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	30	43	507	High/Critical Area	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$132,000 to design and construct. \$30,000 to implement three-year M&M.	1-10 Years
SB05	See Figure 71 for project location	7,537.8	7,538 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	18	27	313	High/Critical Area	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$103,800 to design and construct. \$25,950 to implement three-year M&M.	1-10 Years
SB08	See Figure 71 for project location	18,352.3	18,352 lf of stream exhibiting high channelization, moderate levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	60	88	1,032	Medium	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$252,000 to design, permit, and construct. \$63,000 to implement three-year M&M.	5-15 Years
SB14	See Figure 71 for project location	13,575.0	13,575 lf of stream exhibiting low channelization, moderate levels of erosion and poor overall riparian area condition	Design, permit, and implement a project to remove invasives, spot stabilize eroding banks where necessary, and restore riparian buffer with native vegetation; maintain for three years to ensure establishment	759	659	1,367	Medium	Private Owner(s)/ DeKalb Co.	USACE, IDNR, Engineer, Environmental Consultant/ Contractor	\$2.2 M to design, permit, and construct. \$46,500 to implement three-year M&M.	5-15 Years
SB15	See Figure 71 for project location	7,819.9	7,820 lf of stream exhibiting moderate channelization, moderate levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	4	33	44	Medium	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$108,000 to design and construct. \$27,000 to implement three-year M&M.	5-15 Years
SB16	See Figure 71 for project location	7,707.8	7,708 lf of stream exhibiting low channelization, moderate levels of erosion and poor overall riparian area condition	Design, permit, and implement a project to remove invasives, spot stabilize eroding banks where necessary, and restore riparian buffer with native vegetation; maintain for three years to ensure establishment	429	385	757	Low	Private Owner(s)/ DeKalb Co.	USACE, IDNR, Engineer, Environmental Consultant/ Contractor	\$1.3 M to design, permit, and construct. \$26,500 to implement three-year M&M.	10-20+ Years

ID#	Location	Units (Acres or LF)	Existing Condition	Management Measure Recommendation	Pollutant Reduction Efficiency			Priority	Owner & Responsible Entity	Sources of Technical Assistance	Cost Estimate	Implementation Schedule (Years)
					TSS (tons/yr)	TP (lbs/yr)	TN (lbs/yr)					
T01R1	See Figure 71 for project location	1,201.3	1,201 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	2	3	36	Medium	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$27,500 to design and construct. \$8,100 to implement three-year M&M.	5-15 Years
T02R1	See Figure 71 for project location	2,778.4	2,778 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	5	7	85	Low	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$51,200 to design and construct. \$16,000 to implement three-year M&M.	10-20+ Years
T03R1	See Figure 71 for project location	6,159.4	6,159 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	12	17	202	High/Critical Area	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$85,000 to design and construct. \$27,150 to implement three-year M&M.	1-10 Years
T03R2	See Figure 71 for project location	3,121.7	3,122 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	7	10	123	High/Critical Area	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$57,000 to design and construct. \$18,000 to implement three-year M&M.	1-10 Years
T04R1	See Figure 71 for project location	6,089.9	6,090 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	6	20	237	High/Critical Area	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$84,000 to design and construct. \$21,000 to implement three-year M&M.	1-10 Years
T05R1	See Figure 71 for project location	6,782.6	6,783 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	22	32	382	High/Critical Area	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$94,000 to design and construct. \$23,500 to implement three-year M&M.	1-10 Years
T05R2	See Figure 71 for project location	6,022.7	6,023 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	10	15	173	High/Critical Area	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$83,000 to design and construct. \$21,000 to implement three-year M&M.	1-10 Years
T06R1	See Figure 71 for project location	7,636.8	7,637 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	17	25	300	High/Critical Area	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$105,000 to design and construct. \$26,250 to implement three-year M&M.	1-10 Years
T06R2	See Figure 71 for project location	8,007.3	8,007 lf of stream exhibiting high channelization, low levels of erosion and average overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	15	22	258	Low	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$111,000 to design and construct. \$27,500 to implement three-year M&M.	10-20+ Years
T06R3	See Figure 71 for project location	5,952.5	5,952 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	14	20	241	High/Critical Area	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$82,000 to design and construct. \$20,500 to implement three-year M&M.	1-10 Years

