

Wisconsin Wetland Conservation Trust



Annual Report for Fiscal Year 2021

(REPORTING PERIOD JULY 1, 2020 TO JUNE 30, 2021)

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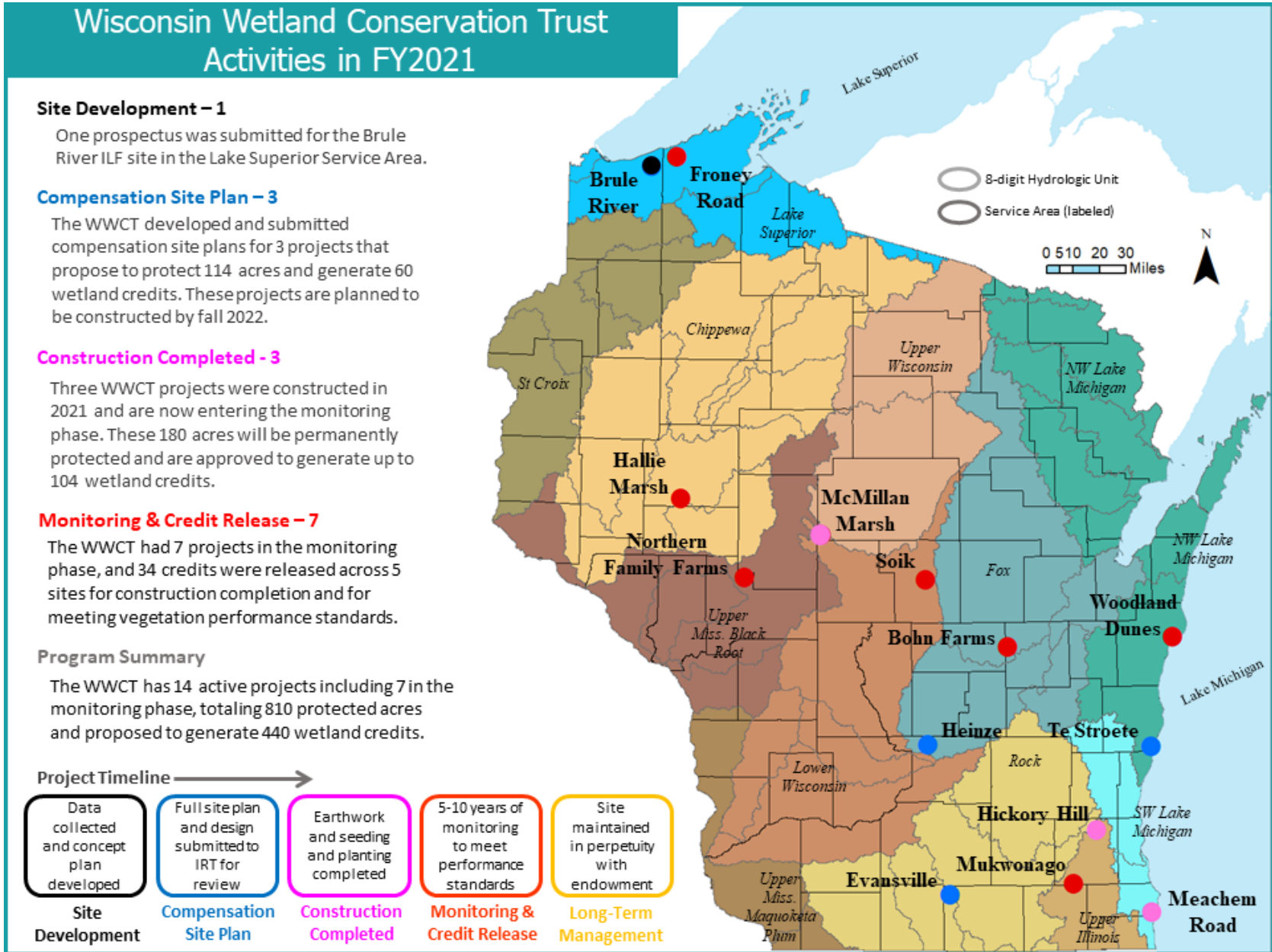
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Figure 1: Fiscal Year 2021 Project Activity Summary



Introduction

The Wisconsin Wetland Conservation Trust In-Lieu Fee Wetland Mitigation Program (WWCT) was established on November 19, 2014, through a legal agreement referred to as the Program Instrument, executed by signatories from the U.S. Army Corps of Engineers St. Paul District, the U.S. Environmental Protection Agency, and the Wisconsin Department of Natural Resources (WDNR), which is the program Sponsor.

The WWCT's purpose is to provide an additional method of compensatory mitigation to offset unavoidable adverse impacts to wetland resources. Through the sale of credits, the WWCT accepts the legal responsibility to satisfy wetland compensatory mitigation requirements specified by US Army Corps of Engineers-St. Paul District permits authorized under Section 404 of the Clean Water Act, Section 10 of the River and Harbors Act, and WDNR Wetland Individual Permits pursuant to Chapter 281.36, Wis. Stats. The WWCT completes wetland mitigation projects using a watershed approach.

