

# Wisconsin Wetland Conservation Trust



## Annual Report for Fiscal Year 2022

(REPORTING PERIOD JULY 1, 2021, TO JUNE 30, 2022)

**Submitted on:**

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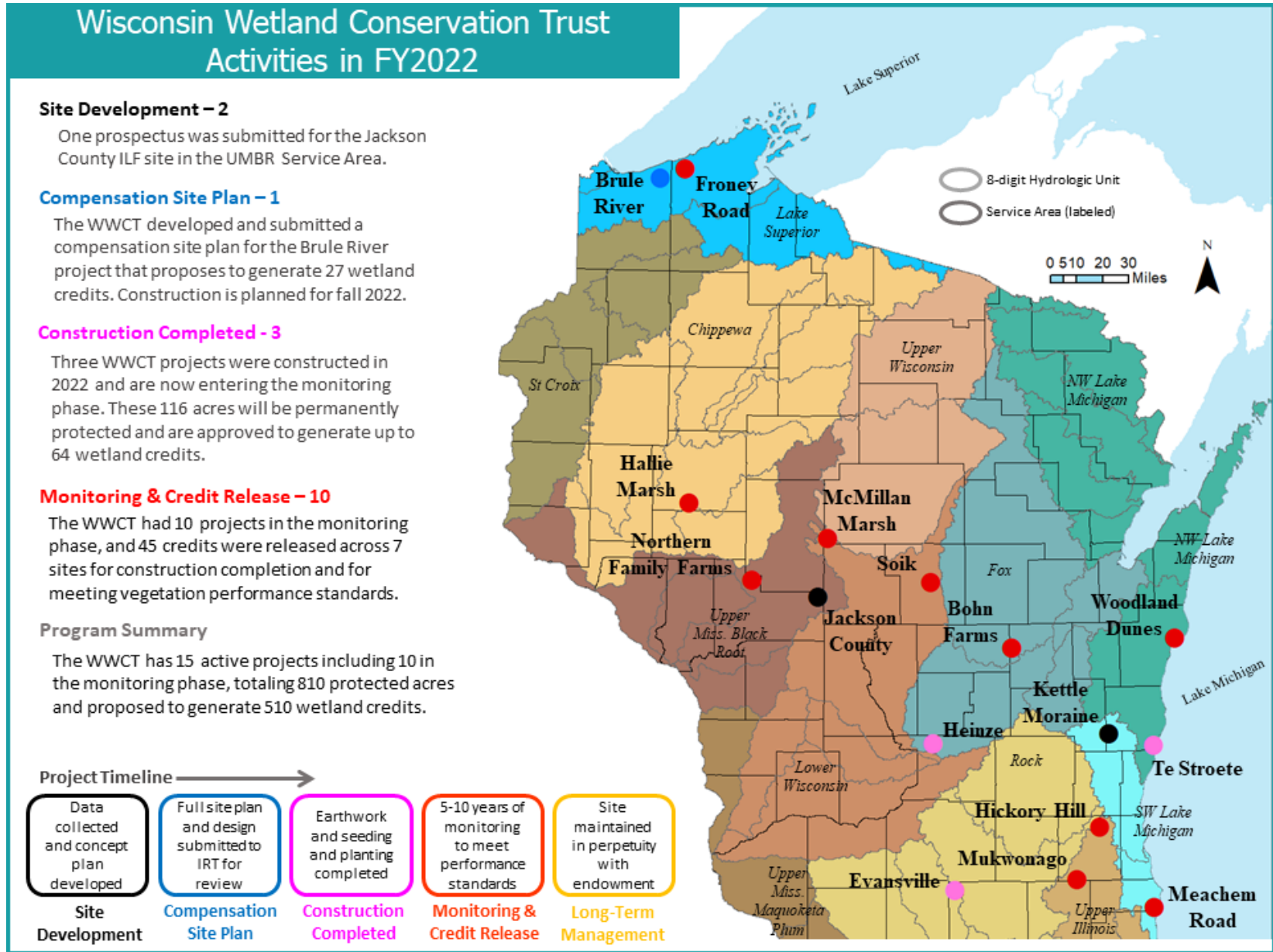
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Figure 1: Fiscal Year 2022 Project Activity Summary



## 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 Rivers 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 2022 state of Wisconsin fiscal year reporting period from July 1, 2021, to June 30, 2022 (FY2022).

