



AGENDA
REGULAR MEETING
7:30 P.M. – August 11, 2025 (Monday)
113 Timber Trail, Island Lake, IL

- 1. CALL TO ORDER & ROLL CALL**
- 2. PLEDGE OF ALLEGIANCE**
- 3. PUBLIC COMMENTS**
- 4. PRESENTATION & APPROVAL OF MINUTES**
 - a. Regular Meeting Minutes – July 14, 2025
 - b. Executive Session Meeting Minutes – July 14, 2025
- 5. TREASURER’S REPORT**
- 6. MANAGER’S REPORT**
 - a. Operations Report
 - b. Engineering Report
 - c. Delinquent Accounts Report
- 7. TRUSTEE REPORTS**
- 8. LEGAL BUSINESS**
- 9. OLD BUSINESS**
- 10. NEW BUSINESS**
 - a. Approve Change Order #2 for Holiday Hills / Le Villa Vaupell Phase 2 Project
 - b. Approve Pay Request #11 for Holiday Hills / Le Villa Vaupell Phase 2 Project
 - c. Approve Ordinance Amending Ordinance 25-02 regarding Late Payment Fees
 - d. Approve Resolution Authorizing the Purchase of Variable Frequency Drives for the Blowers
 - e. Approve Consulting Agreement with Stratifyx for Nutrient Trading Modeling
 - f. Approve Resolution Designating Surplus Property for Auction
 - g. Approve Revised Agreement with McHenry Conservation District for Nutrient Trading
- 11. MISCELLANEOUS CORRESPONDENCE**
 - a. MCGG Membership Meeting – City of Harvard – Wednesday, September 24, 2025
- 12. APPROVAL OF BILLS**
- 13. OTHER BUSINESS**
 - a. Executive Session – Pending Litigation, Personnel, if needed

Posted to www.nmwrld.org – August 8, 2025



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NORTHERN MORAIN WASTEWATER RECLAMATION DISTRICT

113 Timber Trail, Island Lake, Illinois 60042

REGULAR MEETING MINUTES

July 14, 2025

Present in person: **Trustees:** John Ragland, Timothy Brunn, Caretina Tellez, Theresa Neises, Ken Michaels
District Clerk: Elisa Fisher
District Manager: Mohammed Haque
District Attorney: Not present
Guest: None

President Michaels called the meeting to order at 7:30 p.m.

1. CALL TO ORDER:

Roll Call: Timothy Brunn – Present
John Ragland – Present
Caretina Tellez – Present
Theresa Neises – Present
Ken Michaels – Present

2. **PLEDGE OF ALLEGIANCE:** Those present stood and pledged allegiance to the flag.

3. **PUBLIC COMMENTS:** None

4. PRESENTATION & APPROVAL OF MINUTES:

a. Regular Meeting June 9, 2025

Motion by Trustee Brunn to approve the Regular Meeting minutes of June 9, 2025, as presented.
2nd by Trustee Tellez

4 ayes 0 nays 1 abstain

5. OATH OF OFFICE:

a. Having been duly appointed, Theresa Neises took the Oath of Office

6. TREASURER'S REPORT:

a. Approval of the Monthly Treasurer's Report for the month ending May 31, 2025

The Treasurer's Report was presented by Trustee Brunn.

Motion by Trustee Tellez to approve the Treasurer's Report for the month ending May 31, 2025, as presented.
2nd by Trustee Ragland

Roll Call: Timothy Brunn – Aye
John Ragland – Aye
Caretina Tellez – Aye
Theresa Neises – Aye
Ken Michaels – Aye

4 ayes 0 nays 1 abstain

MOTION CARRIED

6. **MANAGER'S REPORT:** None

7. **TRUSTEE REPORTS:** None



Northern Moraine Wastewater Reclamation District
Regular Meeting Minutes
July 14, 2025

8. LEGAL BUSINESS: None

9. OLD BUSINESS: None

10. NEW BUSINESS:

a. Approve Services Agreement for FY 2025-26 Funding Assistance with Trotter & Associates

Motion by Trustee Ragland to adopt a Resolution Authorizing the District Manager to enter into a contract with Trotter & Associates for Funding Assistance for an amount not to exceed \$30,000.

2nd by Trustee Brunn

Timothy Brunn – Aye
John Ragland – Aye
Caretina Tellez – Aye
Theresa Neises – Aye
Ken Michaels – Aye

5 ayes 0 nays 0 absent

MOTION CARRIED

b. Approve Pay Request #10 for Holiday Hills / Le Villa Vaupell Phase 2 Project

Motion by Trustee Brunn to approve Pay Request #10 for Holiday Hills / Le Villa Vaupell Phase 2 Project in the amount of \$588,130.34.

2nd by Trustee Tellez

Roll Call:

Timothy Brunn – Aye
John Ragland – Aye
Caretina Tellez – Aye
Theresa Neises – Aye
Ken Michaels – Aye

5 ayes 0 nays 0 absent

MOTION CARRIED

c. Approve Semi-Annual Strategic Plan Review

Motion by Trustee Ragland to Review and Adopt the Strategic Plan and updated Report of Performance.

2nd by Trustee Tellez

Roll Call:

Timothy Brunn – Aye
John Ragland – Aye
Caretina Tellez – Aye
Theresa Neises – Aye
Ken Michaels – Aye

5 ayes 0 nays 0 absent

MOTION CARRIED

d. September 2025 Board Meeting Date

Motion by President Michaels to move the September 8, 2025 Board Meeting Date to September 15, 2025 and post the appropriate notices.

2nd by Trustee Ragland

Roll Call:

Timothy Brunn – Aye
John Ragland – Aye
Caretina Tellez – Aye
Theresa Neises – Aye
Ken Michaels – Aye

5 ayes 0 nays 0 absent

MOTION CARRIED



Northern Moraine Wastewater Reclamation District
Regular Meeting Minutes
July 14, 2025

14. MISCELLANEOUS CORRESPONDENCE:

- a. MCCG Membership Meeting – Johnsburg Community Club – Wednesday, July 23, 2025

15. APPROVAL OF BILLS

Motion by Trustee Brunn to approve payment of bills for July 14, 2025, as presented, in the amount of \$846,475.04.

2nd by Trustee Ragland

Roll Call: Timothy Brunn – Aye
John Ragland – Aye
Caretina Tellez – Aye
Theresa Neises – Aye
Ken Michaels – Aye

5 ayes 0 nays 0 absent

MOTION CARRIED

16. OTHER BUSINESS:

a. Executive Session

Motion by President Michaels to go into Executive Session to discuss Pending Lawsuit.

2nd by Trustee Ragland

Unanimously approved on a voice vote.

MOTION CARRIED

Regular Session ended at 7:46 pm

Executive Session began at 7:46 pm

Executive Session ended at 8:03 pm

Regular Session reconvened at 8:03 pm

ADJOURNMENT

Motion by President Michaels to adjourn the meeting at 8.03 p.m.

Unanimously approved on a voice vote



Treasurer Report

As of June 30, 2025

ASSETS

Current Assets

Checking/Savings

1015 · Cash on Hand	250.00
1016 · Chase - Checking	685,564.05
1018 · Chase - Savings	33,850.53
1020 · First Mid Bank Trust	1,080,561.30
1060 · IL Epay Funds	63,642.46
1070 · JP Morgan Securities	
1082 · Certificates of Deposit	
1082bj · 1082bj BRADESCO BAC FLA BK	100,000.00
1082ba · 1082ba BANK AMERICA	100,000.00
1082bb · 1082bb GOLDMAN SACHS BK USA NEW	2,312.00
1082be · 1082be BEAL BK PLANO CD	100,000.00
1082bf · 1082bf HIGHLANDS CMNTY BK	100,000.00
1082b5 · 1082bg UNITED STATES TREASURY	96,204.13
1082bh · 1082bh UNITED STATES TREASURY	191,970.64
1082bi · 1082bi MERRICK BANK	100,000.00
Total 1082 · Certificates of Deposit	790,486.77
Total 1070 · JP Morgan Securities	790,486.77
Total Checking/Savings	2,654,355.11

Kenneth A. Michaels, Jr. - President

Date

Tim Brunn - Treasurer

Date

NMWRD
Profit & Loss Budget vs. Actual
May through June 2025

	May - Jun 25	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
4010 · Property Tax Income	46,140.03	90,000.00	-43,859.97	51.3%
4090 · Replacement Tax Income	483.83	5,000.00	-4,516.17	9.7%
4300 · Sewer Permit Income	300.00	2,000.00	-1,700.00	15.0%
4500 · Sewer Usage Income	582,729.14	3,371,650.00	-2,788,920.86	17.3%
4510 · Connection Fees	150,637.26	505,761.40	-355,124.14	29.8%
4520 · Penalty Income	18,454.02	95,000.00	-76,545.98	19.4%
4600 · Refund Income	97.71	500.00	-402.29	19.5%
4730 · Interest Income	940.81	20,000.00	-19,059.19	4.7%
4900 · Miscellaneous Income	0.00	1,000.00	-1,000.00	0.0%
4910 · Hauled Waste Income	45,136.50	110,000.00	-64,863.50	41.0%
4930 · Engin. & Legal Rev. Fees	0.00	5,000.00	-5,000.00	0.0%
Total Income	844,919.30	4,205,911.40	-3,360,992.10	20.1%
Gross Profit	844,919.30	4,205,911.40	-3,360,992.10	20.1%
Expense				
5000 · Salaries	164,059.72	1,095,690.00	-931,630.28	15.0%
5010 · Payroll Tax Expense	11,872.03	83,470.00	-71,597.97	14.2%
5020 · Payroll Expenses-other	182.32	1,100.00	-917.68	16.6%
5030 · Employee Insurance	40,303.98	241,840.00	-201,536.02	16.7%
5040 · Trainings & Seminars	2,328.80	30,500.00	-28,171.20	7.6%
5050 · Clothing Allowance	0.00	3,400.00	-3,400.00	0.0%
5060 · IMRF Employer Contribution Exp	9,476.69	69,890.00	-60,413.31	13.6%
5110 · Maintenance-Buildings	9,992.01	45,500.00	-35,507.99	22.0%
5120 · Maintenance-Vehicles	542.37	13,000.00	-12,457.63	4.2%
5130 · Maintenance-Equipment	480.00	70,000.00	-69,520.00	0.7%
5140 · Maintenance-Utility System	21,339.30	101,000.00	-79,660.70	21.1%
5150 · Maintenance Supplies	453.13	3,000.00	-2,546.87	15.1%
5160 · Sludge Hauling	26,680.24	55,000.00	-28,319.76	48.5%
5210 · Operating Supplies	184.89	8,000.00	-7,815.11	2.3%
5220 · Motor Fuel & Lube	1,406.03	14,000.00	-12,593.97	10.0%
5230 · Vehicle Supplies	0.00	2,100.00	-2,100.00	0.0%
5240 · Lab Supplies	2,988.65	15,000.00	-12,011.35	19.9%
5245 · Miscellaneous Equipment	0.00	2,000.00	-2,000.00	0.0%
5250 · Small Tools	0.00	1,200.00	-1,200.00	0.0%
5255 · Chemicals Expense	23,419.12	91,000.00	-67,580.88	25.7%
5260 · Safety Equipment	446.59	10,500.00	-10,053.41	4.3%
5320 · General Insurance	2,567.00	88,700.00	-86,133.00	2.9%
5330 · Telephone Expense	9,481.44	30,422.80	-20,941.36	31.2%
5360 · Utilities	36,706.76	210,500.00	-173,793.24	17.4%
5361 · Security System	816.00	11,300.00	-10,484.00	7.2%
5380 · Rentals	0.00	1,100.00	-1,100.00	0.0%
5390 · Travel Expense	2,159.48	4,500.00	-2,340.52	48.0%
5410 · Software Support	12,743.64	68,508.76	-55,765.12	18.6%
5420 · Accounting Service	651.00	13,500.00	-12,849.00	4.8%
5430 · Professional Lab Testing	514.10	8,000.00	-7,485.90	6.4%
5435 · Julie Locate Expense	0.00	3,500.00	-3,500.00	0.0%
5440 · Engineering Services	0.00	6,000.00	-6,000.00	0.0%
5450 · Legal Expenses	13,765.50	101,500.00	-87,734.50	13.6%