This annual report is submitted to fulfill the requirements detailed in 33 CFR 332.8(i)(3)(i)-(v) as well as those listed in the Reporting Protocols section as detailed in Appendix A of the approved [WWCT Program Instrument](#). The information contained herein reflects the 2021 state of Wisconsin fiscal year reporting period from July 1, 2020 to June 30, 2021 (FY2021).

Fiscal Year 2021 Program Summary

Since November 2014, The Wisconsin Wetland Conservation Trust has been selling advanced credits to permit applicants and exempt project proponents to satisfy their wetland compensatory mitigation obligations. Applicants for permits and exempt projects impacting 449 acres have purchased 385 WWCT credits to fund projects that restore, enhance, create, and preserve wetlands. Funds from credit sales have been allocated to 14 projects protecting 810 acres in 10 different service areas. During FY2021, three projects were constructed, seven projects were in the monitoring period, and four projects were in development.

In FY2021, the WWCT sold credits for 18 projects permitted by state and/or federal agencies. Fees were only received for credits sold in four service areas: \$370,756 in Southwestern Lake Michigan, \$268,795.50 in Upper Illinois, \$120,802 in Upper Mississippi Black Root., and \$6,976.80 in Northwestern Lake Michigan.

The 18 projects resulted in 8.43 acres of impacts to wetland resources. Permanent fill was proposed on 7.91 acres and 0.52 acres were associated with temporary impacts. The most impacted wetland cover types were Fresh (Wet) Meadow at 78% of impacts and Seasonally Flooded Basin at 8% of impacts.

A total of 11.62 credits were sold and the WWCT had a program liability of 338.59 credits and 474.27 credits available for purchase at the end of the fiscal year. Only 36.99 credits were noncompliant with the federal three growing season timeline at the end of FY2021.

Four RFPs were issued during FY2021. RFPs opened on June 1, September 1, December 1, and March 1. No project applications were received.

In FY2021 one new contract was signed, allocating \$442,100 to projects. Total allocated funds for projects at the end of FY2021 was \$18,213,478. Of these allocated funds, \$2,396,643 was planned to be held for an endowment for long-term management for 14 projects.

Credit Sales, Revenue, and Wetland Impacts

In FY2021, 18 ILF payments were received across 4 service areas. A total of 11.62 advanced credits were sold at a total of \$902,918 in credit fees. Total advanced credit sales and revenue in FY2021 were lower compared to average sales and revenue during the last 5 years of the program. **Appendix A** is a complete list of all permitted impacts in FY2021 that generated WWCT payments with supporting details.

The following tables provide details on program revenue, credit sales, wetland impacts, and credit liability:

- **Table 1** shows program revenue and credit sales by quarter in FY2021.
- **Table 2** provides a comparison of program revenue and credit sale totals for all fiscal years of the WWCT's operation. The program sold 11.62 credits and received \$902,918 in fees in FY2021.
- **Table 3** shows total permitted wetland impacts using the WWCT for mitigation over the life of the program. After 8.43 impact acres used WWCT during FY2021, the total is now 449.86 acres. See **Appendix B** for detailed data for permitted impacts by service area.
- **Table 4** shows permitted impacts that paid fees into the WWCT by wetland cover type. There was a total of 8.43 acres of impacted wetlands, with Fresh (Wet) Meadow accounting for 80% of the acres impacted. Credits were sold at a ratio of 1.45:1 credits per acre of wetland impact except for two projects. The We Energies Lakeshore Lateral and Village of Mt. Pleasant TID5 Sanitary Sewer Phase 7 projects were mitigated for at lower credit ratios due to temporary wetland impacts. See **Appendix A** for details.
- **Table 5** describes credit sales and fees collected by service area. The WWCT operates in 12 service areas in Wisconsin (**Appendix C**). Credit sale transactions occurred in 4 service areas: Upper Illinois, Southwestern Lake Michigan, Northwestern Lake Michigan, and Upper Mississippi Black Root. No credits were sold in the remaining 8 service areas.
- **Table 6** shows total program revenue including credit sales, non-credit surcharge fees collected from general permits, and interest from the various WWCT program funds.
- **Table 7** categorizes total credit sales through the end of FY2021 by the WWCT's credit availability, credits released from projects, and compliance liability.

Table 1 – Program Credit Sales Summary for FY2021

Quarter	Total Revenue	Total Advanced Credit Sales
1st Quarter	\$154,380.00	1.86
2nd Quarter	\$102,422.00	1.34
3rd Quarter	\$44,027.00	0.62
4th Quarter	\$602,089.00	7.80
Total	\$902,918.00	11.62

Table 2 – Total Revenue and Credit Sales

Fiscal Year	Revenue	Credits Sold
2015	\$3,339,710.00	55.61
2016	\$5,660,540.00	93.1
2017	\$6,148,080.00	101.06
2018	\$4,316,300.00	70.19
2019	\$2,718,144.00	42.68
2020	\$812,340.00	11.19
2021	\$902,918.00	11.62
Total	\$23,898,032.00	385.45

Table 3 –Wetland Impact Types and Acres Using WWCT Credits

Fiscal Year	Temporary and Permanent Wetland Conversion Impact Acres	Permanent Fill Impact Acres	Total Wetland Acres Impacted
2015	0.00	38.33	38.33
2016	57.71	34.33	92.04
2017	161.08	20.70	181.78
2018	47.41	39.34	86.75
2019	0.73	26.52	27.25
2020	9.24	6.04	15.28
2021	0.52	7.91	8.43
Total	276.69	173.17	449.86