## Fiscal Year 2022 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 468 acres have purchased 411 WWCT credits to fund projects that restore, enhance, create, and preserve wetlands. Funds from credit sales have been allocated to 15 projects protecting 810 acres in 10 different service areas. During FY2022, three projects were constructed, ten projects were in the monitoring period, and two projects were in development.

In FY2022, the WWCT sold 26.19 credits for 16 projects permitted by state and/or federal agencies. One of the credit sales was a correction of \$1,000 from a previous project that was permitted in FY2021. Fees were only received for credits sold in four service areas: \$654,705.25 (10.09 credits) in Southwestern Lake Michigan, \$53,747.20 (0.76 credits) in Upper Illinois, \$710,593.20 in Upper Mississippi Black Root (12.27 credits), and \$216,556.20 (3.32 credits) in Northwestern Lake Michigan.

The 15 projects resulted in 18.28 acres of impacts to wetland resources. Permanent fill was proposed on all 18.28 acres. Impacted wetland cover types were Fresh (Wet) Meadow at 7.28 acres, Shrub Swap at 5.46 acres, and Wooded Swamp at 5.54 acres.

A total of 26.19 credits were sold and the WWCT had a program liability of 335.22 credits and 447.68 credits available for purchase at the end of the fiscal year. Only 9.4 credits were noncompliant with the federal three growing season timeline at the end of FY2022. A total of 45.08 credits were released from active projects.

Four RFPs were issued during FY2022. RFPs opened on June 1, September 1, December 1, and March 1. No project applications were received.

In FY2022 two new contracts were signed, allocating \$465,130 to mitigation projects. Total allocated funds for mitigation projects at the end of FY2022 was \$19,540,796. Of these allocated funds, \$2,446,643 was planned to be held for an endowment for long-term management.

## Credit Sales, Revenue, and Wetland Impacts

In FY2022, 16 ILF payments were received across 4 service areas. A total of 26.19 advanced credits were sold at a total of \$1,924,061 in credit fees. Total advanced credit sales and revenue in FY2022 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 FY2022 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 FY2022.
- **Table 2** provides a comparison of program revenue and credit sale totals for all fiscal years of the WWCT's operation. The program sold 26.19 credits and received \$1,924,061 in fees in FY2022.
- **Table 3** shows total permitted wetland impacts using the WWCT for mitigation over the life of the program. After 18.28 impact acres used WWCT during FY2022, the total is now 468.14 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 18.28 acres of impacted wetlands, with Fresh (Wet) Meadow accounting for 40% of the acres impacted. All credits were sold at a ratio of 1.45:1 credits per acre of wetland impact. 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 FY2022 by the WWCT's credit availability, credits released from projects, and compliance liability.

Table 1 – Program Credit Sales Summary for FY2022

Quarter	Total Revenue	Total Advanced Credit Sales
1st Quarter	\$1,118,643	16.82
2nd Quarter	\$481,096	6.16
3rd Quarter	\$44,928	0.54
4th Quarter	\$209,394	2.67
<b>Total</b>	<b>\$1,924,061</b>	<b>26.19</b>

Table 2 – Total Revenue and Credit Sales

Fiscal Year	Revenue	Credits Sold
<b>2015</b>	\$3,339,710	55.61
<b>2016</b>	\$5,660,540	93.1
<b>2017</b>	\$6,148,080	101.06
<b>2018</b>	\$4,316,300	70.19
<b>2019</b>	\$2,718,144	42.68
<b>2020</b>	\$812,340	11.19
<b>2021</b>	\$902,918	11.62
<b>2022</b>	\$1,924,061	26.19
<b>Total</b>	<b>\$25,822,093</b>	<b>411.64</b>



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
2022	0.00	18.28	18.28
<b>Total</b>	<b>276.78</b>	<b>191.36</b>	<b>468.14</b>

Table 4 – Summary of Wetland Impacts by Cover Type

Wetland Cover Type	Acres Impacted
Shallow, Open Water	0
Deep and Shallow Marshes	0.00
Sedge Meadows	0
Freshwater (Wet) Meadow	7.28
Wet to Wet-Mesic Prairie	0
Calcareous Fens	0
Bog (Open or Coniferous)	0
Shrub Swamp (Shrub-Carr or Alder Thicket)	5.46
Wooded Swamp (Hardwood or Coniferous)	5.54
Floodplain Forests	0.00
Seasonally Flooded Basins	0.00
<b>Total</b>	<b>18.28</b>