ID#	Location	Units (Acres or LF)	Existing Condition	Management Measure Recommendation	Pollutant Reduction Efficiency			Priority	Owner & Responsible Entity	Sources of Technical Assistance	Cost Estimate	Implementation Schedule (Years)
					TSS (tons/yr)	TP (lbs/yr)	TN (lbs/yr)					
T07R1	See Figure 71 for project location	5,185.5	5,185 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	13	19	228	High/Critical Area	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$71,500 to design and construct. \$18,000 to implement three-year M&M.	1-10 Years
T07R2	See Figure 71 for project location	12,039.0	12,039 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	31	45	534	High/Critical Area	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$166,000 to design and construct. \$41,500 to implement three-year M&M.	1-10 Years
T08R1	See Figure 71 for project location	8,663.9	8,664 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	34	25	291	High/Critical Area	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$120,000 to design and construct. \$30,000 to implement three-year M&M.	1-10 Years
T08R2	See Figure 71 for project location	6,347.4	6,347 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	21	30	356	High/Critical Area	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$87,500 to design and construct. \$22,000 to implement three-year M&M.	1-10 Years
T08R3	See Figure 71 for project location	6,549.5	6,549 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	10	15	178	High/Critical Area	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$90,000 to design and construct. \$22,500 to implement three-year M&M.	1-10 Years
T08R4	See Figure 71 for project location	5,538.2	5,538 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	23	33	393	High/Critical Area	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$76,000 to design and construct. \$19,000 to implement three-year M&M.	1-10 Years
T09R1	See Figure 71 for project location	10,570.7	10,571 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	60	87	1,023	High/Critical Area	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$146,000 to design and construct. \$36,000 to implement three-year M&M.	1-10 Years
T09R2	See Figure 71 for project location	4,650.5	4,651 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	18	26	312	High/Critical Area	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$64,000 to design and construct. \$16,000 to implement three-year M&M.	1-10 Years
T10R1	See Figure 71 for project location	4,981.9	4,982 lf of stream exhibiting high channelization, low levels of erosion and average overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	30	44	522	Low	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$69,000 to design and construct. \$17,000 to implement three-year M&M.	10-20+ Years
T10R2	See Figure 71 for project location	7,579.4	7,579 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	12	17	202	High/Critical Area	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$105,000 to design and construct. \$26,000 to implement three-year M&M.	1-10 Years

ID#	Location	Units (Acres or LF)	Existing Condition	Management Measure Recommendation	Pollutant Reduction Efficiency			Priority	Owner & Responsible Entity	Sources of Technical Assistance	Cost Estimate	Implementation Schedule (Years)
					TSS (tons/yr)	TP (lbs/yr)	TN (lbs/yr)					
T11R1	See Figure 71 for project location	9,399.4	9,399 lf of stream exhibiting high channelization, low levels of erosion and average overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	36	52	613	Medium	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$129,000 to design and construct. \$32,000 to implement three-year M&M.	5-15 Years
T11R2	See Figure 71 for project location	6,633.7	6,634 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	36	52	616	High/Critical Area	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$91,000 to design and construct. \$23,000 to implement three-year M&M.	1-10 Years
T11R3	See Figure 71 for project location	8,924.5	8,925 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	33	48	564	High/Critical Area	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$123,000 to design and construct. \$31,000 to implement three-year M&M.	1-10 Years
T11R4	See Figure 71 for project location	3,830.2	3,830 lf of stream exhibiting high channelization, moderate levels of erosion and poor overall riparian area condition	Design, permit, and implement a project to remove invasives, spot stabilize eroding banks where necessary, and restore riparian buffer with native vegetation; maintain for three years to ensure establishment	175	163	394	High/Critical Area	Private Owner(s)/ DeKalb Co.	USACE, IDNR, Engineer, Environmental Consultant/ Contractor	\$225,000 to design, permit, and construct. \$20,000 to implement three-year M&M	1-10 Years
T17R2	See Figure 71 for project location	4,561.4	4,561 lf of stream exhibiting low channelization, high levels of erosion and poor overall riparian area condition	Design, permit, and implement a project to remove invasives, spot stabilize eroding banks where necessary, and restore riparian buffer with native vegetation; maintain for three years to ensure establishment	482	428	1,052	High/Critical Area	Private Owner(s)/ DCFPD/ DPD/ City of DeKalb	USACE, IDNR, Engineer, Environmental Consultant/ Contractor	\$1.1 M to design, permit, and construct. \$20,000 to implement three-year M&M.	1-10 Years
T19R1	See Figure 71 for project location	10,385.3	10,385 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	49	74	843	High/Critical Area	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$143,000 to design and construct. \$36,000 to implement three-year M&M.	1-10 Years
T19R2	See Figure 71 for project location	8,156.7	8,157 lf of stream exhibiting high channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to increase buffer width to 50 feet on either side of stream, remove invasives/existing as necessary, and restore with native vegetation; maintain for three years to ensure establishment	26	441	37	High/Critical Area	Private Owner(s)/ DeKalb Co.	Environmental Consultant/ Contractor, DeKalb County, DCSWCD	\$112,000 to design and construct. \$28,000 to implement three-year M&M.	1-10 Years