Table 4 – Summary of Wetland Impacts by Cover Type for FY2021

Wetland Cover Type	Acres Impacted
Shallow, Open Water	0
Deep and Shallow Marshes	0.36
Sedge Meadows	0
Freshwater (Wet) Meadow	6.71
Wet to Wet-Mesic Prairie	0
Calcareous Fens	0
Bog (Open or Coniferous)	0
Shrub Swamp (Shrub-Carr or Alder Thicket)	0.42
Wooded Swamp (Hardwood or Coniferous)	0.27
Floodplain Forests	0.17
Seasonally Flooded Basins	0.50
Total	8.43

Table 5 – Credit Sale Revenue by Service Area FY2021

Invoice Number	NW LK MICH	SW LK MICH	UPPER IL	UP MS BLRT	ADMINISTRATION	CONTINGENCY	TOTAL
370-0000016444			\$29,631.00		\$3,486.00	\$1,743.00	\$34,860.00
370-0000016650			\$24,692.50		\$2,905.00	\$1,452.50	\$29,050.00
370-0000016967			\$76,899.50		\$9,047.00	\$4,523.50	\$90,470.00
370-0000017264				\$33,524.00	\$3,944.00	\$1,972.00	\$39,440.00
370-0000017843			\$13,404.50		\$1,577.00	\$788.50	\$15,770.00
370-0000017731			\$20,459.50		\$2,407.00	\$1,203.50	\$24,070.00
370-0000017842			\$18,343.00		\$2,158.00	\$1,079.00	\$21,580.00
370-0000017970		\$1,327.70			\$156.20	\$78.10	\$1,562.00
370-0000018706			\$705.50		\$83.00	\$41.50	\$830.00
370-0000018668				\$25,432.00	\$2,992.00	\$1,496.00	\$29,920.00
370-0000018522		\$11,285.45			\$1,327.70	\$663.85	\$13,277.00
370-0000019517		\$185,541.85			\$21,946.10	\$10,973.05	\$218,461.00
370-0000019822	\$6,976.80				\$820.80	\$410.40	\$8,208.00
370-0000020233				\$61,846.00	\$7,276.00	\$3,638.00	\$72,760.00
370-0000020515		\$53,108.00			\$6,248.00	\$3,124.00	\$62,480.00
370-0000020529		\$71,031.95			\$8,356.70	\$4,178.35	\$83,567.00
370-0000020624		\$48,461.05			\$5,701.30	\$2,850.65	\$57,013.00
370-0000020180			\$84,660.00		\$9,960.00	\$4,980.00	\$99,600.00
TOTAL	\$6,976.80	\$370,756.00	\$268,795.50	\$120,802.00	\$90,391.80	\$45,195.90	\$902,918.00

Table 6 – Total Revenue FY2021

Operating Unit	Fund Name	Revenue	Interest	Total Revenue
WCT01	Non-Credit General Permit Surcharge Fee	\$43,853.00	\$319.58	\$44,173.00
WCT02	Administration	\$90,391.80	\$1,326.49	\$91,505.80
WCT03	Contingency	\$45,195.90	\$1,164.94	\$46,149.90
WCT04	Upper Mississippi Black Root	\$120,802.00	\$1,644.68	\$122,447.00
WCT05	Northwestern Lake Michigan	\$6,976.80	\$1,867.64	\$8,844.80
WCT06	Southwestern Lake Michigan	\$370,756	\$2,373.15	\$373,129.00
WCT07	Fox	\$0.00	\$2,212.88	\$2,213.00
WCT08	Upper Illinois	\$268,795.50	\$3,084.23	\$271,879.50
WCT09	Lower Wisconsin	\$0.00	\$403.73	\$404.00
WCT10	Upper Mississippi Maquoketa Plum	\$0.00	\$0.00	\$0.00
WCT11	Rock	\$0.00	\$442.20	\$442.00
WCT12	St Croix	\$0.00	\$0.00	\$0.00
WCT13	Upper Wisconsin	\$0.00	\$711.87	\$712.00
WCT14	Chippewa	\$0.00	\$492.26	\$492.00
WCT15	Lake Superior	\$0.00	\$1,064.42	\$1,064.00
Total		\$946,771.00	\$17,108.07	\$963,879.07

Table 7 – Credit Sales and Liabilities on 6/30/2021

Service Area	Authorized Advanced Credits	Sold Advanced Credits	Credits Released from Projects	Available Credits for Sale	Advanced Credit Liability	Approved Credits Constructed	3-Growing Season-Timeline Noncompliant Credits
Lake Superior	75	30.61	2.17	46.56	28.44	21.00	4.43
Chippewa	50	11.29	0.00	38.71	11.29	16.00	0.00
St Croix	30	3.64	0.00	26.36	3.64		0.00
Upper Miss. Black Root	50	36.05	7.13	21.08	28.92	35.60	0.00
Upper Wisconsin	100	20.20	0.00	79.80	20.20	25.53	0.00
Upper Miss. Maq. Plum	30	0.00	0.00	30.00	0.00	0.00	0.00
Lower Wisconsin	40	28.12	0.00	11.88	28.12	36.57	0.00
Rock	90	8.95	0.00	81.05	8.95	8.95	8.95
Upper Illinois	40	36.55	7.87	11.32	70.56	80.88	0.00
Upper Illinois Large Project*	70	41.88	NA	28.12			
Fox	75	57.92	0.00	17.08	57.92	39.56	18.36
NW Lake Michigan	100	47.38	17.55	70.17	29.83	50.16	0.00
SW Lake Michigan	60	47.86	0.00	12.14	50.72	46.86	5.25
SW Lake Michigan Large Project*	15	15.00	NA	0.00			
Total	825.00	385.45	34.72	474.27	338.59	352.16	36.99