Table 5 – Credit Sale Revenue by Service Area

Invoice Number	NW LK MICH	SW LK MICH	UPPER IL	UP MS BLRT	ADMINISTRATION	CONTINGENCY	TOTAL
370-0000020516		\$73,687			\$8,669	\$4,335	\$86,691
370-0000021050		\$38,503			\$4,530	\$2,265	\$45,298
370-0000020840	\$85,775				\$10,091	\$5,046	\$100,912
370-0000018821		\$21,907			\$2,577	\$1,289	\$25,773
370-0000021088		\$28,546			\$3,358	\$1,679	\$33,583
370-0000021257		\$1,000			\$0	\$0	\$1,000
370-0000021147		\$70,368			\$8,279	\$4,139	\$82,786
370-0000021403				\$690,710	\$81,260	\$40,630	\$812,600
370-0000021872		\$357,815			\$42,096	\$21,048	\$420,959
370-0000022062		\$34,520			\$4,061	\$2,031	\$40,612
370-0000022238		\$16,596			\$1,953	\$976	\$19,525
370-0000023193			\$38,189		\$4,493	\$2,246	\$44,928
370-0000024169	\$130,781				\$15,386	\$7,693	\$153,860
370-0000024178				\$19,883	\$2,339	\$1,170	\$23,392
370-0000025224		\$11,762			\$1,384	\$692	\$13,838
370-0000025335			\$15,558		\$1,830	\$915	\$18,304
<b>TOTAL</b>	<b>\$216,556</b>	<b>\$654,705</b>	<b>\$53,747</b>	<b>\$710,593</b>	<b>\$192,306</b>	<b>\$96,153</b>	<b>\$1,924,061</b>

Table 6 – Total Revenue

Operating Unit	Fund Name	Revenue	Interest	Total Revenue
WCT01	Non-Credit General Permit Surcharge Fee	\$37,800	\$609	\$38,409
WCT02	Administration	\$192,306	\$2,619	\$194,925
WCT03	Contingency	\$96,153	\$2,878	\$99,031
WCT04	Upper Mississippi Black Root	\$710,593	\$4,535	\$715,129
WCT05	Northwestern Lake Michigan	\$216,556	\$3,327	\$219,556
WCT06	Southwestern Lake Michigan	\$654,705	\$6,260	\$660,965
WCT07	Fox	\$0.00	\$3,044	\$3,044
WCT08	Upper Illinois	\$53,747	\$4,219	\$57,966
WCT09	Lower Wisconsin	\$0	\$652	\$652
WCT10	Upper Mississippi Maquoketa Plum	\$0	\$0	\$0
WCT11	Rock	\$0.00	\$622	\$622
WCT12	St Croix	\$0.00	\$0.00	\$0.00
WCT13	Upper Wisconsin	\$0.00	\$970	\$970
WCT14	Chippewa	\$0.00	\$810	\$810
WCT15	Lake Superior	\$0.00	\$1,978	\$1,978
<b>Total</b>		<b>\$1,961,861</b>	<b>\$32,523</b>	<b>\$1,994,057</b>

Table 7 – Credit Sales and Liabilities on 6/30/2022

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	3.35	47.74	27.26	21.00	4.43
Chippewa	50	11.29	3.95	42.66	7.34	XX	0.00
St Croix	30	3.64	3.64	26.36	0.00	3.64	0.00
Upper Miss. Black Root	50	36.37	12.48	26.11	23.89	35.60	0.00
Upper Miss. Black Root – Hi Crush Project Specific	11.95	11.95	0.00	0.00	11.95	0.00	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	3.05	14.93	25.07	36.57	0.00
Rock	90	8.95	0.00	81.05	8.95	8.95	0.00
Upper Illinois	40	37.31	11.13	13.82	26.18	37.31	0.00
Upper Illinois Project Specific*	70	41.88	0.00	28.12	41.88	41.88	0.00
Fox	75	57.92	15.28	17.08	42.64	70.05	0.00
NW Lake Michigan	100	50.70	17.55	66.85	33.15	60.55	0.00
SW Lake Michigan	60	57.70	9.37	11.67	48.33	31.86	3.42
SW Lake Michigan Project Specific*	15	15.00	0.00	NA	15.00	15.00	1.83
<b>Total</b>	<b>836.95</b>	<b>411.64</b>	<b>79.80</b>	<b>486.20</b>	<b>331.84</b>	<b>387.94</b>	<b>9.68</b>

\*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 \$323,697.02 on administration in FY2022, including salary, fringe, travel, and indirect expenses. A total of \$45,513.41 of that spending was allocated from the ILF administration fund.<sup>1</sup> The remaining \$278,183.61 was allocated from other state funding sources. One contract was signed allocating \$18,500 to projects. Invoices for work completed on fifteen projects were paid out totaling \$1,937,628.68. Also, the WWCT program invested \$857,000 in the WWCT endowment, to be used for long-term management on six projects in future years. No funds were spent from the contingency fund.