NMWRD
Profit & Loss Budget vs. Actual
May through June 2025

	May - Jun 25	Budget	\$ Over Budget	% of Budget
5460 · Permit Fees	500.00	18,000.00	-17,500.00	2.8%
5480 · Other Professional Services	36,163.74	159,600.00	-123,436.26	22.7%
5510 · Office Supplies	1,292.19	11,000.00	-9,707.81	11.7%
5520 · Postage	3,121.05	31,000.00	-27,878.95	10.1%
5530 · Website Expense	53.12	2,000.00	-1,946.88	2.7%
5540 · Printing & Publishing	1,734.72	9,300.00	-7,565.28	18.7%
5550 · Publications & Subscriptions	153.41	1,000.00	-846.59	15.3%
5560 · Membership Dues	600.00	10,380.00	-9,780.00	5.8%
5630 · Bank Service Charges	1,759.13	12,600.00	-10,840.87	14.0%
5640 · Interest Expense	-30.40	39,174.00	-39,204.40	-0.1%
5710 · Miscellaneous Expense	0.11	500.00	-499.89	0.0%
5810 · Refunds	-3.20	100.00	-103.20	-3.2%
Total Expense	440,904.66	2,799,375.56	-2,358,470.90	15.8%
Net Ordinary Income	404,014.64	1,406,535.84	-1,002,521.20	28.7%
Other Income/Expense				
Other Income				
4800 · Refund for Loss Claims	0.00	0.00	0.00	0.0%
4810 · Bond Proceeds & Interest	0.00	9,198,572.00	-9,198,572.00	0.0%
4995 · Grants & Contributions	23,709.51	2,415,261.85	-2,391,552.34	1.0%
Total Other Income	23,709.51	11,613,833.85	-11,590,124.34	0.2%
Other Expense				
6010 · Office Equipment over \$500	869.96	6,500.00	-5,630.04	13.4%
6030 · Capitalized Treatment Upgrade	275,349.50	12,172,000.00	-11,896,650.50	2.3%
6040 · Bond Principal Payable	0.00	651,542.00	-651,542.00	0.0%
6070 · Building Improvements	69.56	0.00	69.56	100.0%
Total Other Expense	276,289.02	12,830,042.00	-12,553,752.98	2.2%
Net Other Income	-252,579.51	-1,216,208.15	963,628.64	20.8%
Net Income	151,435.13	190,327.69	-38,892.56	79.6%

NMWRD Escrow Account(s) Summary
rev. August 1st, 2025



Project	Village	Developer	Escrow Start	Total Funding	Draws	Balance as of Aug. 1st	Notes
Beech Street Senior Lofts	IL	Lincoln Avenue Capital	2/13/2023	\$ 5,000.00	2	\$ 1,740.00	Account Current
NOBO Provisioning Center	LM	BA/MA Lakemoor Property LLC	7/5/2023	\$ 2,500.00	4	\$ 1,062.50	Account Current
Kelley's Market	IL	Arc Design Resources, Inc.	10/27/2023	\$ 3,750.00	8	\$ (1,828.00)	Account Current. Replenishment was requested on 7/22/2025.
Woodman's Car Wash	LM	FoxArneson, Inc.	5/6/2025	\$ 3,750.00	2	\$ 1,250.00	Account Current
Cellular Sales	LM	GRH Holdings LLC	7/25/2025	\$ 2,500.00	0	\$ 2,500.00	Account Current

Total Funding for All Escrow Accounts to Date	\$84,311.82
**Since District re-established Escrow accounts in 2019.	

NMWRD Holiday Hills / Le Villa Vaupell Connection Fee Loan Tracking

FY 2025-26



Account No	Address	Contract Charge	Principal	Interest	Payment	Contract Balance
4005722	1404 Sunset Drive	\$ 10,822.00	\$ 272.33	\$ 606.06	\$ (826.72)	\$ 10,549.67
4005785	2401 S Vaupell Drive	\$ 10,822.00	\$ 395.28	\$ 532.10	\$ (875.71)	\$ 10,426.72
4005793	2701 Holiday Drive	\$ 10,822.00	\$ 305.39	\$ 676.34	\$ (930.06)	\$ 10,516.61
4005802	3001 Holiday Drive	\$ 10,822.00	\$ 189.78	\$ 585.27	\$ (671.71)	\$ 10,574.79

Total	\$ 43,288.00	\$ 1,162.78	\$ 2,399.77	\$ (3,304.20)	\$ 42,067.79
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Northern Moraine WRD Project Grant Tracking

Rev. August 1, 2025

Project	Year	Program	Agency	Grant Requested	Expected Grant Amount	Project Amount	Date Applied	Status
Holiday Hills Sanitary Sewer Extension	2025	FY2026 Congressionally Directed Spending	U.S. House Representative Bill Foster	\$5,000,000.00	\$1,092,000	\$6,700,000.00	4/17/2025	Recommended for Congressional Approval
Darrell Road Phase 1A	2025	FY2026 Congressionally Directed Spending	U.S. Senator Dick Durbin	\$5,000,000.00	-	\$5,000,000.00	4/11/2025	Under Review
Lift Station Upgrades	2025	FY2026 Congressionally Directed Spending	U.S. Senator Dick Durbin	\$1,998,000.00	-	\$1,998,000.00	4/11/2025	Under Review
UV Disinfection	2025	FY2026 Congressionally Directed Spending	U.S. Senator Dick Durbin	\$1,723,000.00	-	\$1,723,000.00	4/11/2025	Under Review
Nutrient Credit Trading	2025	FY2026 Congressionally Directed Spending	U.S. Senator Dick Durbin	\$1,000,000.00	-	\$1,000,000.00	4/11/2025	Under Review
Lakemoor Lift Stations 2-5 Modifications	2025	McHenry County – Community Development Block Grant (CDBG)	McHenry County	\$682,080.00	-	\$776,380.00	1/17/2025	Under Review
Unsewered Community – Village of Holiday Hills / Le Villa Vaupell (Phase 2)	2023	Congressionally Directed Spending Request	U.S. House Representative Bill Foster	\$3,500,000	\$959,752	\$10,851,000	3/17/2023	Recommended for Congressional Approval
WWTF Emergency Power Systems Replacement	2022	Congressionally Directed Spending Request	U.S. Senator Dick Durbin	\$250,000	\$250,000	\$500,000	4/15/2022	Awarded / In-Progress
Unsewered Community – Village of Holiday Hills / Le Villa Vaupell (Phase 2)	2022	FY 2023 Interior, Environment, and Related Agencies CPF Request Form IL-14 (Google Form)	US House Representative Lauren Underwood	\$2,500,000	\$2,500,000	\$10,851,000	4/15/2022	Fully Disbursed to NMWRD
Continued on next page								



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NORTHERN MORaine W R D

Project	Year	Program	Agency	Grant Requested	Expected Grant Amount	Project Amount	Date Applied	Status
Unsewered Community – Village of Holiday Hills (Phase 1)	2022	McHenry County – ADVANCE McHenry County (ARPA Funding)	McHenry County	\$2,905,080	\$2,000,000	\$7,287,500	2/8/2022	Awarded / In-Progress
Unsewered Community – Village of Holiday Hills / Le Villa Vaupell (Phase 2)	2022	McHenry County – Community Development Block Grant (CDBG)	McHenry County	\$200,000	\$96,364	\$7,287,500	1/4/2022	Fully Disbursed to NMWRD
Lakemoor Lift Stations	2021	Capital Grant Line Item Appropriation (Public Act 101-0638, House Bill 0064)	DCEO	\$400,000	\$400,000	\$732,730	3/11/2021	Fully Disbursed to NMWRD
Unsewered Community – Village of Holiday Hills (Phase 1)	2020	Unsewered Communities Construction Grant Program	IEPA	\$3,495,600	\$3,495,600	\$6,700,000	12/31/2020	Fully Disbursed to NMWRD
Control Building Electrical Upgrades	2020	Installation and/or Replacement of Utilities Grant Program (Public Act 101-0007 and/or Public Act 101-0029)	DCEO	\$200,000	\$200,000	\$445,494	6/23/2020	Fully Disbursed to NMWRD
Expected Grant Amount Total					\$10,993,716			

Expected Grants	4
Fully Disbursed Grants	5
TOTAL GRANTS SINCE 2020	9

Project	Amount Granted	Amount Expended	Remaining Grant Balance
Holiday Hills / Le Villa Vaupell Sewer Extension – Phase 2	\$96,364.00	\$96,364.00	\$0.00
	\$2,500,000.00	\$2,500,000.00	\$0.00
	\$2,000,000.00	\$1,266,918.66	\$733,081.34
Total	\$4,596,364.00	\$3,863,282.66	\$733,081.34



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Northern Moraine WRD - Septage Receiving Tracking
FY 2025-2026



Month	Loads	Gallons	Revenue FY 25-26	Revenue FY 24-25	% Revenue Change
May-25	84	298,262	\$19,378.95	\$16,059.05	121%
Jun-25	111	383,798	\$25,519.55	\$15,618.75	163%
Jul-25	103	356,216	\$23,645.30	\$14,387.10	164%
Aug-25			\$0.00	\$6,063.05	0%
Sep-25			\$0.00	\$5,616.80	0%
Oct-25			\$0.00	\$12,971.00	0%
Nov-25			\$0.00	\$8,443.05	0%
Dec-25			\$0.00	\$7,021.00	0%
Jan-26			\$0.00	\$4,510.10	0%
Feb-26			\$0.00	\$5,349.05	0%
Mar-26			\$0.00	\$9,406.95	0%
Apr-26			\$0.00	\$16,886.10	0%
Total	298	1,038,276	\$68,543.80	\$122,332.00	56%

	Loads	Revenue
Fiscal Year 2020-2021	232	\$ 45,104.40
Fiscal Year 2021-2022	326	\$ 61,852.80
Fiscal Year 2022-2023	506	\$ 102,312.80
Fiscal Year 2023-2024	526	\$ 124,902.20
Fiscal Year 2024-2025	527	\$122,332.00

	Date	Company Name	Gallons	Cost/Gal	Revenue	Time		Type
Jul-25	7/1/2025	Weidner's	3600	Flat Rate	\$238.00	8:50	AM	Septic
	7/1/2025	Helmer	3000	Flat Rate	\$214.20	9:25	AM	Septic
	7/2/2025	Helmer	2935	Flat Rate	\$214.20	8:05	AM	Septic
	7/2/2025	Weidner's	3500	Flat Rate	\$238.00	9:45	AM	Septic
	7/2/2025	Helmer	3250	Flat Rate	\$214.20	12:10	PM	Septic
	7/2/2025	Weidner's	3800	Flat Rate	\$238.00	12:25	PM	Septic
	7/2/2025	Helmer	3600	Flat Rate	\$238.00	1:15	PM	Septic
	7/2/2025	Weidner's	3500	Flat Rate	\$238.00	1:40	PM	Septic
	7/3/2025	Helmer	3400	Flat Rate	\$214.20	1:45	PM	Septic
	7/3/2025	Helmer	3200	Flat Rate	\$214.20	9:35	AM	Septic
	7/3/2025	Weidner's	3800	Flat Rate	\$238.00	9:30	AM	Septic
	7/7/2025	Weidner's	3600	Flat Rate	\$238.00	12:35	PM	Septic
	7/7/2025	Weidner's	3800	Flat Rate	\$238.00	9:30	AM	Septic
	7/7/2025	Weidner's	3600	Flat Rate	\$238.00	1:40	PM	Septic
	7/7/2025	Weidner's	3500	Flat Rate	\$238.00	2:45	PM	Septic
	7/7/2025	Helmer	3045	Flat Rate	\$214.20	10:30	AM	Septic
	7/8/2025	Weidner's	3500	Flat Rate	\$238.00	12:45	PM	Septic
	7/8/2025	Weidner's	3700	Flat Rate	\$238.00	3:25	PM	Septic
	7/8/2025	Helmer	3600	Flat Rate	\$238.00	1:35	PM	Septic
	7/8/2025	Arrow Septic	3000	Flat Rate	\$208.25	1:20	PM	Septic
	7/9/2025	Weidner's	3000	Flat Rate	\$214.20	12:00	PM	Septic
	7/9/2025	Weidner's	3700	Flat Rate	\$238.00	2:50	PM	Septic
	7/10/2025	Weidner's	3800	Flat Rate	\$238.00	10:00	AM	Septic
	7/10/2025	Helmer	2900	Flat Rate	\$214.20	1:38	PM	Septic
	7/10/2025	Weidner's	3700	Flat Rate	\$238.00	3:05	PM	Septic
	7/10/2025	Weidner's	3000	Flat Rate	\$214.20	4:48	PM	Septic
	7/10/2025	Weidner's	3600	Flat Rate	\$238.00	10:47	AM	Septic
	7/11/2025	Helmer	3300	Flat Rate	\$214.20	6:30	AM	Septic