*The Interagency Review Team has approved these Large Project credits in the Upper Illinois and Southwestern Lake Michigan Services Areas to be used exclusively for impacts associated with the Foxconn Project

Program Expenditures

The WWCT program spent \$348,304.03 on administration in FY2021, including salary, fringe, travel, and indirect expenses. One contract was signed allocating \$442,100 to projects. Invoices for work completed on fourteen projects were paid out totaling \$2,415,853.21. No funds were spent from the contingency fund.

Table 8 – Total Expenditures FY2021

	WCT02	WCT04	WCT05	WCT06	WCT07	WCT08	WCT09	WCT11	WCT13	WCT14	WCT15	
Budget Categories	Admin.	Upper Miss. Black Root	NW Lake Michigan	SW Lake Michigan	Fox	Upper Illinois	Lower Wisconsin	Rock	Upper Wisconsin	Chippewa	Lake Superior	Total
Salary	\$201,646.18											\$201,646.18
Fringe	\$80,905.10											\$80,905.10
Travel	\$4,249.00											\$4,249.00
Capital												\$0.00
Land												\$0.00
Supplies & Services	\$2,041.75				\$99.75					\$22.10		\$2,163.60
Site Plan Development			\$31,228.73		\$130,707.13	\$76,753.57	\$7,429.04	\$43,965.41	\$14,111.25		\$23,099.07	\$327,294.20
Land Acquisition			\$71,329.50	\$2,425.00	\$210,836.68	\$1,011,836.00	\$1,905.00					\$1,298,332.18
Grant Admin.						\$273.00	\$1,942.00				\$451.44	\$2,666.44
Construction			\$163,027.42	\$555,750.00	\$52,170.65	\$421,623.37	\$2,935.96	\$4,537.52	\$331,459.19	\$67,640.79	\$82,250.41	\$1,681,395.31
Maintenance			\$70,450.00		\$108,133.51	\$8,954.85	\$16,762.30			\$32,700.88	\$24,767.65	\$261,769.19
Monitoring			\$34,997.63		\$36,570.62	\$13,939.52	\$2,001.85			\$36,767.28	\$18,451.17	\$142,728.07
Other	\$12,134.67											\$12,134.67
Total Direct	\$300,976.70	\$2,184.00	\$371,033.28	\$558,175.00	\$538,518.34	\$1,533,380.31	\$32,976.15	\$48,502.93	\$345,570.44	\$137,131.05	\$149,019.74	\$4,017,467.94
Total Indirect	\$47,327.33											\$47,327.33
Total Expenditures	\$348,304.03	\$2,184.00	\$371,033.28	\$558,175.00	\$538,518.34	\$1,533,380.31	\$32,976.15	\$48,502.93	\$345,570.44	\$137,131.05	\$149,019.74	\$4,064,795.27

FY2021 Request for Proposals Summary

Quarterly RFPs were advertised in FY2021, with start dates of June 1, September 1, December 1, and March 1. Please note that RFP quarters are not the same as fiscal year quarters. The June 1, 2019 RFP is reported in this annual report since it closed July 31, 2019. No applications were received in any of the four RFP periods.

Table 9 – 2020 June 1 RFP

Service Area Name	Minimum Credit Generation	Total Available Funding
SW Lake Michigan	13	\$600,000
Lake Superior	14	\$650,000

Table 10 – 2020 September 1 RFP

Service Area Name	Minimum Credit Generation	Total Available Funding
SW Lake Michigan	13	\$600,000

Table 11 – 2020 December 1 RFP

Service Area Name	Minimum Credit Generation	Total Available Funding
SW Lake Michigan	20	\$900,000

Table 12 – 2021 March 1 RFP

Service Area Name	Minimum Credit Generation	Total Available Funding
SW Lake Michigan	25	\$830,000
Upper Illinois	15	\$580,000

Credit Fee Evaluation

WWCT credit fees have three parts: the project portion (85%), administration cost (10%), and contingency cost (5%). The project portion of the fee is set for each service area according to the full cost accounting of wetland mitigation projects. WWCT reviews credit prices annually and if an update is determined to be needed, sets the new prices on January 1.

Because no projects have been fully completed to the end of the monitoring period, the WWCT has used and continues to use estimates for the service area portion of the credit fee. Each year, the WWCT will analyze true cost accounting to compare these estimates to on the ground costs. Once enough project cost data has

accumulated, the WWCT will consider project success, true costs, and watershed needs to determine the most accurate credit price structure (**Appendix D**).