Table 8 – Total Expenditures

	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	\$24,277											\$24,277
Fringe	\$9,184											\$9,184
Travel	\$3,492						\$126					\$3,618
Capital												-
Land												-
Supplies & Services	\$2,236										\$6	\$2,242
Site Plan Development		\$18,500	\$29,601		\$28,138	\$844		\$11,774		\$269	\$42,083	\$131,209
Land Acquisition			\$906.00			\$33						\$939
Grant Admin.												-
Construction		\$158,880	\$114,340		\$324,209	\$161,770	\$11,083	\$156,987	\$55,253			\$982,522
Maintenance		\$238,560	\$88,239		\$102,099	\$29,757	\$41,780		\$18,196	\$45,832	\$21,221	\$585,684
Monitoring			\$35,672		\$52,124	\$38,429	\$31,502		\$7,948	\$22,858	\$45,377	\$233,910
Endowment		\$100,000	\$187,500		\$150,000	\$307,000	\$37,500			\$50,000	\$25,000	\$857,000
Other	\$1,209			\$33		\$3,200						\$4,441
<b>Total Direct</b>	<b>\$40,397</b>	<b>\$515,940.00</b>	<b>\$456,258</b>	<b>\$33</b>	<b>\$656,571</b>	<b>\$541,033</b>	<b>\$121,991</b>	<b>\$168,761</b>	<b>\$81,397</b>	<b>\$118,959</b>	<b>\$133,687</b>	<b>\$2,835,026</b>
<b>Total Indirect</b>	<b>\$5,116</b>											<b>\$5,116</b>
<b>Total Expenditures</b>	<b>\$45,513</b>	<b>\$515,940</b>	<b>\$456,258</b>	<b>\$33</b>	<b>\$656,571</b>	<b>\$541,033</b>	<b>\$121,991</b>	<b>\$168,761</b>	<b>\$81,397</b>	<b>\$118,959</b>	<b>\$133,687</b>	<b>\$2,840,142</b>

<sup>1</sup> The DNR Waterways Program was able to allocate administration dollars to other funding sources in FY22 in order to conserve the ILF administration fund for future years. Annual revenues for ILF administration costs have decreased over the past three years due to lower overall credit sales.

## Request for Proposals Summary

Quarterly RFPs were advertised in FY2022, 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. No applications were received in any of the four RFP periods.

Table 9 – 2021 June 1 RFP

Service Area Name	Minimum Credit Generation	Total Available Funding
SW Lake Michigan	25	\$840,000
Upper Illinois	15	\$580,000

Table 10 – 2021 September 1 RFP

Service Area Name	Minimum Credit Generation	Total Available Funding
SW Lake Michigan	25	\$840,000
Upper Illinois	15	\$580,000
Upper Miss. Black Root	20	\$820,000

Table 11 – 2021 December 1 RFP

Service Area Name	Minimum Credit Generation	Total Available Funding
SW Lake Michigan	25	\$1,250,000
Upper Illinois	15	\$580,000
Upper Miss. Black Root	20	\$820,000

Table 12 – 2022 March 1 RFP

Service Area Name	Minimum Credit Generation	Total Available Funding
SW Lake Michigan	25	\$1,000,000
Upper Illinois	15	\$580,000
Upper Miss. Black Root	20	\$820,000

## 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 ([09/22/2022: Land Sales Without Buildings - 2021](#)). For the 2023 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. 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 2023 credit prices, WWCT applied 5-year average inflation rates for [Professional Services](#) and [Construction](#) from the Producer Price Index for commodity and service groupings.

After these evaluations, credit prices will be increased in all service areas in 2023 as shown in Table 13.