Jul-25

7/11/2025	Weidner's	3700	Flat Rate	\$238.00	8:45	AM	Septic
7/11/2025	Weidner's	3500	Flat Rate	\$238.00	9:20	AM	Septic
7/11/2025	Arrow Septic	3000	Flat Rate	\$208.25	9:45	AM	Septic
7/11/2025	Community Sewer	3000	Flat Rate	\$190.40	9:55	AM	Septic
7/11/2025	Helmer	3440	Flat Rate	\$214.20	10:35	AM	Septic
7/11/2025	Weidner's	3800	Flat Rate	\$238.00	12:55	PM	Septic
7/14/2025	Weidner's	3500	Flat Rate	\$238.00	2:20	PM	Septic
7/14/2025	Weidner's	3200	Flat Rate	\$214.20	12:56	PM	Septic
7/14/2025	Weidner's	3500	Flat Rate	\$238.00	9:30	AM	Septic
7/14/2025	Helmer	3650	Flat Rate	\$238.00	8:30	AM	Septic
7/15/2025	Weidner's	3800	Flat Rate	\$238.00	2:50	PM	Septic
7/15/2025	Weidner's	3500	Flat Rate	\$238.00	12:20	PM	Septic
7/15/2025	Weidner's	3600	Flat Rate	\$238.00	12:00	PM	Septic
7/15/2025	Helmer	2850	Flat Rate	\$214.20	11:40	AM	Septic
7/15/2025	Helmer	3690	Flat Rate	\$238.00	9:55	AM	Septic
7/15/2025	Weidner's	3500	Flat Rate	\$238.00	9:35	AM	Septic
7/15/2025	Weidner's	3600	Flat Rate	\$238.00	9:10	AM	Septic
7/16/2025	Weidner's	3400	Flat Rate	\$238.00	3:30	PM	Septic
7/16/2025	Helmer	3750	Flat Rate	\$238.00	1:58	PM	Septic
7/16/2025	Weidner's	3700	Flat Rate	\$238.00	12:35	PM	Septic
7/16/2025	Weidner's	3700	Flat Rate	\$238.00	10:10	AM	Septic
7/17/2025	Weidner's	3500	Flat Rate	\$238.00	4:00	PM	Septic
7/17/2025	Weidner's	3750	Flat Rate	\$238.00	1:30	PM	Septic
7/17/2025	Weidner's	3750	Flat Rate	\$238.00	1:10	PM	Septic
7/17/2025	Weidner's	3800	Flat Rate	\$238.00	12:30	PM	Septic
7/17/2025	Weidner's	3750	Flat Rate	\$238.00	10:18	AM	Septic
7/17/2025	Weidner's	3800	Flat Rate	\$238.00	9:40	AM	Septic
7/18/2025	Helmer	2830	Flat Rate	\$214.20	9:25	AM	Septic
7/18/2025	Helmer	3100	Flat Rate	\$238.00	12:20	PM	Septic
7/18/2025	Weidner's	3700	Flat Rate	\$238.00	3:35	PM	Septic
7/21/2025	Weidner's	3500	Flat Rate	\$238.00	9:45	AM	Septic
7/21/2025	Helmer	3600	Flat Rate	\$238.00	10:10	AM	Septic
7/21/2025	Helmer	3900	Flat Rate	\$238.00	1:40	PM	Septic
7/21/2025	Weidner's	3800	Flat Rate	\$238.00	3:45	PM	Septic
7/21/2025	Weidner's	3500	Flat Rate	\$238.00	4:30	PM	Septic
7/22/2025	Helmer	3960	Flat Rate	\$238.00	1:40	PM	Septic
7/22/2025	Weidner's	3800	Flat Rate	\$238.00	2:00	PM	Septic
7/22/2025	Weidner's	3500	Flat Rate	\$238.00	2:15	PM	Septic
7/22/2025	Weidner's	3500	Flat Rate	\$238.00	4:15	PM	Septic
7/22/2025	Helmer	3600	Flat Rate	\$238.00	9:30	AM	Septic
7/23/2025	Helmer	3380	Flat Rate	\$214.20	2:05	PM	Septic
7/23/2025	Helmer	3390	Flat Rate	\$238.00	11:05	AM	Septic
7/23/2025	Weidner's	3000	Flat Rate	\$214.20	2:30	PM	Septic
7/24/2025	Weidner's	3500	Flat Rate	\$238.00	2:35	PM	Septic
7/24/2025	Weidner's	3700	Flat Rate	\$238.00	1:15	PM	Septic
7/24/2025	Arrow Septic	3500	Flat Rate	\$214.20	10:50	AM	Septic
7/24/2025	Weidner's	3500	Flat Rate	\$214.20	9:35	AM	Septic
7/24/2025	Weidner's	3800	Flat Rate	\$238.00	9:30	AM	Septic
7/24/2025	Helmer	3350	Flat Rate	\$238.00	9:15	AM	Septic
7/25/2025	Weidner's	3500	Flat Rate	\$238.00	2:10	PM	Septic
7/25/2025	Weidner's	3700	Flat Rate	\$238.00	1:00	PM	Septic
7/25/2025	Arrow Septic	3500	Flat Rate	\$214.20	12:05	PM	Septic
7/25/2025	Helmer	3060	Flat Rate	\$214.20	10:20	AM	Septic
7/28/2025	Weidner's	3250	Flat Rate	\$214.20	2:26	PM	Septic
7/28/2025	Weidner's	3500	Flat Rate	\$238.00	2:00	PM	Septic
7/28/2025	Weidner's	3500	Flat Rate	\$238.00	11:55	AM	Septic
7/28/2025	Helmer	3095	Flat Rate	\$214.20	11:15	AM	Septic
7/28/2025	Weidner's	3700	Flat Rate	\$238.00	9:25	AM	Septic
7/28/2025	Helmer	3185	Flat Rate	\$214.20	3:20	PM	Septic
7/28/2025	Weidner's	3400	Flat Rate	\$214.20	8:40	AM	Septic

Jul-25	7/29/2025	Weidner's	3500	Flat Rate	\$214.20	12:45	PM	Septic
	7/29/2025	Weidner's	2750	Flat Rate	\$214.20	4:37	PM	Septic
	7/29/2025	Weidner's	3200	Flat Rate	\$238.00	3:45	PM	Septic
	7/30/2025	Weidner's	3000	Flat Rate	\$214.20	11:15	AM	Septic
	7/30/2025	Weidner's	3800	Flat Rate	\$238.00	9:35	AM	Septic
	7/30/2025	Weidner's	3700	Flat Rate	\$238.00	1:55	PM	Septic
	7/30/2025	Helmer	2850	Flat Rate	\$214.20	2:35	PM	Septic
	7/30/2025	Weidner's	3350	Flat Rate	\$214.20	9:45	AM	Septic
	7/30/2025	Helmer	3750	Flat Rate	\$238.00	10:17	AM	Septic
	7/30/2025	Helmer	3200	Flat Rate	\$214.20	12:00	PM	Septic
	7/31/2025	Helmer	3400	Flat Rate	\$214.20	9:25	AM	Septic
	7/31/2025	Helmer	3156	Flat Rate	\$238.00	12:55	PM	Septic
	7/31/2025	Weidner's	3000	Flat Rate	\$214.20	1:15	PM	Septic
	7/31/2025	Weidner's	3300	Flat Rate	\$238.00	12:30	PM	Septic
	7/31/2025	Weidner's	3800	Flat Rate	\$238.00	9:45	AM	Septic



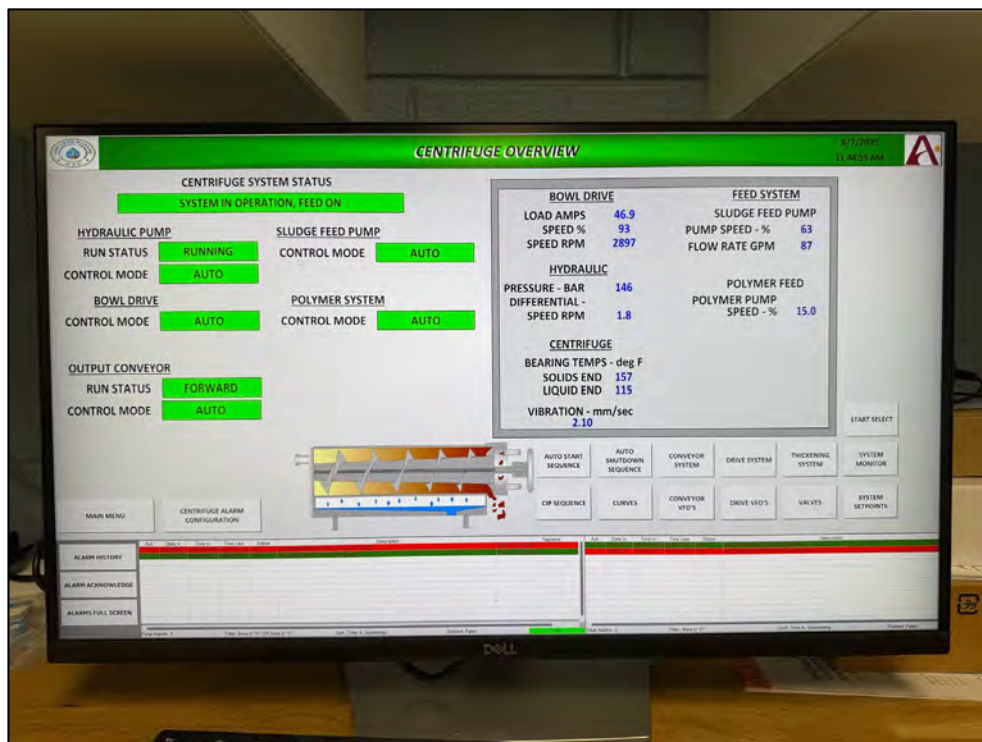
NMWRD Operations Report

Date: August 7th, 2025

Prepared by: Joe Lapastora – Director of Operations

Plant SCADA and Lift Station SCADA:

[Project Update] – The intent remains to transmit plant and collections system data to the SCADA command center stationed at the treatment facility via radio/telemetry which will require substantial infrastructure upgrades. This infrastructure will provide a wide range over the District's service area where we can then broadcast data to, and receive data from, our 24 lift stations. As of today, we have successfully integrated all Holiday Hills and Lakemoor Lift Stations into SCADA, bringing the count of stations connected to nine (9). For the time being, stations are communicating with our plant SCADA command center via cellular service since the District opted to install MDS orbits with dual capabilities of both cellular and radio/telemetry. Noteworthy upgrades achieved through July include fully tying in both RAS wet well alarming and dewatering operations into SCADA. Note that a P.O. was issued to AAC in late July for them to perform the necessary conduit and wiring work at the chemical building that will allow for us to tie the entire back half of the plant into our SCADA (i.e. Clarifiers, Chemicals, Panels associated with NPW and Oxidation Ditch, etc.). Additionally, in the collection system realm, our integrator is still working on the radio ping testing that started last month as we start to enter our transition away from cellular over to radio telemetry. Continued SCADA work will be performed over the next 1-3 month. More information will be provided on next month's Operations Report.



Dewatering Operations SCADA screen.



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NPDES Permit Renewal:

As of October 1st, 2023, the District has been operating under the expired NPDES permit until the new permit arrives. This is typical during most renewal periods and the IEPA requires that we continue to operate under our expired permit until the new permit is processed. The District contacted the IEPA in August 2024 to check in on the District's permit renewal and we were informed the delay in the issuance on our new permit was a result of the IEPA implementing new PFAS language into our permit since all treatment plants that treat over 1 million gallons per day (1 MGD) will now include PFAS language to address the recent federally mandated PFAS limits. Additionally, we suspect the delay on IEPA issuing the new permit is related to some Special Condition language regarding Nutrient Trading efforts that NWMRD will spearhead in Illinois.

Septage Receiving Station:

[Project Update] – The District will be improving infrastructure associated with our hauled waste program over the next 1-2 months as we will be implementing screening and flow monitoring to improve the septage receiving procedure. These improvements were prompted from permitted haulers' feedback and fall in line with the original plan since the inception of the District's hauled waste program. The intent is to utilize a retrofitted drying bed for the new location of the septage receiving station since the area is already set up for spill containment and draining purposes. Over the course of July, District Operator, Dan Alcock, led the brigade on taking this project in-house. As of today, we are nearing completion of the septage receiving station buildout with the remaining items including pipe assembly, electrical, flowmeter startup, integration, stone fill of drying bed runners, and hydrant install. After that scope is completed, we can consider allowing haulers to discharge in the new station. Looking forward, we are still working on the implementation of a POS software/panel that will automatically generate a manifest for each hauler after each dump, and we will also look to install actuated gates. Continued work is expected to be performed over the next 1-2 months. More information will be provided on next month's Operations Report.



Septage receiving station layout.



Piping and flowmeter run for septage screener.





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WWTP Blower Upgrades:

[Project Update] – The District is moving forward with blower upgrades associated with our aerobic digestion process. The District utilizes industrial size blowers to drive air into our two (2) digesters to create an aerobic environment that promotes aerobic digestion. Over the past 2 years, we have used our lone HSI Atlas Copco centrifugal blower as the only blower for the aerobic digestion process. Aside from the HSI blower, we also had three (3) Lamson centrifugal blowers, of which, only one (1) was fully functional. These Lamson blowers have been installed at the treatment plant since 1999 and have surpassed their useful life expiration. Recall the District purchased two (2) Kaeser positive displacement blowers as part of recent grant funding the District was awarded and we are well underway with the removal of the old Lamson blower to prepare for the new installation of the Kaeser blowers. Positive displacement (aka rotary lobe) blowers are more energy efficient and more reliable than centrifugal blowers. We have made significant progress on this project through the month of July. In early July, the two new Kaeser blowers arrived at our facility. District staff wasted little time starting the project as removal of all three (3) Lamson blowers were completed in mid-July by Dahme Mechanical. Shortly after the Lamson removals, Dahme then demolished the old equipment pads along with the interior intake piping to prep for the new continuous equipment pad. After the area was cleared, Manusos then mobilized in late July to pour the new equipment pad for the Kaeser blowers. We are currently waiting for final quotes to trail in for the respective trades including steel fabrication, pipefitting, electrical, roofing, integration, etc. Continued work is expected to be performed over the next 2-4 months. More information will be provided on next month's Operations Report.



Demolition progress of three (3) Lamson blowers and associated equipment pads.