Approximate land values are determined using the U.S. Department of Agriculture’s National Agricultural Statistics Service (NASS) land sales data ([08/31/2021: Agricultural Land Sales Summary - 2020](#)). For the 2022 calendar year credit fees, land values were calculated by determining the 2020 average value per service area and then using the 5-year average land value for each service area. Using the 5-year average will stabilize the land cost estimates part of the credit fee in future years. The WWCT must account for the possibility of a title fee acquisition on every project and ensure that funds are available to carry out a full wetland mitigation project from planning to long-term management.

All other project costs are grouped into estimates for preconstruction, construction, monitoring and maintenance, and long-term management. For 2022 credit prices, WWCT applied 5-year average inflation rates for [Professional Services](#) and [Construction](#) from the Producer Price Index for commodity and service groupings. This approach will stabilize project cost estimates in future years.

After these evaluations, credit prices will be increased in all service areas in 2022 as shown in Table 13.

Table 13 – Credit Fee Schedule for Calendar Year 2022

Service Area	2021 Credit Fee (1/1/2021 - 12/31/2021)	2022 Credit Fee (1/1/2022 - 12/31/2022)
Lake Superior	\$61,500.00	\$68,000.00
St. Croix	\$65,800.00	\$71,300.00
Chippewa	\$67,000.00	\$72,400.00
Upper Wisconsin	\$66,300.00	\$71,600.00
Lower Wisconsin	\$70,600.00	\$74,800.00
Upper Miss. Black Root	\$68,000.00	\$73,100.00
Upper Miss. Maq. Plum	\$70,700.00	\$75,000.00
Rock	\$74,700.00	\$79,300.00
Upper Illinois	\$83,000.00	\$83,200.00
SW Lake Michigan	\$78,100.00	\$81,400.00
Fox	\$71,200.00	\$75,900.00
NW Lake Michigan	\$74,200.00	\$78,500.00

Project Activity

At the end of FY2021, the WWCT had 14 active projects. During the year, the program submitted one prospectus, four draft compensation site plans, and one final compensation site plan. Initial biological and physical improvements and earthwork were completed on three projects, and full construction was completed on two projects. See **Figure 1** for map details.

Table 14 – WWCT Project Activity Summary

Project Name	Acres	Credits	Prospectus Submitted	Draft CSP Submitted	Final CSP Submitted	Initial Biological and Physical Improvements Complete	Earthwork Complete	Seeding and Planting Complete	Monitoring Report Submitted
Northern Family Farms	40.11	35.60							√
Mukwonago Davis	51.59	23.10							√
Bohn Farms	82.37	39.56							√
Woodland Dunes	78.96	50.16							√
Fronney Road	40	21.00							√
Hallie Marsh	42.65	16.00							√
Soik	59.36	36.57							√
McMillan Marsh	47.97	26.24				√	√	√	
Te Stroete*	TBD	TBD		√					
Meachem Road	61.57	46.86				√	√	√	
Heinze*	TBD	TBD		√					
Hickory Hill	118.47	57.78		√	√	√	√		
Evansville*	TBD	TBD		√					
Brule River*	TBD	TBD	√						
Total	623.05	352.87	1	4	1	3	3	2	7

*These projects were in development on June 30, 2021 and propose to protect 176 acres and generate over 85 credits.

Three Growing Season Timelines

The 2008 Federal Compensatory Mitigation Rule states that ILF programs must complete initial biological and physical improvements on a project in a service area within three growing seasons of the first mitigation credit being sold. At the end of FY2021, the WWCT was late on active timelines in three service areas. Two projects were developed and are planned for construction to reset timelines by the end of 2021: the Evansville project in Rock and the Heinze project in Fox. In Lake Superior the Brule River project was in development to meet credit liabilities and expected to be constructed in 2022. See **Appendix E** for full credit timeline compliance history.

Table 15 – WWCT Three-Growing Season Timeline Summary

Service Area	First Credit Sale	Three Growing Season Deadline	Number of Late Credits	WWCT Progress
Rock	7/20/2015	11/1/2018	8.95	Evansville construction planned in fall 2021
Fox*	8/18/2016	11/1/2019	18.36	Heinze construction planned in fall 2021
Lake Superior*	7/15/2016	11/1/2019	4.43	Brule River construction planned in 2022

*These service areas have previous credit sales, which are proposed to be fulfilled by a constructed project

Additional Information

Additional information on WWCT can be found at [Wisconsin Wetland Conservation Trust | Wisconsin DNR](#)

Additional information on WWCT's RFP process can be found at [How to apply | Wisconsin DNR](#)