**Table 13 – Credit Fee Schedule for Calendar Year 2023**

<b>Service Area</b>	<b>2022 Credit Fee (1/1/2022 - 12/31/2022)</b>	<b>2023 Credit Fee (1/1/2023 - 12/31/2023)</b>
Lake Superior	\$68,000	<b>\$70,300</b>
St. Croix	\$71,300	<b>\$74,500</b>
Chippewa	\$72,400	<b>\$75,400</b>
Upper Wisconsin	\$71,600	<b>\$74,300</b>
Lower Wisconsin	\$74,800	<b>\$78,000</b>
Upper Miss. Black Root	\$73,100	<b>\$76,000</b>
Upper Miss. Maq. Plum	\$75,000	<b>\$78,900</b>
Rock	\$79,300	<b>\$83,200</b>
Upper Illinois	\$83,200	<b>\$94,800</b>
SW Lake Michigan	\$81,400	<b>\$88,900</b>
Fox	\$75,900	<b>\$79,200</b>
NW Lake Michigan	\$78,500	<b>\$81,600</b>

## Project Activity

At the end of FY2022, the WWCT had 15 active projects. During the year, the program submitted one prospectus, three 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. Across all projects, 45.08 credits were released. See **Figure 1** for map details.

Table 14 – WWCT Project Activity Summary

Project Name	Acres	Potential Credits	Prospectus Submitted	Draft CSP Submitted	Final CSP Submitted	Initial Biological and Physical Improvements Complete	Earthwork Complete	Seeding and Planting Complete	Monitoring Report Submitted	Credits Released in FY22
Northern Family Farms	40.11	35.60							√	5.35
Mukwonago Davis	51.59	23.10							√	3.26
Bohn Farms	82.37	39.56							√	15.28
Woodland Dunes	78.96	50.16							√	
Fronney Road	40	21.00							√	1.18
Hallie Marsh	42.65	16.00							√	7.59
Soik	59.36	36.57							√	3.05
McMillan Marsh	47.97	26.24							√	
Te Stroete	31.11	10.31							√	
Meachem Road	61.57	46.86							√	9.37
Heinze	45.23	30.55							√	
Hickory Hill	118.47	57.78							√	
Evansville	40.1	23.2							√	
Brule River*	76.48	26.9			√					
Jackson County*	TBD	TBD								
<b>Total</b>	<b>815.97</b>	<b>443.83</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>45.08</b>

\*These projects were in development on June 30, 2022 and propose to protect 250 acres and generate over 100 credits.



## Long-Term Management

As of June 30, 2022, no WWCT projects were in the long-term management phase. However, during FY2022, the WWCT established a long-term management endowment through the Natural Resources Foundation of Wisconsin. The initial investment of \$550,000 included funding from six projects, listed below. No distributions were taken from the endowment, and the final balance for FY2022 is reflective of ongoing volatility in the investment marketplace. The WWCT Endowment final balance for FY2022 was \$464,50.45.

Table 15 – WWCT Endowment Investments and Spending in FY2022

Project	Service Area	Endowment Investment	LTM Expenditures
Bohn	Fox	\$150,000	\$0
Woodland Dunes	NW Lake Michigan	\$187,500	\$0
Northern Family Farms	Upper Miss. Black Root	\$100,000	\$0
Soik	Lower Wisconsin	\$37,500	\$0
Fronney Rd	Lake Superior	\$25,000	\$0
Hallie Marsh	Chippewa	\$50,000	\$0

The WWCT Mukwonago project will not be using the WWCT Endowment, but rather \$307,000 in long-term management funding was transferred to an endowment through the Waukesha County Community Foundation, to be managed by the Waukesha County Land Conservancy, which owns the project site and will be responsible for long-term management activities.

In future years, when applicable, long-term management activities on closed sites will be included in this report.

## 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 FY2022, the WWCT was late on active timelines in two service areas. Two projects were developed and are planned for construction to reset timelines: the Kettle Moraine project in SW Lake Michigan and the Brule River project in Lake Superior. See **Appendix E** for full credit timeline compliance history.

Table 16 – WWCT Three-Growing Season Timeline Summary

Service Area	First Credit Sale	Three Growing Season Deadline	Number of Late Credits	WWCT Progress
SW Lake Michigan	1/3/2019	11/1/2021	9.4	Kettle Moraine construction planned in 2023