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Construction progress of new continuous equipment pad for Kaeser

Miscellaneous Projects/Updates:

There were a few miscellaneous projects that were performed in July including electrical work, pavement repairs, along with a few equipment repairs/maintenance efforts. Associated electric continued to assist our crew in getting various pieces of equipment back in normal working order after some electrical issues were repaired this past month. A noteworthy item is that the RAS station is back to full functionality after HOA controls were fixed and VFD wiring and settings were corrected. Associated electric will continue their work next month as they have been issued P.O.s associated with conduit and wiring installations at the chemical building, Lakeside RDS repairs on our headworks screener, and a few other small electrical projects. In-house repairs performed through the month of July included an ignition swap out for our portable Godwin bypass pump and small repairs associated with our Boerger sludge pump. We are also happy to report that asphalt repairs were complete in late July. Lastly, the District recently purchased a 2025 Ford F150 via the Suburban Purchasing Co-op to add to our fleet inventory. This additional vehicle will be extremely useful during the summer season when we typically take on 2-3 engineering interns and will also help alleviate pinch points during emergency response situations.



Asphalt repairs for open cut excavation associated with recent forcemain repairs.



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Asphalt repairs for open cut excavation associated with recent forcemain repairs.

COVID Surveillance Data:

On the next few pages, you can find the July data for surveillance sampling and testing for SARS-COV-2, Influenza A & B, and RSV tracking. The data continues to show the concentrations of the different variant lineages that are being detected in the samples we have collected. Of note, we recently shifted to sampling one day a week instead of twice a week.



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NORTHERN MORAINE WW RECLAMATION DIST WWTP Wastewater Report, August 2025

For updates on your plant in-between these monthly reports, please visit our wastewater dashboard
<https://iwss.uillinois.edu>

LOCATION: NORTHERN MORAINE WW RECLAMATION DIST WWTP (McHenry County)

Catchment Information	
Population Served	15,947
NPDES	IL0031933
zipcode	60042
IL Covid Region	9

SARS-CoV-2 LEVELS IN WASTEWATER

Wastewater is analyzed using digital PCR (dPCR) to determine the concentration of the SARS-CoV-2 virus in a sample. The nucleocapsid protein (N) gene of the virus is targeted in the assay, and results are reported in gene copies per liter of starting wastewater.

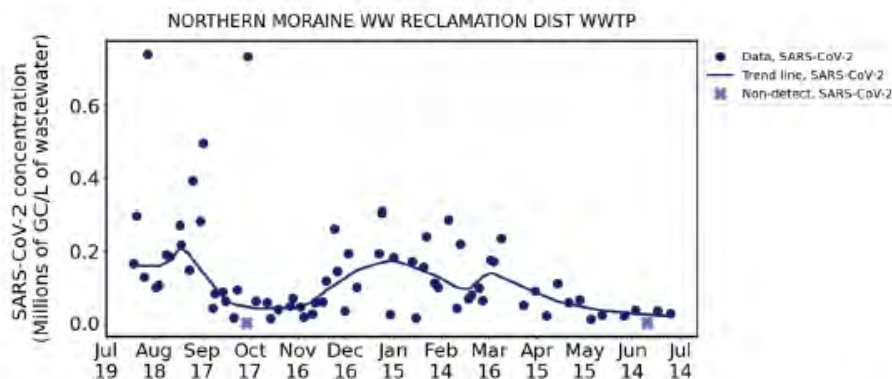


Figure 1. Time series plot of SARS-CoV-2 viral concentrations in millions of gene copies per liter (GC/L) of wastewater. Historical data can be found on the IWSS dashboard, link above.

SARS-CoV-2 SAMPLING RESULTS - LAST 8 SAMPLES

Date	SARS-CoV-2 (GC/L)		
2025-07-08	28,500	2025-06-30	35,250
		2025-06-23	Non-detect
		2025-06-16	36,825
		2025-06-09	20,775
		2025-05-26	22,050
		2025-05-19	12,525
		2025-05-12	64,350



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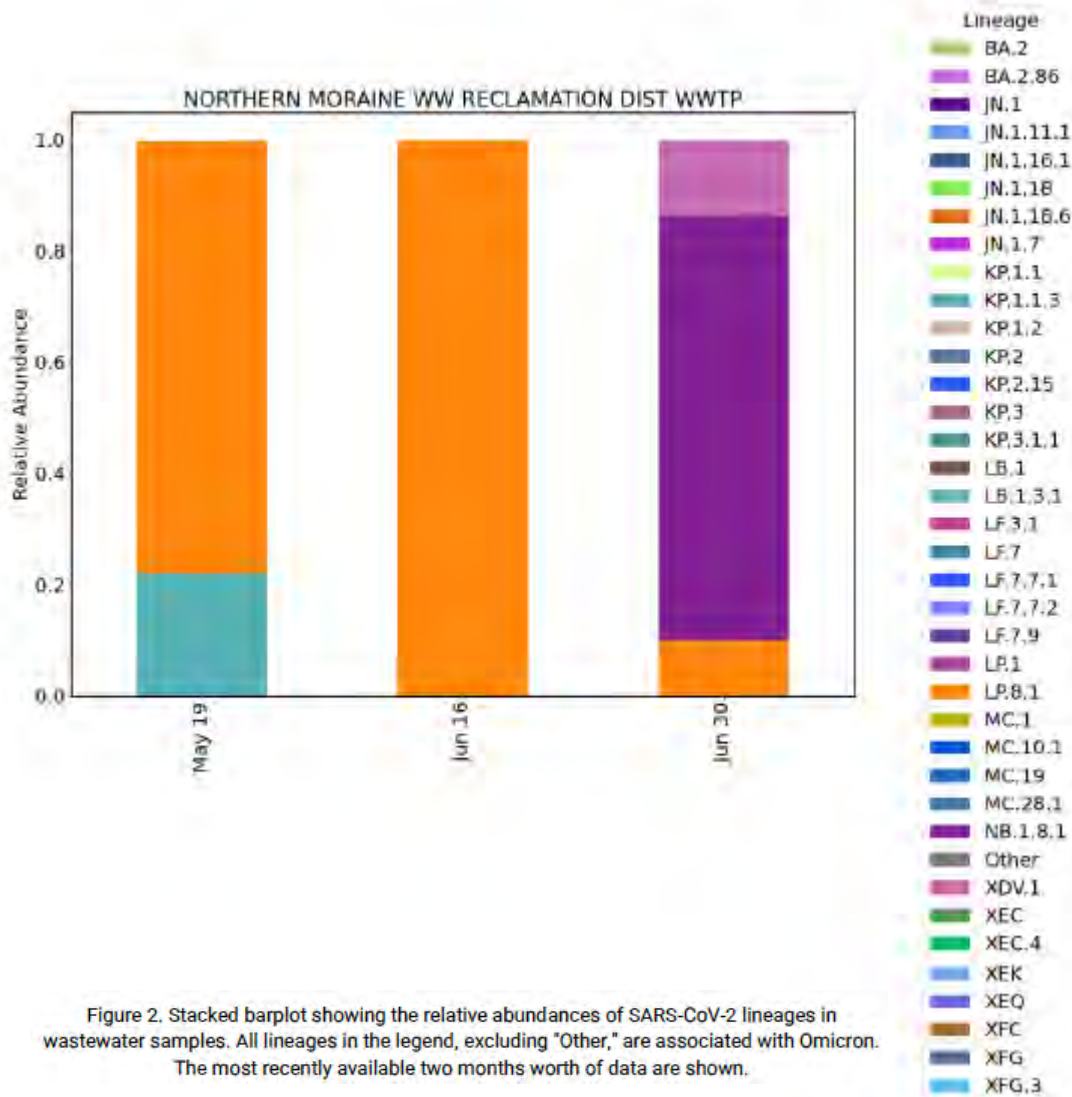


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SARS-CoV-2 LINEAGES IN WASTEWATER





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INFLUENZA A/B LEVELS IN WASTEWATER

Wastewater is analyzed using digital PCR (dPCR) to determine the concentration of influenza A and influenza B viruses in a sample. Results are reported in gene copies per liter of starting wastewater.

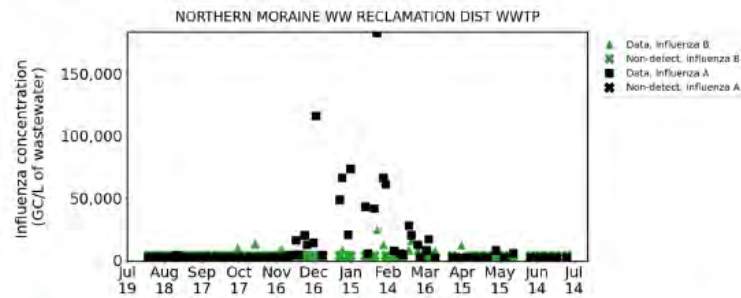


Figure 3. Time series plot of Influenza A/B viral concentrations in gene copies per liter (GC/L) of wastewater. Historical data can be found on the IWSS dashboard, link above.

INFLUENZA A/B SAMPLING RESULTS - LAST 8 SAMPLES

Date	Influenza A (GC/L)	Influenza B (GC/L)
2025-07-08	Non-detect	Non-detect
2025-06-30	Non-detect	Non-detect
2025-06-23	Non-detect	Non-detect
2025-06-16	Non-detect	Non-detect
2025-06-09	Non-detect	Non-detect
2025-05-26	5,550	Non-detect
2025-05-19	Non-detect	Non-detect
2025-05-12	8,025	Non-detect

RSV LEVELS IN WASTEWATER

Wastewater is analyzed using digital PCR (dPCR) to determine the concentration of Respiratory Syncytial Virus (RSV) in a sample. Results are reported in gene copies per liter of starting wastewater.

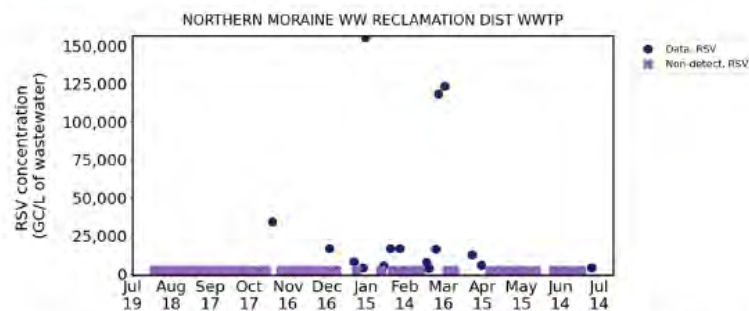


Figure 4. Time series plot of RSV viral concentrations in gene copies per liter (GC/L) of wastewater. Historical data can be found on the IWSS dashboard, link above.

RSV SAMPLING RESULTS - LAST 8 SAMPLES

Date	RSV (GC/L)
2025-07-08	4,050
2025-06-30	Non-detect
2025-06-23	Non-detect
2025-06-16	Non-detect
2025-06-09	Non-detect
2025-05-26	Non-detect
2025-05-19	Non-detect
2025-05-12	Non-detect





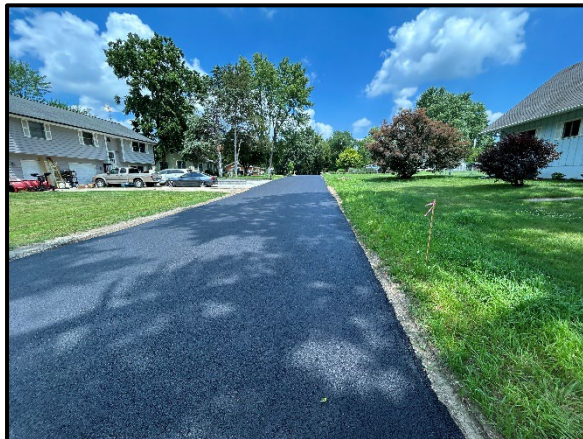
NMWRD Engineering Report

Date: August 8th, 2025

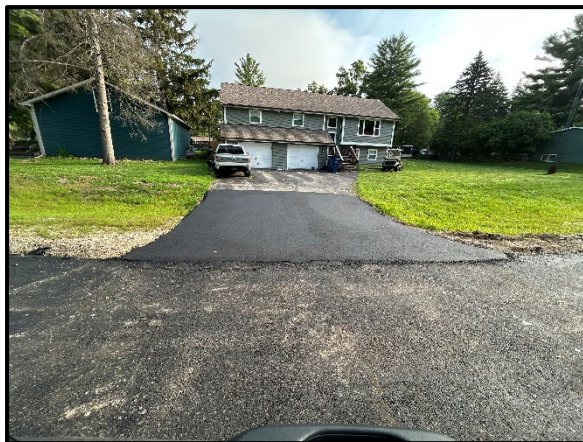
Prepared by: Jasmin Bait – Junior Engineer

Holiday Hills / Le Villa Vaupell Sanitary Sewer Extension – Phase 2 (Nunda):

[Project Update] – Progress has been made in Phase 2 throughout the month of July. A 4" binder layer has been laid throughout the Phase 2 project area. Driveway paving is in its closing stages and manholes will be lifted to the final grade in the future by Nunda Township as outlined in the agreement signed in June. To date, all sanitary sewer main, sanitary service, and manhole installation is complete. Additionally, all air testing and mandrel deflection testing has been completed, and we await final sealing and installation of manhole frames to be able to proceed with vacuum testing. The District is also putting together a preliminary punch list and will relay to Trine to complete during the restoration process. A change order is included with this month's Board Packet regarding changes to quantities during construction and restoration.