Appendix A – FY2021 Overall Credit Sale Ledger

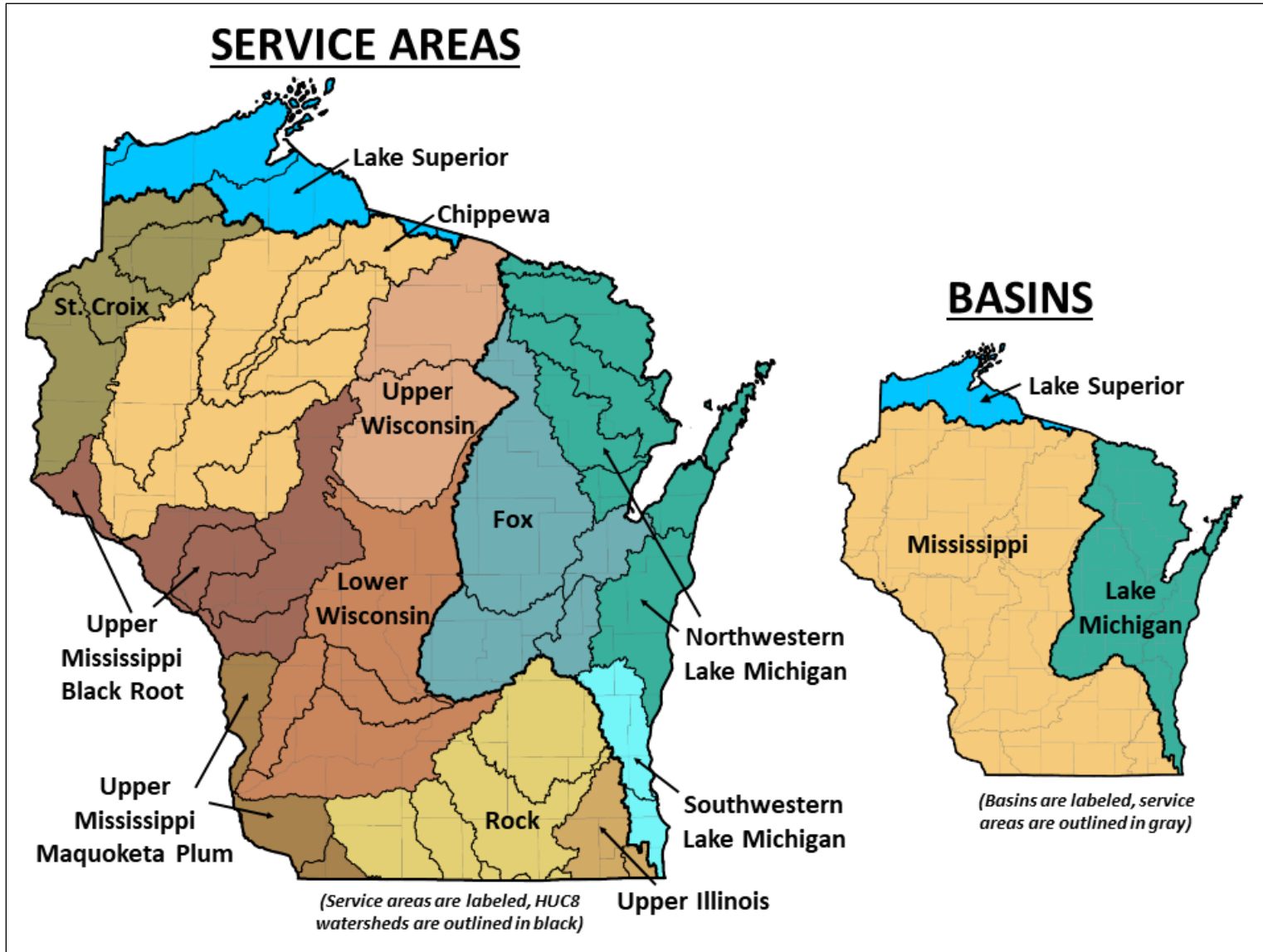
Service Area	Invoice #	Purchase Date	Project Name	County	Municipality	TRS	DNR Permit Number	Corps Permit Number	Acres Impacted	Credit Ratio	Advanced Credits Sold	Credit Price	Total Invoice
UPPER IL	370-0000016444	7/6/2020	Drexel Building Supply	Waukesha	City of New Berlin	T6N, R20E, S25	IP-SE-2020-68-01343	NA	0.29	1.45:1	0.42	\$83,000.00	\$34,860.00
UPPER IL	370-0000016650	8/5/2020	Mercury Business Park	Racine	Village of Waterford	T4N, R19E, S36	IP-SE-2020-52-01038	2020-00575-AJK	0.24	1.45:1	0.35	\$83,000.00	\$29,050.00
UPPER IL	370-0000016967	8/21/2020	Logistics Park Phase 3	Kenosha	City of Kenosha	T2N,R21E, S25	EXE-SE-2020-3-02746	NA	0.75	1.45:1	1.09	\$83,000.00	\$90,470.00
UP MS BLRT	370-0000017264	10/7/2020	Fort McCoy Area B Stream Crossings	Monroe	Town of Grant	T19N, R2W, S32	IP-WC-2019-42-04128	MVP-2019-02917-SJW	0.4	1.45:1	0.58	\$68,000.00	\$39,440.00
UPPER IL	370-0000017843	11/12/2020	Pewaukee Industrial	Waukesha	City of Waukesha	T7N, R19E, S22	EXE-SE-2020-68-02557	NA	0.13	1.45:1	0.19	\$83,000.00	\$15,770.00
UPPER IL	370-0000017731	12/1/2020	The Glen at Muskego Lakes	Waukesha	City of Muskego	T5N, R20E, S25	EXE-SE-2020-68-03480	NA	0.2	1.45:1	0.29	\$83,000.00	\$24,070.00
UPPER IL	370-0000017842	12/3/2020	We Energies Lakeshore Lateral Project	Walworth, Racine, Kenosha	several	several	NA	VP-2020-01075-ANM	0.52	0.5:1	0.26	\$83,000.00	\$21,580.00
SW LK MICH	370-0000017970	12/17/2020	Village of Mt. Pleasant TID5 Sanitary Sewer Phase 7	Racine	Village of Mt Pleasant	T3N, R22E, S17,20	IP-SE-2020-52-N03197	2020-01832-MMG	0.09	0.25:1	0.02	\$78,100.00	\$1,562.00
UPPER IL	370-0000018706	2/16/2021	Mercury Business Park Addition 2021	Racine	Village of Waterford	T4N, R19E, S36	IP-SE-2020-52-01038	2020-00575-AJK	0.008	1.45:1	0.01	\$83,000.00	\$830.00
UP MS BLRT	370-0000018668	3/2/2021	Marshfield Medical Center US HWY 10 and River Ave Project	Clark	Village of Marshfield	T24N, R2W, S15	IP-WC-2020-10-T04205	2020-02372-JMB	0.3	1.45:1	0.44	\$68,000.00	\$29,920