### 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 – FY2022 Overall Credit Sale Ledger

Project Name	Service Area	HUC 8	County	Municipality	TRS	Acres Impacted	Credit Ratio	Advanced Credits Sold	DNR Permit Number	Corps Permit Number	Invoice #	Credit Price	Total Invoice	Purchase Date
Frontline Development Raymond Crossroads	SW LK MICH	Pike Root	Racine	Village of Raymond	T4N, R21E, S25	0.76	1.45:1	1.11	EXE-SE-2021-52-02062	NA - nonfederal	370-0000020516	\$78,100.00	\$86,691.00	7/6/2021
Project Redline	SW LK MICH	Pike Root	Waukesha	Waukesha County	T8N, R21E, S18	0.4	1.45:1	0.58	NA	2019-02894-AJK	370-0000021050	\$78,100.00	\$45,298.00	7/14/2021
Tyco Fire Products Ditch B System	NW LK MICH	Peshtigo	Marinette	City of Marinette	T30N, R24E, S7	0.94	1.45:1	1.36	IP-NE-2021-38-01598	MVP-2021-00760-RJH	370-0000020840	\$74,200.00	\$100,912.00	7/14/2021
Menomonee Falls Redevelopment - JES Good Falls	SW LK MICH	Upper Fox	Waukesha	City of Menomonee Falls	T8N, R2E, S24	0.23	1.45:1	0.33	EXE-SE-2020-68-03459	NA	370-0000018821	\$78,100.00	\$25,773.00	7/26/2021
Lakeshore Commons	SW LK MICH	Pike Root	Milwaukee	City of Oak Creek	T5N, R22E, S24	0.29	1.45:1	0.43	EXE-SE-2021-41-01603	NA - nonfederal	370-0000021088	\$78,100.00	\$33,583.00	7/26/2021
Trans Pop Kenosha LLC - Invoice Correction	SW LK MICH	Pike Root	Kenosha	Town of Somers	T2N, R22E, S28	0	NA	NA	IP-SE-2020-30-00044	2019-02937-AJK	370-0000021257	\$78,100.00	\$1,000.00	8/9/2021
Venture One Real Estate	SW LK MICH	Pike Root	Kenosha	City of Kenosha	T2N, R22E, S30	0.73	1.45:1	1.06	EXE-SE-2021-30-00614	NA - nonfederal	370-0000021147	\$78,100.00	\$82,786.00	8/11/2021
Hi Crush Whitehall Remediation	UP MS BLRT	Trempealeau	Trempealeau	City of Whitehall	T22N, R8W, S32-33	8.24	1.45:1	11.95	IP-WC-2021-62-01757	NA	370-0000021403	\$68,400.00	\$812,600.00	TBD
WM Orchard Hill Landfill Expansion	SW LK MICH	Pike Root	Waukesha	Village of Menomonee Falls	T8N, R20E, S1	3.72	1.45:1	5.39	IP-SE-2020-68-02761	2019-00452-AJK	370-0000021872	\$78,100.00	\$420,959.00	10/18/2021
Infinity Development	SW LK MICH	Pike Root	Milwaukee	City of Greenfield	T6N, R21E, S30	0.36	1.45:1	0.52	IP-SE-2021-41-03623	NA	370-0000022062	\$78,100.00	\$40,612.00	11/3/2021
Manhard Somers - Cardinal Capital Management	SW LK MICH	Pike Root	Kenosha	Village of Somers	T2N, R22E, S15	0.4	1.45:1	0.25	EXE-SE-2021-30-03952	NA	370-0000022238	\$78,100.00	\$19,525.00	11/19/2021