# SHABBONA

ID#	Location	Units (Acres or LF)	Existing Condition	Management Measure Recommendation	Pollutant Reduction Efficiency			Priority	Owner & Responsible Entity	Sources of Technical Assistance	Cost Estimate	Implementation Schedule (Years)
					TSS (tons/yr)	TP (lbs/yr)	TN (lbs/yr)					
<b>WETLAND RESTORATION RECOMMENDATIONS (See Figure 70).</b> Technical and Financial Assistance Needs: Wetland restoration projects are typically complex and require high technical and financial assistance needs to protect land, design, construct, monitor, and maintain the restoration.												
127A	See Figure 70 for project location	9.4	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	2	3	16	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$141,000 to design, permit, and construct. \$23,500 to implement three-year M&M.	5-15 Years
127B	See Figure 70 for project location	7.2	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	4	5	29	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$108,000 to design, permit, and construct. \$18,000 to implement three-year M&M.	5-15 Years
127C	See Figure 70 for project location	6.5	Farmed and/or tile-drained hydric soils confirmed in field as good candidate sight for potential wetland restoration	Design, permit, and construct a project to stop farming hydric soils, restore hydrology by breaking drain tiles if necessary and revegetate with native vegetation/seed; maintain for three years until established	5	7	40	Medium	Private Owner	USACE, IEPA, DeKalb County, Environmental Consultant/ Contractor	\$97,500 to design, permit, and construct. \$16,250 to implement three-year M&M.	5-15 Years

# SYCAMORE

ID#	Location	Units (Acres or LF)	Existing Condition	Management Measure Recommendation	Pollutant Reduction Efficiency			Priority	Owner & Responsible Entity	Sources of Technical Assistance	Cost Estimate	Implementation Schedule (Years)
					TSS (tons/yr)	TP (lbs/yr)	TN (lbs/yr)					

**DETENTION BASIN RETROFITS & MAINTENANCE (SEE FIGURE 69).** Technical and Financial Assistance Needs: Technical assistance needed to implement detention basin retrofits is relatively low while financial assistance needs are moderate. Private landowners will need the greatest assistance.

12A	See Figure 69 for project location	2.5	Wet-bottomed basin with turf side slopes and naturalized edge in average ecological condition	Design and implement a project to naturalize buffer, stop mowing, and maintain for three years to establish	9	12	52	Low	Private Owner/ Business	Ecological Consultant/ Contractor	\$45,000 to design and construct. \$7,500 to implement three-year M&M.	10-20+ Years
12B	See Figure 69 for project location	4.0	Huge degraded wetland bottom detention with turf side slopes in poor ecological condition	Design and implement a project to remove invasives and turf on slopes, naturalize with natives and maintain for three years to establish	19	23	171	High/ Critical Area	Private Owner/ Business	Ecological Consultant/ Contractor	\$72,000 to design and construct. \$12,000 to implement three-year M&M.	1-10 Years
12C	See Figure 69 for project location	1.6	Dry basin with mowed turf slopes and concrete channels in poor ecological condition	Design and implement a project to break channels, naturalize buffer & slopes with natives, and maintain for three years to establish	7	22	74	High/ Critical Area	Private Owner	Ecological Consultant/ Contractor	\$70,000 to design, permit, and construct. \$4,800 to implement three-year M&M.	1-10 Years
18B	See Figure 69 for project location	1.2	Wet-bottomed basin with mowed turf side slopes, invasives, and eroded toe in poor ecological condition	Design and implement a project to remove turf & invasives, regrade slopes, naturalize slope and buffer with natives and maintain for three years to establish	4	5	30	Medium	Private Owner/ Northwestern Medicine	Ecological Consultant/ Contractor	\$65,000 to design, permit, and construct. \$5,000 to implement three-year M&M.	5-15 Years
18F	See Figure 69 for project location	1.4	Dry-bottomed turf grass basin, mowed and in poor ecological condition	Design and implement a project to remove turf, naturalize slope and buffer with natives, stop mowing and maintain for three years to establish	5	7	28	Low	Private Owner	Ecological Consultant/ Contractor	\$25,200 to design and construct. \$6,000 to implement three-year M&M.	10-20+ Years
18H	See Figure 69 for project location	1.2	Dry-bottomed turf grass basin, mowed with concrete channel and in poor ecological condition	Design and implement a project to break channels, naturalize buffer & slopes with natives, and maintain for three years to establish	6	8	35	Medium	Private Owner	Ecological Consultant/ Contractor	\$60,000 to design, permit, and construct. \$6,000 to implement three-year M&M.	5-15 Years
18I	See Figure 69 for project location	1.8	Dry-bottomed turf grass basin, mowed, two concrete channels and in poor ecological condition	Design and implement a project to break channels, naturalize buffer & slopes with natives, and maintain for three years to establish	21	29	124	Medium	NIU/ IDOA	Ecological Consultant/ Contractor	\$70,000 to design, permit, and construct. \$7,000 to implement three-year M&M.	5-15 Years