Restored pavement and thermoplastic marking



Restored driveways in Holiday Hills



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Holiday Hills Resident Connections to Sanitary Sewer:

As the District receives more inquiries for connecting to the new sewer system, Jasmin maintains contact with each resident throughout the process from the time an application is received and up to the final connection inspection. It must be ensured that each hired sewer contractor meets the District's requirements, and that each homeowner receives a septic abandonment permit from the McHenry County Health Department prior to the District issuing a Sanitary Sewer Service Permit. No new connections were made in the month of June. The District looks forward to more homes connecting in the future. As of this time, a total of eleven (11) homes are connected out of the total 108 that are eligible for connection.

Holiday Hills Resident Connections Summary

Address	Contractor	Connection Fee Payment Method	Date of Payment/Financing	Final Connection Inspection Date
1521 Sunset Dr	Keith Bradley Inc.	Paid in Full	11/20/2023	12/19/2023
1526 Sunset Dr	Keith Bradley Inc.	Paid in Full	11/13/2023	1/4/2024
1522 Sunset Dr	Keith Bradley Inc.	Financing*	1/1/2024	1/11/2024
2701 Holiday Dr	McHenry Excavating	Financing	1/1/2024	1/26/2024
3001 Holiday Dr	Bartnick Construction	Financing	2/1/2024	9/10/2024
2909 Holiday Dr	TBD	Financing	TBD	TBD
1404 Holiday Dr	Biagi Plumbing	Financing	3/1/2024	3/6/2024
1509 Elm St	Reiche Plumbing	Paid in Full	3/7/2024	9/12/2024
1204 Sunset Dr	Reiche Plumbing	Financing*	5/1/2024	7/10/2024
2401 Vaupell Dr	Reiche Plumbing	Financing	5/1/2024	8/16/2024
1206 Sunset Dr	McHenry Excavating	Paid in Full	10/3/2024	4/11/2025
1512 Hickory St	Reiche Plumbing	Paid in Full	10/8/2024	11/22/2024
2605 Holiday Dr	Reiche Plumbing	Paid in Full	6/27/2025	TBD
1508 Catalpa Dr	Reiche Plumbing	Paid in Full	8/1/2025	TBD

* Financing contract balance has been satisfied in full

Phosphorus Discharge Optimization Plan:

[Project Update] – Following the submission of the PDOP Action Item memos to the IEPA, the District has paused the weekly regimen of phosphorus testing related to the Phosphorus Discharge Optimization Plan (PDOP). This will continue until we receive the renewed NPDES Permit, which will dictate the next steps, if any, to meet the 0.5 mg/L Total P limit that will be mandated by 2030. Our overall goal remains to average below the 0.5 mg/L Total P limit for a two-week period in the seasons of extreme temperature (summer and winter) using our existing treatment process.

Woodman's Lift Station and Sanitary Sewer Additions (Lakemoor):

[Project Update] – This project is in the three (3) year maintenance period which was set to close on February 11, 2023. The District continues to work with Filippini Law Firm to wrap up the LOC documents that coincide with the closure of the maintenance period. The District notified Lakemoor in mid-October that we concluded our review of the documents that Lakemoor provided a few months





back to close out the Woodman's project. A copy of the payment schedule for the loan to date of \$1,291,896.00 has been provided to Lakemoor. The Village made its first payment in 2023 in the amount of \$24,563.76. Their second payment was received on April 19 in the amount of \$152,602.65. The District reviewed the easement documents from Lakemoor for the Woodman's property that were received on March 3rd and June 8th. There are still recorded easements missing that we are waiting to receive.

Beech Street Senior Lofts (Island Lake):

[Project Update] – The District received preliminary plans in January 2023 for a proposed development of Senior Living on Beech Street in Island Lake. The District is familiar with the previous establishment at the site, formerly known as Sheltering Oaks, which closed roughly 10 years ago. All sanitary sewer related construction was completed in mid-August of 2023. The lone item the District is waiting for is construction record drawings.

NOBO Provisioning Center (Lakemoor):

[Project Update] – The District received preliminary plans in July 2023 for a proposed development of a NOBO Provisioning Center in Lakemoor. An escrow account for this project has been funded in the amount of \$2,500.00 and remains current. Sanitary sewer related construction took place in October 2023 and the District completed the final inspection on November 22, 2024. The District is in receipt of the final as-builts that are currently under review by Lake County. Upon approval from the county, the District will refund the remaining escrow balance for this development and closeout this project.

Kelley's Market (Island Lake):

[Project Update] – The District received preliminary plans in October 2023 for a proposed development of Kelley's Market in Island Lake located NW of the intersection at IL-176 and River Rd. An escrow account for this project has been funded in the amount of \$2,500.00 and remains current. Progress is picked back up recently and the developer, Arc Design, sent over updated plans for review. TAI has submitted their final plan review, and the developer is currently in the process of obtaining IEPA permits. A pre-construction meeting was held on-site with the District, the developer, and the general contractor (Stenstrom Excavation) to discuss the necessary precautions for our sanitary infrastructure. Their IEPA permit has been issued, and exploratory work has been conducted to locate infrastructure, including two of the District's force mains. Stenstrom, has also made plans for directional boring under S River Rd to connect to a sanitary sewer manhole. This process has been delayed due to a casing size increase and poor weather, but is expected to occur within the next few weeks.

Woodman's Car Wash Development (Lakemoor):

[Project Update] – The District received preliminary plans in May 2025 for a proposed development of a second Woodman's Car Wash in Lakemoor located adjacent to the newest unattended gas station. An escrow account for this project has been funded in the amount of \$2,500.00 and remains current. The developer, FoxArneson, continues to revise the plans as they receive feedback from TAI.



Cellular Sales (Lakemoor):

[Project Update] – The District received preliminary plans in July 2025 for a proposed development of a Cellular Sales store located in Lakemoor. An escrow account for this project has been funded in the amount of \$2,500.00 and remains current. The developer, raSmith, continues to revise the plans as they receive feedback from TAI.

Admin Building Renovations:

[Project Update] – The first strides of renovations to the Admin Building took place in August 2023 when the roof was replaced and in November 2023 when the soffit and fascia were replaced. In May, the District completed the replacement of the main entrance ramp in-house. In early June 2024, the District contracted with a sole proprietor, Brian Davis, to complete the installation of siding on the Admin Building. Throughout Brian's time working on the Admin Building, he has completed siding, renovation of the Board Room and Conference Room. The Conference Room is mainly completed now with new windows, wainscoting, and light fixtures. Throughout July, Brian and our operations crew have completed HVAC, insulation, drywall, and reception desk work. Electrical work and framing are in the final stages, the walls have been primed, and flooring is starting to be placed. Future work for the project includes the kitchen, lighting, outlets and phone lines.

Septage Receiving Station:

[Project Update] – The receiving station has progressed in the month of July. The septage station's screener has been delivered and installed. A proposed pipe run, which will tie into a District manhole has been built out and awaits approval. The project is estimated to be a month or two from completion. Future work for the progress includes software work, rubber boot work, heat tracing, aluminium jacket, and testing with non-potable water prior to allowing hauled waste loads. Further details can be found in the Operations Report.





Engineering Intern Updates:

[Ana Tsikhanovich]

Ana has continued to build on her experience as an Engineering Intern throughout the month of July. She has been actively engaged in research for the Phosphorus Discharge Optimization Plan (PDOP), focusing on strategies to minimize phosphorus levels in the effluent. Her responsibilities also included performing lab work, televising sewer pipelines, and overseeing construction of the Holiday Hills/ Le Villa Vaupell Sewer Extension Phase 2 Project. Ana supported project cost estimation by calculating the area of driveway paving. Additionally, she created a project poster for the upcoming Lakemoor Fest.

[Oliver Melcher]

During July, Oliver was still involved with updating the Districts ArcGIS map. Oliver has been tasked with keeping the District's televising and jetting progress up to date on the ArcGIS map. Oliver, along with another intern Ana, have been heavily involved with the District's televising efforts. Oliver and Ana are frequently out televising, and Oliver has also been tasked with final televising review. Oliver was also heavily involved with HH/LVV Phase 2 restorations. Oliver made trips out to holiday hills to observe and document paving efforts. Oliver has also still been involved in the Kelley's Market development, where Oliver has been keeping in touch with contractors regarding the delays with the project. Oliver has also been helping the admin staff with miscellaneous tasks, such as helping to prepare for Lakemoor fest. Oliver will continue to monitor the Kelley's Market development and HH/LVV Phase 2, and will continue to be involved with the districts televising and jetting efforts.

[Soukaina Benaich]

Over the past month, Soukaina has continued supporting the nutrient trading project with NMWRD and Stratifyx, contributing to efforts aimed at reducing phosphorus loads and improving water quality. Her responsibilities have included running and refining PLET models, analyzing key input parameters, and assisting with the preparation of technical documentation used in planning and reporting. She has also taken the lead on lab work, independently conducting sample preparation, and testing to support ongoing monitoring efforts. In the field, she shadowed Anna during sewer televising operations, gaining valuable insight into inspection techniques and infrastructure assessment. These experiences have strengthened her skills in environmental modeling, lab analysis, and field operations, while deepening my understanding of integrated water resource management.





NORTHERN MORaine W R D

DELINQUENT ACCOUNTS RECAP FOR July 2025

Revised: 8/1/25 by Elisa Fisher, District Clerk

Island Lake
Active Accounts

180 Active Delinquent Accounts

3,418

Notice of Delinquency – **133** customers

Final Notices of Delinquency – **19** customers - Payment plans- **1**

Water Shut off Notices – **15** customers – Pending water shut off- **0** - Payment plans- **0**

Sewer Disconnection – **1** customer

Water off – **11** customers

Lakemoor
Active Accounts

88 Active Delinquent Accounts

1,668

Notice of Delinquency – **59** customers

Final Notices of Delinquency – **22** customers – Payment plans- **1**

Water Shut off Notices – **1** customer – Payment plans- **0** Broken payment plan-- **0**

Water off – **0** customer Pending water shut off-- **0**

Sewer Disconnection – **4** customers -- Payment plans- **1**

Port Barrington
Active Accounts

33 Active Delinquent Accounts

556

Notice of Delinquency – **24** customers

Final Notices of Delinquency – **5** customers Payment plans- **1**

Sewer Disconnection – **2** customers -- Payment plans- **1**

Total Delinquent Accounts: 301
Total Active Accounts: 5,642

Delinquent Accounts total (active and inactive customers): \$75,612.50 (Balance includes inactive accts, final accts and accounts with water shut off)

July 2024's report: \$53,784.95

July 2023's report: \$43,123.03

MONTHLY ACTIVITY

4855	Monthly Bills mailed 7/1/25 (for July service)	216	Notices of Delinquency mailed
771	Bills <u>not</u> mailed – customers want it emailed or SMS	46	Final Notices of Delinquency mailed
31	Real Estate closings in July 2025	16	Water Shut Off Notices mailed
14	Liens filed in July 2025	7	Sewer Disconnection Notices mailed
23	Liens released in July 2025	11	Water Shut off – Island Lake/ Lakemoor



113 Timber Trail, PO Box
240, Island Lake, IL 60042



Phone: 847-526-3300
Fax: 847-526-3349



Email: info@nmwrd.org
Web: www.nmwrd.org



NORTHERN MORaine W R D

AGENDA ITEM # 10A

<u>Meeting Date:</u>	August 11, 2025
<u>Item:</u>	Change Order #2 – Holiday Hills /Le Villa Vaupell Sewer Extension Project – Phase 2
<u>Staff Recommendation:</u>	Motion to approve Change Order #2 in the amount of \$27,910.13 to Trine Construction for the Holiday Hills / Le Villa Vaupell Sewer Extension Project – Phase 2.
<u>Staff Contact:</u>	Mohammed M. Haque, District Manager

Background:

There have been additional changes during construction and restoration that require a change order of the Holiday Hills/Le Villa Vaupell Phase 2 project. The items are as follows:

CMR #2	Substitutes the patchwork in the original plans with the removal and replacement of material of the entire cross section of the impacted roadways. The intergovernmental agreement with the Village of Holiday Hills and Nunda Township specifies the entities will place the final 2" of surface course at a later time.
CMR #3	Adjustments of quantities for pay items during construction and restoration. Affected pay items include pavement and driveway restoration per the intergovernmental agreement, as well as pipe materials, landscaping, and traffic control and protection. These adjustments are due to alignment shifts, permit delays, and required field modifications.

The above changes result in a net change order of \$27,910.13. The revised contract is as outlined below:

Original Contract Price	\$4,060,303.28
Change Order #1	\$977,582.56

Current Contract Price	\$5,037,885.84
Change Order #2	\$27,910.13

Revised Contract Price	\$5,065,795.97

The project is nearing completion. We await final manhole adjustments and vacuum testing. The District will also issue a punchlist with final items for Trine to complete. Any landscaping items not completed with this change order will be credited back.

Recommendation:

It is the recommendation of the District Manager to Approve Change Order #2 for the Holiday Hills / Le Villa Vaupell Sewer Extension Project – Phase 2 in the amount of \$27,910.13.

Votes Required to Pass:

Simple Majority, via a roll call vote



CHANGE ORDER NO. 2

Date: August 6, 2025

Date of Agreement: April 18, 2024

Project: Northern Moraine WRD
Holiday Hills / Le Villa Vaupell Sewer Phase II

Job Number: NMW104

Owner: Northern Moraine Wastewater Reclamation District
113 Timber Trail
Island Lake, IL 60042

Contractor: Trine Construction Corporation
1041 Trine Court
St. Charles, IL 60174

The following changes are hereby made to the CONTRACT DOCUMENTS: Work associated with Contract Modification Requests (CMR's) #2 and 3.