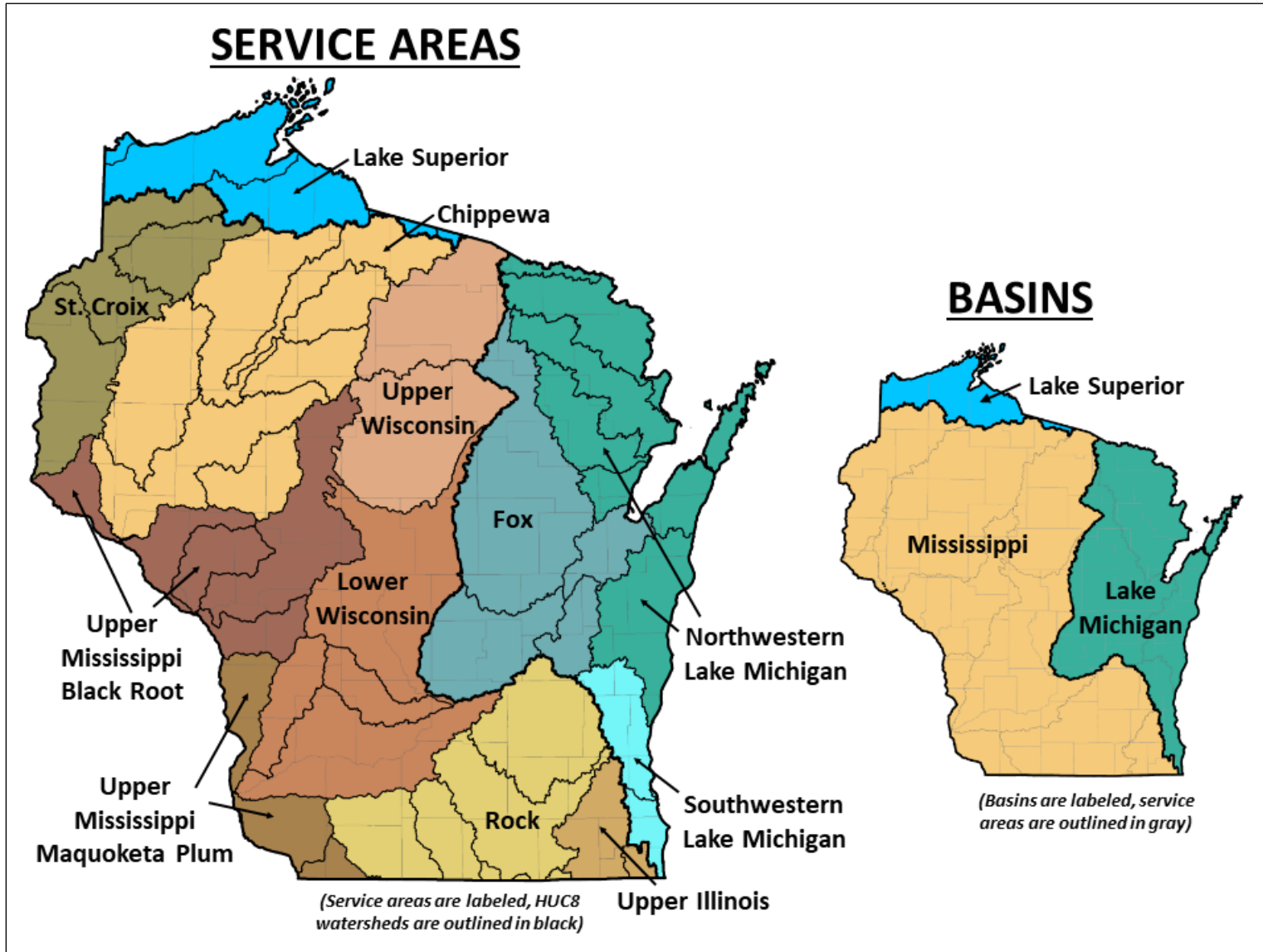
Becknell Industrial - Somers Owner, LLC	UPPER IL	Des Plaines	Kenosha	Village of Somers	T2N, R22E, S19	0.37	1.45:1	0.54	EXE-SE-2021-30-03186	NA	370-0000023193	\$83,200.00	\$44,928.00	2/7/2022
Setzer Properties ZGRB	NW LK MICH	Manitowoc Sheboygan	Manitowoc	City of Manitowoc	T19N, R23E, S36	1.35	1.45:1	1.96	IP-NE-2022-36-00263	2022-00157-JLK	370-0000024169	\$78,500.00	\$153,860.00	4/18/2022
Grassland Dairy	UP MS BLRT	Black River	Clark	City of Greenwood	T26N, R2W, S14	0.22	1.45:1	0.32	IP-WC-2021-10-04331	MVP-2021-02424-JMB	370-0000024178	\$73,100.00	\$23,392.00	5/9/2022
STC Development, LLC	SW LK MICH	Milwaukee	Racine	Village of Mt. Pleasant	T3N, R22E, S3	0.18	1.45:1	0.42	EXE-SE-2022-52-01855	NA	370-0000025224	\$81,400.00	\$13,838.00	6/21/2022
Bristol East Business Park Addition	UPPER IL	Upper Fox	Kenosha	Village of Bristol	T1N, R21E, S23	0.15	1.45:1	0.22	EXE-SE-2022-30-01921	NA	370-0000025335	\$83,200.00	\$18,304.00	6/29/2022

\*Credits Sold by Service Area: NW Lake Michigan, 3.32; SW Lake Michigan, 10.09; Upper Miss. Black Root, 12.27; Upper Illinois, 0.76.