SW LK MICH	370-0000018522	3/4/2021	Marquette Ave North Veridian Homes	Milwaukee	City of Franklin	T5N, R21E, S11	EXE-SE-2020-41-03780	NA	0.12	1.45:1	0.17	\$78,100.00	\$13,277.00
SW LK MICH	370-0000019517	5/4/2021	Trans Pop Kenosha LLC - Lee Properties	Kenosha	Town of Somers	T2N, R22E, S28	IP-SE-2020-30-00044	2019-02937-AJK	1.94	1.45:1	2.81	\$78,100.00	\$218,461.00
NW LK MICH	370-0000019822	5/11/2021	Ariens Stone Prairie Pavilion	Calumet	City of Brillion	T29N, R20E, S27	IP-NE-2021-8-00833	2020-01909-MWM	0.08	1.45:1	0.12	\$68,400.00	\$8,208.00
UP MS BLRT	370-0000020233	5/20/2021	Town of Baldwin Rose Lane	St Croix	Town of Baldwin	T29N, R16W, S33	IP-WC-2021-56-T00830	2021-00470-JMB	0.74	1.45:1	1.07	\$68,000.00	\$72,760
SW LK MICH	370-0000020515	6/7/2021	Gleason Properties Sylvania Ave Development	Racine	Village of Yorkville	T3N, R21E, S1	EXE-SE-2021-52-02072	NA - nonfederal	0.55	1.45:1	0.8	\$78,100.00	\$62,480.00
SW LK MICH	370-0000020529	6/7/2021	Sanctuary at Pike Creek	Kenosha	Village of Somers	T2N, R22E, S15	EXE-SE-2021-30-01845	NA - nonfederal	0.74	1.45:1	1.07	\$78,100.00	\$83,567.00
SW LK MICH	370-0000020624	6/15/2021	FRED - Mt. Pleasant Braun Rd.	Racine	Village of Mt. Pleasant	T3N, R22E, S35	EXE-SE-2020-52-00864	NA - nonfederal	0.5	1.45:1	0.73	\$78,100.00	\$57,013.00
UPPER IL	370-0000020180	6/23/2021	Chateau Eau Plaines	Kenosha	Pleasant Prairie	T1N, R22E, S7	NA - artificial exemption	2019-00455-MHK	0.83	1.45:1	1.2	\$83,000.00	\$99,600.00

Appendix B – Impact Acres by Community Type

Temporary/Conversion, Permanent, and Total Impacts by Community Type													
Community Type	Impact Type	Total	CHIPPEWA	FOX	LK SUPERIOR	LOWER WIS	NW LK MICH	ROCK	ST CROIX	SW LK MICH	UP MS BLRT	UPPER IL	UPPER WIS
Total Acres		449.86	7.78	54.52	103.92	53.51	47.26	6.50	2.51	40.86	43.57	47.90	41.53
Total Temporary and Conversion		276.69	0.00	22.13	94.64	51.27	34.61	0.50	0.00	1.64	27.70	2.72	41.48
Total Permanent		173.17	7.78	32.39	9.28	2.24	12.65	6.00	2.51	39.22	15.87	45.18	0.05
Shallow, Open Water	Temp/Conversion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Permanent	9.75	0.17	0.01	0.00	0.44	0.03	0.00	0.02	0.33	7.28	1.47	0.00
	Total	9.75	0.17	0.01	0.00	0.44	0.03	0.00	0.02	0.33	7.28	1.47	0.00
Deep and Shallow Marsh	Temp/Conversion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Permanent	16.71	0.00	0.01	0.34	0.03	0.17	0.55	0.00	7.99	0.36	7.26	0.00
	Total	16.71	0.00	0.01	0.34	0.03	0.17	0.55	0.00	7.99	0.36	7.26	0.00
Sedge Meadow	Temp/Conversion	17.43	0.00	0.55	6.33	2.82	0.00	0.00	0.00	0.00	5.81	0.00	1.92
	Permanent	4.21	1.95	0.01	0.89	0.13	0.02	0.00	0.84	0.31	0.05	0.00	0.01
	Total	21.64	1.95	0.56	7.22	2.95	0.02	0.00	0.84	0.31	5.86	0.00	1.93
Freshwater (Wet) Meadow	Temp/Conversion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Permanent	96.01	1.66	26.35	6.53	0.17	5.53	0.41	0.12	19.10	3.80	32.34	0.01
	Total	96.01	1.66	26.35	6.53	0.17	5.53	0.41	0.12	19.10	3.80	32.34	0.01
Wet to Wet Mesic Prairie	Temp/Conversion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Permanent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Calcareous Fen	Temp/Conversion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Permanent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Open or Coniferous Bog	Temp/Conversion	1.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94	0.00	0.89
	Permanent	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.03
	Total	1.87	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.94	0.00	0.92
Shrub Swamp	Temp/Conversion	127.21	0.00	3.17	72.43	13.53	11.72	0.00	0.00	0.03	9.12	0.35	16.86
	Permanent	16.88	2.05	1.31	1.16	1.44	0.91	1.17	1.46	2.69	2.22	2.47	0.00