Justification: See attached Contract Modification Requests (CMR's).

Original Contract Price	\$4,060,303.28
Amount of Previous Change Order(s)	\$977,582.56
Current Contract Price adjusted by Previous Change Order(s)	\$5,037,885.84
Change in Contract Price Due to this Change Order	\$27,910.13
Contract Price Including this Change Order	\$5,065,795.97

Original Completion Date	November 1, 2024
Previous Changes to Contract Time	0 Calendar Days
Current Completion Date Adjusted by Previous Change Order(s)	November 1, 2024
Change to Contract Time Due to this Change Order	212 Calendar Days
Completion Date Including this Change Order	June 1, 2025

Approvals:

TRINE CONSTRUCTION CORP.

TROTTER AND ASSOCIATES, INC.

NORTHERN MORaine
WASTEWATER RECLAMATION
DISTRICT

Mike Mashal
Vice President Operations

Dan Gillespie
Construction Eng Manager

Mohammed Haque, PE
District Manager

8/6/2025

Trotter and Associates, Inc.
NMW104

Cc: Northern Moraine Wastewater Reclamation District
File (NMW104-7.21)



ADJUSTED COSTS FOR PAVING

Date: June 4, 2025

Mohammed Haque
District Manager
Northern Moraine WRD

Contract #: 202407
AUP #: 2

Project Name: HOLIDAY HILLS – LE VILLA VAUPELL SANITARY – PHASE 2
Location: HOLIDAY HILLS, IL

Summary of Proposed Changes:

The current contract paving value has been identified below.

HOLIDAY HILLS CONTRACT COST					
ITEM	DESCRIPTION	QTY.	UN	UNIT PRICE	SUBTOTAL
1	CLASS D PATCH, 6"	7,517.00	SY	\$67.46	\$507,096.82
6	HMA SURFACE REMOVAL, 2"	1,285.00	SY	\$10.60	\$13,621.00
7	HMA PAVEMENT SURFACE COURSE, 2", N50	1,285.00	SY	\$29.56	\$37,984.60
CURRENT CONTRACT					\$558,702.42

The following proposal provides for the removal and replacement of material throughout the entire cross section of all impacted roads (instead of patching). This plan provides the restoration of the roads with 4-inches of binder and provides wedges around all structures within the paving limits. This plan would also provide butt joints/ramps at all driveway locations for the future surface work.

HOLIDAY HILLS BINDER ONLY: REMOVAL AND REPLACEMENT					
ITEM	DESCRIPTION	QTY.	UN	UNIT PRICE	SUBTOTAL
	HMA SURFACE REMOVAL, 6"	14,955.00	SY	8.49	\$126,967.95
	FINAL AGGREGATE BASE PREPARATION	14,955.00	SY	2.31	\$34,546.05
	HOT MIX ASPHALT BASE COURSE, IL-19.0, N50, 4"	14,955.00	SY	26.56	\$397,204.80
TOTAL AUP COST					\$558,718.80
CURRENT CONTRACT					\$558,702.42

The proposal requires the District to enter into agreements with the Village of Holiday Hills and Nunda Township to take responsibility of the final 2-inches of HMA Surface that is to be placed in the next fiscal year for each of these agencies.



Signatures:

Date: *June 16th 2025*

Title: *PRESIDENT*

Mike Rendina, President
Trine Construction Corp

Date: June 16, 2025

Title: District Manager

A handwritten signature in blue ink, appearing to read "Mohammed Haque".

Mohammed Haque, District Manager
Northern Moraine Water Reclamation District



40W201 Wasco Road, Suite D – St. Charles, Illinois, 60175
Phone: 630/587-0470 – Fax: 630/587-0475

Contract Modification Request No. 003 **Date:** August 5, 2025


To: Anthony Bucaro
Project Manager **From:** Dan Gillespie
Construction Engineering Manager

Project: Northern Moraine WRD – Holiday Hills / Le Villa Vaupell Sewer Phase II
NMW104

Owner: Northern Moraine Wastewater Reclamation District
113 Timber Trail
Island Lake, IL 60042 **Contractor:** Trine Construction Corporation
1041 Trine Court
St. Charles, IL 60174

It has been requested that a Contract Modification be initiated to the above referenced contract. The following information is provided as backup data:

1. **Scope of Work (Provide Attachments if Needed):** Quantity adjustment for various pay items.
2. **Reason for Modification:** Additional quantities were required for various reasons such as alignment shifts, permit delays and required field modifications.
3. **Approximate Cost Change to Contract Price:** **\$27,910.13**
4. **Additional Contract Time to Complete Modification:** **0 days**
5. **Attachments:**
CMR003 Quantity Breakdown
Trine Change Order #2 Letter, dated 8/5/2025

Prepared by: 
Dan Gillespie
Construction Engineering Manager

Approved by: _____
Mohammed Haque, PE
District Manager

Date: _____

Date: _____

Cc: Northern Moraine Wastewater Reclamation District
File (NMW104-7.21)

NMWRD - Holiday Hills/ Le Villa Vaupell Sewer Extension - Phase 2

	Item Description	CMR003 Breakdown			
		Unit	Contract Unit Price	CMR Ajusted Quantities	CMR Cost
1	CLASS D PATCH, 6"	SY	\$ 67.46	0	0
2	CONNECTION TO EXISTING SEWER, 10"	EA	\$ 12,100.00	0	\$ -
3	DEWATERING	LS	\$ 834,252.98	0	\$ -
4	GRAVEL DRIVEWAY REMOVAL AND REPLACEMENT	SY	\$ 15.42	0.0	\$ -
5	HMA DRIVEWAY REMOVAL AND REPLACEMENT	SY	\$ 53.97	8.0	\$ 431.76
6	HMA SURFACE REMOVAL, 2"	SY	\$ 10.60	0	\$ -
7	HMA PAVEMENT SURFACE COURSE, 2", N50	SY	\$ 29.56	0	\$ -
8	INLET PROTECTION	EA	\$ 333.03	0	\$ -
9	MOBILIZATION	LS	\$ 243,022.15	0	\$ -
10	PCC DRIVEWAY REMOVAL AND REPLACEMENT	SY	\$ 257.00	-18	\$ (4,626.00)
11	POROUS GRANULAR EMBANKMENT	CY	\$ 32.13	0	\$ -
12	PROPOSED TREE, 3" CALIPER	EA	\$ 832.25	-10	\$ (8,322.50)
13	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	CY	\$ 25.70	0	\$ -
14	REMOVE AND REPLACE 12" CMP FES	EA	\$ 355.87	0	\$ -
15	REMOVE AND REPLACE 15" CMP FES	EA	\$ 383.82	0	\$ -
16	REMOVE AND REPLACE 18" CMP FES	EA	\$ 417.55	0	\$ -
17	REMOVE AND REPLACE 12" CMP CULVERT	LF	\$ 101.72	0	\$ -
18	REMOVE AND REPLACE 15" CMP CULVERT	LF	\$ 106.95	0	\$ -
19	REMOVE AND REPLACE 18" CMP CULVERT	LF	\$ 124.51	0	\$ -
20	REMOVE AND REPLACE CATCH BASIN	EA	\$ 4,856.13	0	\$ -
21	REMOVE AND REPLACE LANDSCAPE (1111 NE SHORE DR)	LS	\$ 1,092.25	-1	\$ (1,092.25)
22	REMOVE AND REPLACE LANDSCAPE (1307 NE SHORE DR)	LS	\$ 1,092.25	0	\$ -
23	REMOVE AND REPLACE LANDSCAPE (1511 PINE ST)	LS	\$ 1,092.25	0	\$ -
24	REMOVE AND REPLACE LANDSCAPE (2509 BIRCHWOOD AVE)	LS	\$ 1,092.25	0	\$ -
25	REMOVE AND REPLACE LANDSCAPE (2609 NE SHORE DR)	LS	\$ 1,092.25	-1	\$ (1,092.25)
26	REMOVE AND REPLACE SPLIT RAIL FENCE	LF	\$ 1.29	-548	\$ (706.92)
27	SANITARY DROP MANHOLE, 4' DIAMETER	EA	\$ 15,900.40		\$ -
28	SANITARY MANHOLE, 4' DIAMETER	EA	\$ 8,381.18	0	\$ -
29	SANITARY SERVICE, 6" PVC SDR-26	LF	\$ 127.02	130	\$ 16,512.60
30	SANITARY SEWER TV INSPECTION	LF	\$ 6.43	0	\$ -
31	SANITARY SEWER, 10" PVC C900	LF	\$ 256.35	0	\$ -
32	SANITARY SEWER, 10" PVC SDR 26	LF	\$ 235.89	0	\$ -
33	SANITARY SEWER, 8" PVC C900	LF	\$ 377.73	0	\$ -
34	SANITARY SEWER, 8" PVC SDR-26	LF	\$ 192.31	0	\$ -
35	SILT FENCE	LF	\$ 6.75	0	\$ -
36	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	LF	\$ 57.83	0	\$ -
37	TOPSOIL, SEEDING CLASS 1, EROSION CONTROL & BLANKET, 4"	SY	\$ 12.85	507.2374	\$ 6,518.00
38	TOPSOIL, SEEDING CLASS 1, EROSION CONTROL & BLANKET, 6"	SY	\$ 15.42	669.365	\$ 10,321.60
39	TRAFFIC CONTROL & PROTECTION	LS	\$ 83,559.50	0.23	\$ 19,218.69
40	TREE PROTECTION	EA	\$ 192.75	0	\$ -
41	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	\$ 57.83	-30	\$ (1,734.90)
42	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	\$ 83.53	-90	\$ (7,517.70)
43	TRENCH BACKFILL	CY	\$ 0.01	0	\$ -
44	AGGREGATE SHOULDER, TYPE B, 4"	SY	\$ 40.00	0	\$ -
45	CLEARING AND GRUBBING	SY	\$ 15.00	0	\$ -
46	CONNECTION TO EXISTING SEWER, 8"	EA	\$ 6,500.00	0	\$ -
47	CULVERT REMOVAL AND REPLACEMENT, 10" CMP	LF	\$ 93.25	0	\$ -
48	CULVERT REMOVAL AND REPLACEMENT, 12" RCP	LF	\$ 200.00	0	\$ -
49	GRINDER PUMP UNIT	EA	\$ 5,000.00	0	\$ -
50	HMA PATCHING, CLASS D, 6"	SY	\$ 67.46	0	\$ -
51	LANDSCAPE BARRIER ROCKS REMOVE AND RESET	EA	\$ 200.00	0	\$ -
52	LANDSCAPE REMOVE AND RESET	LSUM	\$ 2,500.00	0	\$ -
53	PCC CURB & GUTTER REMOVAL AND REPLACEMENT	LF	\$ 150.00	0	\$ -
54	REMOVE AND REPLACE CHAIN LINK FENCE	LF	\$ 75.00	0	\$ -
55	SANITARY SERVICE, 1 1/4" HDPE SDR-11	LF	\$ 50.00	0	\$ -
56	TREE, 3" CALIPER, BALLED AND BURLAPPED	EA	\$ 822.00	0	\$ -
				Current Unit Price Cost	\$ 27,910.13



1041 Trine Court
St. Charles, IL 60174
www.trineconstruction.com

P: 630.668.4626

F: 630.668.4828

August 5, 2025

Mohammed Haque
District Manager
Northern Moraine WRD
113 Timber Trail PO Box 240
Island Lake, IL 60042
847-526-3300 x101
haque@nmwrld.org

RE: Holiday Hills Phase 2 – Change Order #2

Mohammed,

The following descriptions are provided to explain contract overages and changes associated with Change Order 2 for the above captioned project in order of contract item number:

- Item 1 Class D Patch, 6" Construction method was amended per an agreement between NMWRD the Village of Holiday Hills and Nunda Township to change the proposed pavement structure from a class to patch to a complete removal and replacement with 4" of binder and surface to be completed at a later date by VOH and Nunda. Net change of \$0.00 to the contract value as invoiced.
- Item 5 HMA Driveway Removal and Replacement As-Built Quantity increased by 5 SY as a result of necessary field modifications.
- Item 29 Sanitary Sewer Service, 6" PVC SDR-26. As-Built quantity in the field measured an additional 130 LF to be added to CO #2 as a result of relocated main and service locations.
- Items 37 and 38 have additional measured quantity above and beyond plan quantity; however, due to concern over the quality of seed germination the warranty will be extended thru the completion of the proposed work added to the contract under CO #1 (Summer of 2026)
- Item 39 Traffic Control and Protection. Additional .23 of Lump Sum has been added to CO #2 to compensate for delay time from the notice to proceed to receipt of permit by NMWRD to allow permit work to commence. This figure was obtained by using a proration of the contract duration multiplied by the duration of the contract delay.

Please feel free to reach out with any questions or concerns.

Respectfully Submitted,
Trine Construction Corp.

Michael M Rendina,
President

A handwritten signature in black ink, appearing to read "Michael M Rendina", is written over a large, faint, oval-shaped watermark or background graphic.