Appendix B – Impact Acres by Community Type

Temporary/Conversion, Permanent, and Total Impacts by Community Type													
Community Type	Impacts Type	Total	CHIPPEWA	FOX	LK SUPERIOR	LOWER WIS	NW LK MICH	ROCK	ST CROIX	SW LK MICH	UP MS BLRT	UPPER IL	UPPER WIS
<b>Total</b>		<b>468.20</b>	<b>7.78</b>	<b>54.52</b>	<b>103.92</b>	<b>53.51</b>	<b>49.55</b>	<b>6.50</b>	<b>2.51</b>	<b>47.93</b>	<b>52.03</b>	<b>48.42</b>	<b>41.53</b>
<b>Total Temporary and Conversion</b>		<b>276.78</b>	0.00	22.13	94.64	51.27	34.61	0.50	0.00	1.73	27.70	2.72	41.48
<b>Total Permanent</b>		<b>191.42</b>	7.78	32.39	9.28	2.24	14.94	6.00	2.51	46.20	24.33	45.70	0.05
<b>Freshwater (Wet) Meadow</b>	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	103.36	1.66	26.35	6.53	0.17	7.70	0.41	0.12	21.89	5.66	32.86	0.01
	<b>Total</b>	<b>103.36</b>	1.66	26.35	6.53	0.17	7.70	0.41	0.12	21.89	5.66	32.86	0.01
<b>Sedge Meadow</b>	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
	<b>Total</b>	<b>21.64</b>	1.95	0.56	7.22	2.95	0.02	0.00	0.84	0.31	5.86	0.00	1.93
<b>Shrub Swamp</b>	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	22.34	2.05	1.31	1.16	1.44	1.03	1.17	1.46	6.70	3.55	2.47	0.00
	<b>Total</b>	<b>149.43</b>	2.05	4.48	73.59	14.97	12.63	1.17	1.46	6.73	12.67	2.82	16.86
<b>Wooded Swamp</b>	Temp/Conversion	97.13	0.00	10.63	15.88	27.38	9.38	0.00	0.00	0.16	11.58	0.31	21.81
	Permanent	27.41	1.95	2.81	0.36	0.02	5.51	3.87	0.06	3.94	7.27	1.62	0.00
	<b>Total</b>	<b>124.54</b>	1.95	13.44	16.24	27.40	14.89	3.87	0.06	4.10	18.85	1.93	21.81
<b>Floodplain Forest</b>	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
	<b>Total</b>	<b>31.21</b>	0.00	8.67	0.00	3.80	13.59	0.50	0.00	2.42	0.17	2.06	0.00
<b>Seasonally Flooded Basin</b>	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
	<b>Total</b>	<b>9.58</b>	0.00	1.00	0.00	3.75	0.40	0.00	0.00	4.16	0.25	0.02	0.00
<b>Shallow, Open Water</b>	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
	<b>Total</b>	<b>9.75</b>	0.17	0.01	0.00	0.44	0.03	0.00	0.02	0.33	7.28	1.47	0.00
<b>Deep and Shallow Marsh</b>	Temp/Conversion	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00

	Permanent	16.63	0.00	0.01	0.34	0.03	0.17	0.55	0.00	7.91	0.36	7.26	0.00
	<b>Total</b>	<b>16.71</b>	<b>0.00</b>	<b>0.01</b>	<b>0.34</b>	<b>0.03</b>	<b>0.17</b>	<b>0.55</b>	<b>0.00</b>	<b>7.99</b>	<b>0.36</b>	<b>7.26</b>	<b>0.00</b>
<b>Wet to Wet Mesic Prairie</b>	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
	<b>Total</b>	<b>1.87</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.94</b>	<b>0.00</b>	<b>0.92</b>
<b>Open or Coniferous Bog</b>	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
	<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Calcareous Fen</b>	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
	<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>





Appendix D – Calendar Year 2023 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
<b>2017 Late Credits</b>	<b>47.77</b>	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
<b>2018 Late Credits</b>	<b>147.77</b>	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
<b>2019 Late Credits</b>	<b>66.41</b>	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
<b>2020 Late Credits</b>	<b>107.02</b>	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
<b>2021 Late Credits</b>	<b>36.99</b>	0	0	5.25	18.36	0	0	8.95	4.43	0	NA	0	0
Credits Due	372.92	34.54	47.26	56.26	57.92	74.13	28.12	8.95	30.61	20.2	NA	14.93	0
Credits Constructed	440.25	35.67	60.47	46.86	65.56	80.88	36.57	26	46	26.24	NA	16	0
<b>2022 Late Credits</b>	<b>9.4</b>	0	0	9.4	0	0	0	0	0	0	NA	0	0