	Total	144.09	2.05	4.48	73.59	14.97	12.63	1.17	1.46	2.72	11.34	2.82	16.86
Wooded Swamp	Temp/Conversion	97.12	0.00	10.63	15.88	27.38	9.38	0.00	0.00	0.15	11.58	0.31	21.81
	Permanent	21.88	1.95	2.81	0.36	0.02	5.51	3.87	0.06	3.68	2.00	1.62	0.00
	Total	119.00	1.95	13.44	16.24	27.40	14.89	3.87	0.06	3.83	13.58	1.93	21.81
Floodplain Forest	Temp/Conversion	28.71	0.00	7.78	0.00	3.79	13.12	0.50	0.00	1.46	0.00	2.06	0.00
	Permanent	2.50	0.00	0.89	0.00	0.01	0.47	0.00	0.00	0.96	0.17	0.00	0.00
	Total	31.21	0.00	8.67	0.00	3.80	13.59	0.50	0.00	2.42	0.17	2.06	0.00
Seasonally Flooded Basin	Temp/Conversion	4.39	0.00	0.00	0.00	3.75	0.39	0.00	0.00	0.00	0.25	0.00	0.00
	Permanent	5.19	0.00	1.00	0.00	0.00	0.01	0.00	0.00	4.16	0.00	0.02	0.00
	Total	9.58	0.00	1.00	0.00	3.75	0.40	0.00	0.00	4.16	0.25	0.02	0.00



Appendix D – Calendar Year 2022 Credit Fee Schedule Methodology

1 **Project Portion**
(85% of credit price) = Land Value (variable) + Preconstruction (PPI adjusted) + Construction (PPI adjusted) + Monitoring (PPI adjusted) + Endowment (PPI adjusted)

2 **Credit Price**
(rounded to nearest \$100) = **Project Portion**
(85% of credit price) X 0.85

3 **Credit Price**
(rounded to nearest \$100) = **Project Portion**
(85% of credit price) + **Administration Cost**
(10% of credit price) + **Contingency Cost**
(5% of credit price)

Appendix E – Credit Timeline Compliance

WWCT Noncompliance for Three Growing Season Timelines

Year	Totals	UP MS BLRT	NW LK MICH	SW LK MICH	FOX	UPPER IL	LOWER WIS	ROCK	LK SUPERIOR	UPPER WIS	ST CROIX	CHIPPEWA	UP MS MAQP
Credits Due	47.77	10.56	2.89	0	12.87	5.47	0	0	6.54	0	0	9.44	0
Credits Constructed	0	0	0	0	0	0	0	0	0	0	0	0	0
2017 Late Credits	47.77	10.56	2.89	0	12.87	5.47	0	0	6.54	0	0	9.44	0
Credits Due	147.77	15.07	34.34	6.61	34.91	16.93	8.45	8.95	7.58	0	3.64	11.29	0
Credits Constructed	0	0	0	0	0	0	0	0	0	0	0	0	0
2018 Late Credits	147.77	15.07	34.34	6.61	34.91	16.93	8.45	8.95	7.58	0	3.64	11.29	0
Credits Due	249.77	33.12	38.46	11.12	43.72	26.82	28.12	8.95	24.33	20.2	3.64	11.29	0
Credits Constructed	206.06	35.67	50.16	0	39.56	23.1	36.57	0	21	0	0	0	0
2019 Late Credits	66.41	0	0	11.12	4.16	3.72	0	8.95	3.33	20.2	3.64	11.29	0
Credits Due	307.64	33.12	40.79	34.01	49.21	53.16	28.12	8.95	25.15	20.2	3.64	11.29	0
Credits Constructed	222.06	35.67	50.16	0	39.56	23.1	36.57	0	21	0	0	16	0
2020 Late Credits	107.02	0	0	34.01	9.65	30.06	0	8.95	4.15	20.2	NA	0	0
Credits Due	350.41	33.29	43.81	52.11	57.92	65.65	28.12	8.95	25.43	20.2	NA	14.93	0
Credits Constructed	352.94	35.67	50.16	46.86	39.56	80.88	36.57	0	21	26.24	NA	16	0
2021 Late Credits	36.99	0	0	5.25	18.36	0	0	8.95	4.43	0	NA	0	0