

Modifications/Upgrades to Existing Basins

Beginning of Year Totals 2024							Calender Year 2024 Modifications					Comment - 2024 Changes	End of Year Totals (Carry to Next Year) (See Note 2)					Comment for Next Year
Basin	Area (acres) (Note 2)	Total Suspended Solids No Controls (lbs/acre/yr)	Total Suspended Solids No Controls (lbs/yr) (Note 2)	Total Suspended Solids With Controls (lbs/yr) (Note 2)	Percent TSS Reduction (Note 2)	TSS Reduction	Area Modifications (acres)	Total Suspended Solids No Controls - New Treatment Area (lbs/yr)	Modeled Percent TSS Reduction	Total Suspended Solids Reduction (lbs/year)	Additional Suspended Solids Reduction (lbs/year)		Area (acres) (Note 2)	Total Suspended Solids No Controls (lbs/yr) (Note 2)	Total Suspended Solids With Controls (lbs/yr) (Note 2)	Percent TSS Reduction (Note 2)	TSS Reduction	
AC005	16.119	477	7,694	7,556	1.8%	138							16.119	7,694	7,556	1.8%	138	
AC010	8.923	265	2,361	2,038	13.7%	323							8.923	2,361	2,038	13.7%	323	
AC020	10.718	326	3,495	3,023	13.5%	472							10.718	3,495	3,023	13.5%	472	
AC025	3.4	488	1,659	1,445	12.9%	214							3.4	1,659	1,445	12.9%	214	
AC030	4.6	488	2,247	1,957	12.9%	290							4.6	2,247	1,957	12.9%	290	
AC040	13.183	310	4,089	3,402	16.8%	687							13.183	4,089	3,402	16.8%	687	
AC050	299.958	288	86,388	54,252	37.2%	32,136							299.96	86,388	54,252	37.2%	32,136	
AC051	5.13	288	1,477	286	80.6%	1,191							5.13	1,477	286	80.6%	1,191	
AC052	3.38	0	0	0		0							3.38	0	0		0	
AC055	24.34	502	12,225	3,741	69.4%	8,484							24.34	12,225	3,741	69.4%	8,484	
AC060	50.506	489	24,719	8,133	67.1%	16,587							50.506	24,719	8,133	67.1%	16,587	
AC070	68.77	479	32,916	9,414	71.4%	23,502							68.77	32,916	9,414	71.4%	23,502	
AC080	3.999	502	2,009	701	65.1%	1,308							3.999	2,009	701	65.1%	1,308	
AC090	226.369	448	101,364	29,598	70.8%	71,766							226.369	101,364	29,598	70.8%	71,766	
AC100	610.305	263	160,506	32,101	80.0%	128,405							610.305	160,506	32,101	80.0%	128,405	
	15.92	263	4,187	617	85.3%	3,570							15.92	4,187	617	85.3%	3,570	
AC105	15.254	267	4,069	1,424	65.0%	2,645							15.254	4,069	1,424	65.0%	2,645	
AC110	6.497	203	1,320	254.76	80.7%	1,065							6.497	1,320	254.76	80.7%	1,065	
AC120	3.993	197	788	646	18.0%	142							3.993	788	646	18.0%	142	
AC130	23.238	235	5,466	3,110	43.1%	2,356							23.238	5,466	3,110	43.1%	2,356	
AC140	12.462	195	2,428	410	83.1%	2,018							12.462	2,428	410	83.1%	2,018	
AC150	41.82	160	6,681	1,276	80.9%	5,405							41.82	6,681	1,276	80.9%	5,405	
AC160	60.318	343	20,717	4,744	77.1%	15,973							60.318	20,717	4,744	77.1%	15,973	
AC170	68.77	479	32,916	5,958	81.9%	26,958							68.77	32,916	5,958	81.9%	26,958	
AC180	17.352	49	843	26	96.9%	817							17.352	843	26	96.9%	817	
AC190	23.78	109	2,592	316	87.8%	2,276							23.78	2,592	316	87.8%	2,276	
AC 200A	51.7	540	27,918	4,662	83.3%	23,256							51.70	27,918	4,662	83.3%	23,256	
AC210	14.9	175	2,607	493	5.0%	2,114							14.90	2,607	493	81.1%	2,114	
Total	1,705.70		555,682	181,585	67.3%	374,097					0		1,705.70	555,682	181,585	67.3%	374,097	

Assumptions
(1) Agricultural lands in the Lower Fox River Mainstream HUC-12 are discharging 540lbs/acre of TSS. Assume a 5% TSS reduction.
(2) Formula Based. This should not change from year to year unless acreage is changed from on HUC-12 to another or new area is added.