NORTHERN MORAINE W R D

AGENDA ITEM # 10B

<u>Meeting Date:</u>	August 11, 2025
<u>Item:</u>	Payment Request #11 – Holiday Hills /Le Villa Vaupell Sewer Extension Project – Phase 2
<u>Staff Recommendation:</u>	Motion to approve Pay Request #10 in the amount of \$228,576.20 to Trine Construction for the Holiday Hills / Le Villa Vaupell Sewer Extension Project – Phase 2.
<u>Staff Contact:</u>	Mohammed M. Haque, District Manager

Background:

On August 7, 2025, the Northern Moraine Wastewater Reclamation District received a payment recommendation for pay application #11 on the Holiday Hills / Le Villa Vaupell Sewer Extension Project – Phase 2 that has been reviewed and approved by Trotter & Associates. Retention in the amount of \$40,000 remains withheld from the payment requests to date. The payment request, net of past payments and retainage, is \$228,576.20.

This pay application primarily covers the remainder of pavement restoration per the agreement with Nunda Township and the Village of Holiday Hills that was signed in June. The balance of the work is some miscellaneous landscaping and driveway restorations. The project is nearing completion. Remaining work include final restoration items and manhole vacuum testing.

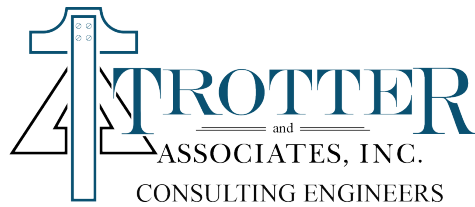
Recommendation:

It is the recommendation of the District Manager to Approve Payment Request #11 for the Holiday Hills / Le Villa Vaupell Sewer Extension Project – Phase 2 in the amount of \$228,576.20 subject to receipt of all waivers, certified payrolls and formal approval by Trotter & Associates.

Votes Required to Pass:

Simple Majority, via a roll call vote





Transmittal Sheet

To:	Mohammed Haque	From:	Dan Gillespie
	Northern Moraine Wastewater		Trotter and Associates, Inc.
	Reclamation District		
	113 Timber Trail		40W201 Wasco Road, Suite D
	Island Lake, Illinois 60042		St. Charles, Illinois 60175
			(630) 587-0470

Date: August 8, 2025 **Project:** NMW104 – Holiday Hills/Le Villa Vaupell Sewer Extension – Phase 2

Enclosed please find the following documents/information:

1	Recommendation of Payment
1	Pay Request

The above documents/information are submitted:

<input type="checkbox"/> As requested	<input type="checkbox"/> For your signature
<input checked="" type="checkbox"/> For your approval	<input type="checkbox"/> For your information and files

Comments:

Mohammed,

Please find a copy of Recommendation of Payment #11, which includes the Payment Application forms and waivers for work completed under pay app #10. There is no certified payroll for this pay period.

Please contact me if you have any questions.

Thank you,
Dan Gillespie

RECOMMENDATION OF PAYMENT NO. 11
ENGINEER'S PROJECT NO: NMW-104

NORTHERN MORAINES WASTEWATER RECLAMATION DISTRICT

CONTRACTOR: TRINE CONSTRUCTION CORP.
CONTRACT FOR: HOLIDAY HILLS/LE VILLA VAUPELL SEWER EXTENSION –
PHASE 2

APPLICATION DATE: August 6, 2025
PERIOD ENDING: August 6, 2025

APPLICATION AMOUNT: \$228,576.20

TO: Northern Moraine Wastewater Reclamation District
OWNER

Attached hereto is the CONTRACTOR'S Application for Payment for Work accomplished under the Contract through the date indicated above.

Based on the following this Application meets the requirements of the Contract Documents: The Districts onsite review of the quality and progression of the work, verification of pay item quantities with the Contractor, and approval of extra work. TAI has confirmed submittals have been received for work included on this application, Grant requirements associated with payment processing is being met, certified payroll has been provided and waivers are acceptable.

We recommend that CONTRACTOR'S Certificate stating that all previous payments to him under the Contract have been applied by him to discharge in full all of his obligations in connection with the work covered by all prior Applications for Payments be obtained.

In accordance with the Contract, the undersigned recommends payment to the CONTRACTOR of the amount due as shown below.

TROTTER & ASSOCIATES, INC.
ENGINEER

DATED: August 7, 2025

BY:

Daniel Gillespie
Construction Engineering Manager

STATEMENT OF WORK

Original Contract Price	\$4,060,303.28
Net Change Orders	\$1,005,492.69
Current Contract Price	\$5,065,795.97
Work to Date	\$4,088,213.41
Work to be Done	\$977,582.56
Amount Retained (5%)	\$40,000.00
Subtotal	\$4,048,213.41
Previous Payments	\$3,819,637.21
Amount Due This Payment	\$228,576.20

APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702

PAGE ONE OF

PAGES

TO GC: NORTHERN MORAIN WASTEWATER
RECLAMATION DISTRICT
113 TIMBER TRAIL
PO BOX 240
ISLAND LAKE, IL 60042

FROM: TRINE CONSTRUCTION CORP.
101 TRINE CT.
ST. CHARLES, IL 60174

PROJECT: HOLIDAY HILLS/LE VILLA VAUPELL
SEWER EXTENSION PHASE 2

VIA ARCHITECT: TROTTER AND ASSOCIATES
40W201 WASCO RD
ST CHARLES, IL. 60174

APPLICATION NO: 11

Distribution to:

☒ OWNER

PERIOD TO: August 6, 2025

☒ ARCHITECT

PROJECT NO: NMW-082

☒ CONTRACTOR

CONTRACT DATE: April 18, 2024

CONTRACT FOR: Water Main Replacement

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract.
Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM	\$4,060,303.28
2. Net change by Change Orders	\$1,005,492.69
3. CONTRACT SUM TO DATE (Line	\$5,065,795.97
4. SUB-TOTAL- \$	\$5,065,795.97

TOTAL COMPLETED & STORED TO DATE	\$4,088,213.41
----------------------------------	----------------

(Column G on G703)

5. RETAINAGE:

a. 0.978 % of Completed Work. \$40,000.00
(Column D + E on G703)

b. % of Stored Material. -
(Column F on G703)

Total Retainage (Lines 5a + 5b or

Total in Column I of G703) \$40,000.00

6. TOTAL EARNED LESS RETAINAG	\$4,048,213.41
---	----------------

(Line 4 Less Line 5 Total)

7. LESS PREVIOUS CERTIFICATES FOR

PAYMENT (Line 6 from prior Ce \$3,819,637.21

8. CURRENT PAYMENT DUE	\$228,576.20
----------------------------------	--------------

9. BALANCE TO FINISH, INCLUDING RETAINAGE	\$1,017,582.56
---	----------------

(Line 3 less Line 6)

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by GC	\$ 977,582.56	\$ -
Total approved this Month	\$ 27,910.13	\$ -
TOTALS	\$ 1,005,492.69	\$ -
NET CHANGES by Change Order		\$ 1,005,492.69

The undersigned Contractor certifies that to the best of the Contractor's knowledge,
information and belief the Work covered by this Application for Payment has been completed
in accordance with the Contract Documents, that all amounts have been paid by the Contractor
for Work for which previous Certificates for Payment were issued and payments received
from the Owner, and that current payment shown herein is now due.

Contractor: Trine Construction Corp.

By:

Shamus Barney, Finance Manager

Date:

8/7/25

State of Illinois

County of: DuPage

Subscribed and sworn to before me this 7th of August, 2025

Notary Public:

Michelle A. Lo Coco

My Commission expires:

August 15, 2028

Official Seal

MICHELLE A LO COCO

Notary Public, State of Illinois

Commission No. 995379

My Commission Expires August 15, 2028

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data
comprising the application, the Architect certifies to the Owner that to the best of the
Architect's knowledge, information and belief the Work has progressed as indicated, the quality
of the Work is in accordance with the Contract Documents, and the Contractor is entitled to
payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED \$

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this
Application and on the Continuation Sheet that are changed to conform to the amount certified.)
ARCHITECT:

By:

Date:

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the
Contractor named herein. Issuance, payment and acceptance of payment are without
prejudice to any rights of the Owner or Contractor under this Contract.

CONTINUATION SHEET

AIA DOCUMENT G703

PAGE 2 OF 2 PAGES

APPLICATION DATE: August 6, 2025
PERIOD TO: 7/31/25
PROJECT NO: NMW-082

A	B	C	D	E	F	G	H	I	J
ITEM NO.	DESCRIPTION OF WORK	QUANTITY	UNIT	BID	COMPLETE PREVIOUS ESTIMATE	COMPLETED THIS ESTIMATE	COMPLETED TO DATE		
				UNIT PRICE	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
1	CLASS D PATCH, 6"	7,517.00	SY	\$67.46	\$ 507,096.82	7,517.00	\$ 507,096.82		
2	CONNECTION TO EXISTING SEWER, 10"	1.00	EA	\$12,100.00	\$ 12,100.00	1.00	\$ 12,100.00		
3	DEWATERING	1.00	LS	\$834,252.98	\$ 834,252.98	1.00	\$ 834,252.98		
4	REPLACEMENT	273.00	SY	\$15.42	\$ 4,209.66	178.00	\$ 2,744.76		
5	HMA DRIVEWAY REMOVAL AND REPLACEMENT	1,887.00	SY	\$53.97	\$ 101,841.39	0.00	\$ -	1,223.00	\$ 66,005.31
6	HMA SURFACE REMOVAL, 2"	1,285.00	SY	\$10.60	\$ 13,621.00	1,285.00	\$ 13,621.00		
7	HMA PAVEMENT SURFACE COURSE, 2", N50	1,285.00	SY	\$29.56	\$ 37,984.60	1,285.00	\$ 37,984.60		
8	INLET PROTECTION	5.00	EA	\$333.03	\$ 1,665.15	4.00	\$ 1,332.12		
9	MOBILIZATION	1.00	LS	\$243,022.15	\$ 243,022.15	1.00	\$ 243,022.15		
10	PCC DRIVEWAY REMOVAL AND REPLACEMENT	36.00	SY	\$257.00	\$ 9,252.00	0.00	\$ -		
11	POROUS GRANULAR EMBANKMENT	100.00	CY	\$32.13	\$ 3,213.00	100.00	\$ 3,213.00		
12	PROPOSED TREE, 3" CALIPER	0.00	EA	\$832.25	\$ -	0.00	\$ -		
	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	100.00	CY	\$25.70	\$ 2,570.00	100.00	\$ 2,570.00		
13	REMOVE AND REPLACE 12" CMP FES	3.00	EA	\$355.87	\$ 1,067.61	1.00	\$ 355.87		
14	REMOVE AND REPLACE 15" CMP FES	2.00	EA	\$383.82	\$ 767.64	2.00	\$ 767.64		
15	REMOVE AND REPLACE 18" CMP FES	1.00	EA	\$417.55	\$ 417.55	1.00	\$ 417.55		
16	REMOVE AND REPLACE 12" CMP CULVERT	354.00	LF	\$101.72	\$ 36,008.88	163.00	\$ 16,580.36		
17	REMOVE AND REPLACE 15" CMP CULVERT	26.00	LF	\$106.95	\$ 2,780.70	26.00	\$ 2,780.70		
18	REMOVE AND REPLACE 18" CMP CULVERT	72.00	LF	\$124.51	\$ 8,964.72	72.00	\$ 8,964.72		
19	REMOVE AND REPLACE CATCH BASIN	1.00	EA	\$4,856.13	\$ 4,856.13	1.00	\$ 4,856.13		
20	REMOVE AND REPLACE LANDSCAPE (1111 NE SHORE DR)	0.00	LS	\$1,092.25	\$ -	0.00	\$ -		
21	REMOVE AND REPLACE LANDSCAPE (1307 NE SHORE DR)	1.00	LS	\$1,092.25	\$ 1,092.25	1.00	\$ 1,092.25		
22	REMOVE AND REPLACE LANDSCAPE (1511 PINE ST)	1.00	LS	\$1,092.25	\$ 1,092.25	1.00	\$ 1,092.25		
23	REMOVE AND REPLACE LANDSCAPE (2509 BIRCHWOOD AVE)	1.00	LS	\$1,092.25	\$ 1,092.25	1.00	\$ 1,092.25		
24	REMOVE AND REPLACE LANDSCAPE (2609 NE SHORE DR)	0.00	LS	\$1,092.25	\$ -	0.00	\$ -		
25	REMOVE AND REPLACE SPLIT RAIL FENCE	41.00	LF	\$1.29	\$ 52.89	0.00	\$ -		
26	SANITARY DROP MANHOLE, 4' DIAMETER	4.00	EA	\$15,900.40	\$ 63,601.60	4.00	\$ 63,601.60		
27	SANITARY MANHOLE, 4' DIAMETER	30.00	EA	\$8,381.18	\$ 251,435.40	21.00	\$ 176,004.78		
28	SANITARY SERVICE, 6" PVC SDR-26	4,524.00	LF	\$127.02	\$ 574,638.48	3,513.00	\$ 446,221.26	130.00	\$ 16,512.60
29	SANITARY SEWER TV INSPECTION	8,397.00	LF	\$6.43	\$ 53,992.71	6,230.00	\$ 40,058.90		
30	SANITARY SEWER, 10" PVC C900	821.00	LF	\$256.35	\$ 210,463.35	821.00	\$ 210,463.35		
31	SANITARY SEWER, 10" PVC SDR 26	1,654.00	LF	\$235.89	\$ 390,162.06	1,654.00	\$ 390,162.06		
32	SANITARY SEWER, 8" PVC C900	5.00	LF	\$377.73	\$ 1,888.65	5.00	\$ 1,888.65		
33	SANITARY SEWER, 8" PVC SDR-26	5,917.00	LF	\$192.31	\$ 1,137,898.27	3,750.00	\$ 721,162.50		
34	SILT FENCE	9,415.00	LF	\$6.75	\$ 63,551.25	6,533.00	\$ 44,097.75		
35	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	69.00	LF	\$57.83	\$ 3,990.27	69.00	\$ 3,990.27		
36	TOPSOIL, SEEDING CLASS 1, EROSION CONTROL & BLANKET, 4"	7,654.24	SY	\$12.85	\$ 98,356.95	3,123.00	\$ 40,130.55	507.2374	\$ 6,518.00
37	TOPSOIL, SEEDING CLASS 1, EROSION CONTROL & BLANKET, 6"	3,884.37	SY	\$15.42	\$ 59,896.91	3,215.00	\$ 49,575.30	669.3645	\$ 10,321.60
38	TRAFFIC CONTROL & PROTECTION	1.23	LS	\$83,559.50	\$ 102,778.19	1.00	\$ 83,559.50	0.23	\$ 19,218.69
39	TREE PROTECTION	40.00	EA	\$192.75	\$ 7,710.00	14.00	\$ 2,698.50		
40	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	175.00	UNIT	\$57.83	\$ 10,120.25	0.00	\$ -		
41	TREE REMOVAL (OVER 15 UNITS DIAMETER)	208.00	UNIT	\$83.53	\$ 17,374.24	0.00	\$ -		
42	TRENCH BACKFILL	10,971.00	CY	\$0.01	\$ 109.71	8,509.00	\$ 85.09		
43	AGGREGATE SHOULDER, TYPE B, 4"	58.00	SY	\$40.00	\$ 2,320.00		\$ -		
44	CLEARING AND GRUBBING	658.00	SY	\$15.00	\$ 9,870.00		\$ -		
45	CONNECTION TO EXISTING SEWER, 8"	4.00	EA	\$6,500.00	\$ 26,000.00		\$ -		
46	CULVERT REMOVAL AND REPLACEMENT, 10" CMP	41.00	LF	\$93.25	\$ 3,823.25		\$ -		
47	CULVERT REMOVAL AND REPLACEMENT, 12" CMP	36.00	LF	\$200.00	\$ 7,200.00		\$ -		
48	GRINDER PUMP UNIT	2.00	EA	\$5,000.00	\$ 10,000.00		\$ -		
49	HMA PATCHING, CLASS D, 6"	1,167.00	SY	\$67.46	\$ 78,725.82		\$ -		