**OTHER MANAGEMENT MEASURES (SEE FIGURE 73).** Technical and Financial Assistance Needs: Technical and financial assistance needed to implement these projects varies depending on complexity.

18A	See Figure 73 for project location	4.1	Typical parking lot at medical campus	Design and implement a project to install pavement alternative & naturalize adjacent turf	5	8	170	Medium	Private Owner/ Northwestern Medicine	Ecological Consultant/ Contractor	Not applicable	5-15 Years
18C	See Figure 73 for project location	2.3	Typical parking lot at DCSWCD office	Design and implement a project to install pavement alternative & bioswales	5	8	77	High/ Critical Area	DCSWCD	Ecological Consultant/ Contractor	Not applicable	1-10 Years
18G	See Figure 73 for project location	2.8	Unused/abandon parking lot in disrepair	Design and implement a project to install pavement alternative & bioswales when redevelopment occurs	0	1	5	Medium	Private Owner	Ecological Consultant/ Contractor	Not applicable	5-15 Years
18E	See Figure 73 for project location	0.7	Mowed turf swale, spot erosion at culvert	Design and implement a project to remove turf, naturalize, spot stabilization, maintain for three years	1	1	5	High/ Critical Area	DCSWCD	Ecological Consultant/ Contractor, Engineer	\$12,600 to design and construct. \$4,000 to implement three-year M&M.	1-10 Years

ID#	Location	Units (Acres or LF)	Existing Condition	Management Measure Recommendation	Pollutant Reduction Efficiency			Priority	Owner & Responsible Entity	Sources of Technical Assistance	Cost Estimate	Implementation Schedule (Years)
					TSS (tons/yr)	TP (lbs/yr)	TN (lbs/yr)					
18D	See Figure 73 for project location	5.4	Large mowed turf area surrounding DCSWCD office	Design and implement a project to remove turf, install prairie, education signage, maintain for three years	3	4	25	High/Critical Area	DCSWCD	Ecological Consultant/ Contractor, Engineer	\$81,000 to design and construct. \$13,500 to implement three-year M&M.	1-10 Years

**STREAMBANK & RIPARIAN AREA RESTORATION RECOMMENDATIONS (See Figure 71).** Technical and Financial Assistance Needs: Stream restorations are complex and require high technical and financial assistance needs to protect land, design, construct, monitor, and maintain the restoration. The project becomes more complex in areas that flow through several governing bodies or multiple private residences. Technical and financial assistance associated with stream maintenance is generally low for minor tasks such as removing debris.

T18R1	See Figure 71 for project location	3,957.9	3,958 lf of stream exhibiting moderate channelization, low levels of erosion and poor overall riparian area condition	Design and implement a project to remove invasives and restore with native vegetation; maintain for three years to ensure establishment	10	14	103	Medium	Private Owner(s)/ Sycamore	Environmental Consultant/ Contractor, DCSWCD	\$55,000 to design and construct. \$15,000 to implement three-year M&M.	5-15 Years
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