CONTINUATION SHEET

AIA DOCUMENT G703

PAGE 2 OF 2 PAGES

APPLICATION DATE: August 6, 2025
 PERIOD TO: 7/31/25
 PROJECT NO: NMW-082

A	B	C	D	E	F	G	H	I	J
ITEM NO.	DESCRIPTION OF WORK	QUANTITY	UNIT	BID	COMPLETE PREVIOUS ESTIMATE	COMPLETED THIS ESTIMATE	COMPLETED TO DATE		
				UNIT PRICE	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
51	LANDSCAPE BARRIER ROCKS REMOVE AND RESET	1.00	EA	\$200.00	\$ 200.00		\$ -		\$ -
52	LANDSCAPE REMOVE AND RESET	3.00	LSUM	\$2,500.00	\$ 7,500.00		\$ -		\$ -
53	PCC CURB & GUTTER REMOVAL AND REPLACEMENT	8.00	LF	\$150.00	\$ 1,200.00		\$ -		\$ -
54	REMOVE AND REPLACE CHAIN LINK FENCE	17.00	LF	\$75.00	\$ 1,275.00		\$ -		\$ -
55	SANITARY SERVICE, 1 1/4" HDPE SDR-11	222.00	LF	\$50.00	\$ 11,100.00		\$ -		\$ -
56	TREE, 3" CALIPER, BALLED AND BURLAPPED	36.00	EA	\$822.00	\$ 29,592.00		\$ -		\$ -
TOTAL BID PRICE					\$ 5,065,795.97		\$ 3,969,637.21		\$ 118,576.20
									\$ 4,088,213.41



STATE OF ILLINOIS
COUNTY OF DUPAGE

WAIVER OF LIEN TO DATE

Gty #

Escrow #

TO WHOM IT MAY CONCERN:

WHEREAS the undersigned has been employed by Northern Moraine Wastewater Reclamation District to furnish Underground Utilities for the premises known as Holiday Hills/ Le Villa Vaupell Sewer Extension Phase 2 of which Northern Moraine Wastewater Reclamation District is the owner.

THE undersigned, for and in consideration of Two Hundred Twenty Eight Thousand Five Hundred Seventy Six and .20/100 (\$228,576.20) Dollars, and other good and valuable considerations, the receipt whereof is hereby acknowledged, do(es) hereby waive and release any and all lien or claim of, or right to, lien, under the statutes of the State of Illinois, relating to mechanics' liens, with respect to and on said above-described premises, and the improvements thereon, and on the material, fixtures, apparatus or machinery furnished, and on the moneys, funds or other considerations due or to become due from the owner, on account of all labor, services, material, fixtures, apparatus or machinery, furnished to this date by the undersigned for the above-described premises, INCLUDING EXTRAS.*

DATE August 6, 2025 COMPANY NAME TRINE CONSTRUCTION CORP.

ADDRESS 1041 TRINE CT, SUITE A, ST. CHARLES IL, 60174

SIGNATURE AND TITLE Shamus Barney Finance Manager

*EXTRAS INCLUDE BUT ARE NOT LIMITED TO CHANGE ORDERS, BOTH ORAL AND WRITTEN, TO THE CONTRACT

CONTRACTOR'S AFFIDAVIT

STATE OF ILLINOIS

COUNTY OF DUPAGE

TO WHOM IT MAY CONCERN:

THE UNDERSIGNED, (NAME) SHAMUS BARNEY BEING DULY SWORN, DEPOSES AND SAYS THAT HE OR SHE IS (POSITION) FINANCE MANAGER OF (COMPANY NAME) TRINE CONSTRUCTION CORP WHO IS THE CONTRACTOR FURNISHING UNDERGROUND UTILITIES WORK ON THE BUILDING LOCATED AT HOLIDAY HILLS/ LE VILLE VAUPELL SEWER EXTENSION PHASE 2 OWNED BY NORTHERN MORAIN WASTEWATER RECLAMATION DISTRICT

That the total amount of the contract including extras* is \$4,060,303.28 on which he or she has received payment of \$3,819,637.21 prior to this payment. That all waivers are true, correct and genuine and delivered unconditionally and that there is no claim either legal or equitable to defeat the validity of said waivers. That the following are the names and addresses of all parties who have furnished material or labor, or both, for said work and all parties having contracts or sub contracts for specific portions of said work or for material entering into the construction thereof and the amount due or to become due to each, and that the items mentioned include all labor and material required to complete said work according to plans and specifications:

NAMES AND ADDRESSES	WHAT FOR	CONTRACT PRICE INCLDG EXTRAS*	AMOUNT PAID	THIS PAYMENT	BALANCE DUE
FOR COMPLETE LISTING SEE PAGE 2 OF 2 ATTACHED					
TOTAL LABOR AND MATERIAL INCLUDING EXTRAS* TO COMPLETE.					

That there are no other contracts for said work outstanding, and that there is nothing due or to become due to any person for material, labor or other work of any kind done or to be done upon or in connection with said work other than above stated.

DATE 8-7-25

SIGNATURE: Shamus Barney

SUBSCRIBED AND SWORN TO BEFORE ME THIS 7th DAY OF August, 2025

*EXTRAS INCLUDE BUT ARE NOT LIMITED TO CHANGE ORDERS, BOTH ORAL AND WRITTEN, TO THE CONTRACT.

Michelle A Lo Coco
NOTARY PUBLIC

f.1722 R5/96

Provided by Chicago Title Insurance Company



WAIVER OF LIEN TO DATE

FROM: Trine Construction Corp.
FOR: Holiday Hills
 Pay Est. 11
 Sheet 2 of 2

NAMES AND ADDRESSES	WHAT FOR	CONTRACT PRICE WITH EXTRAS	AMOUNT PAID	THIS PAYMENT	BALANCE DUE
Trine Construction Corp.	Equip, Labor and Other	\$3,710,964.21	\$2,551,530.45	\$228,576.20	\$930,857.56
Mid American	Appurants	\$197,993.75	\$197,993.75	\$0.00	\$0.00
Welch Bros.	Structures/Casting	\$65,388.21	\$65,388.21	\$0.00	\$0.00
Thelen Materials	Dumps/Aggregates	\$216,644.85	\$216,644.85	\$0.00	\$0.00
Geske	Asphalt and Concrete	\$402,139.95	\$361,925.95	\$0.00	\$40,214.00
Mersino	Dewatering	\$380,000.00	\$342,000.00	\$0.00	\$38,000.00
Reliable Landscape	Landscaping	\$74,060.00	\$66,654.00	\$0.00	\$7,406.00
Highstar	Traffic Control	\$18,605.00	\$17,500.00	\$0.00	\$1,105.00
TOTAL LABOR AND MATERIAL INCLUDING EXTRAS* T		\$5,065,795.97	\$3,819,637.21	\$228,576.20	\$1,017,582.56

STATE OF ILLINOIS }
COUNTY OF MCHENRY } SS

WAIVER OF LIEN TO DATE

Gty # _____

Escrow # _____

TO WHOM IT MAY CONCERN:

WHEREAS the undersigned has been employed by Trine Construction Corp
to furnish asphalt paving & related items
for the premises known as LeVilla Vaupell Sewer Extension - Phase 2, Holiday Hills, IL
of which Village of Holiday Hills is the owner.

THE undersigned, for and in consideration of Three Hundred Sixty-One Thousand Nine Hundred Twenty-Five & 95/100--
(\$ 361,925.95) Dollars, and other good and valuable considerations, the receipt whereof is hereby acknowledged, do(es) hereby waive
and release any and all lien or claim of, or right to, lien, under the statutes of the State of Illinois, relating to mechanics' liens, with respect to and on
said above-described premises, and the improvements thereon, and on the material, fixtures, apparatus or machinery furnished, and on the moneys,
funds or other considerations due or to become due from the owner, on account of all labor services, material, fixtures, apparatus or machinery,
heretofore furnished, or which may be furnished at any time hereafter, by the undersigned for the above-described premises, INCLUDING EXTRAS.*

DATE 8/7/2025 COMPANY NAI Geske and Sons, Inc. Asphalt Paving
ADDRESS 400 E. Terra Cotta Ave., Crystal Lake, IL 60014

SIGNATURE AND TITLE [Signature] Vice President
* Extras include but are not limited to change orders, both oral and written, to the contract.

STATE OF ILLINOIS }
COUNTY OF MCHENRY } SS

CONTRACTOR'S AFFIDAVIT

TO WHOM IT MAY CONCERN:

The undersigned Larry Geske being duly sworn, deposes
and says that he or she is Vice President
of Geske and Sons, Inc. Asphalt Paving who is the
contractor furnishing asphalt paving and related items work on the building
located at LeVilla Vaupell Sewer Extension - Phase 2, Holiday Hills, IL
owned by Village of Holiday Hills

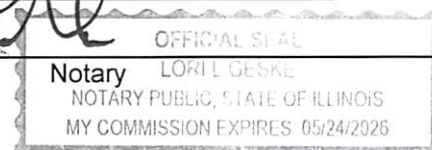
That the total amount of the contract including extras* is \$ 512,239.20 on which he has received payment of
\$ 0.00 prior to this payment. That all waivers are true, correct and genuine and delivered unconditionally and that there is no
claim either legal or equitable to defeat the validity of said waivers. That the following are the names and addresses of all parties who have furnished
materials or labor, or both, for said work and all parties having contracts or sub contracts for specific portions of said work or for material entering
into the construction thereof and the amount due or to become due to each, and that the items mentioned include all labor and materials required to
complete said work according to plans and specifications:

NAME AND ADDRESSES	WHAT FOR	CONTRACT PRICE INCLDNG EXTRAS*	AMOUNT PAID	THIS PAYMENT	BALANCE DUE
Geske and Sons, Inc., Crystal Lake, IL	Asphalt Paving	512,239.20	0.00	361,925.95	150,313.25
Geske Plant 4020 Northwest Highway, Crystal Lake, IL					
Total Labor And Material Including Extras* To Complete		512,239.20	0.00	361,925.95	150,313.25

That there are no other contracts for said work outstanding, and that there is nothing due or to become due to any person for material, labor or other work of any kind done upon
or in connection with said work other than above stated.

DATE 8/7/2025 Signature: [Signature]
Subscribed and sworn before me this 7th day of August, 2025

*EXTRAS INCLUDE BUT ARE NOT LIMITED TO CHANGE
ORDERS, BOTH ORAL AND WRITTEN TO THE CONTRACT.





NORTHERN MORaine W R D

AGENDA ITEM #10C

<u>Meeting Date:</u>	August 11, 2025
<u>Item:</u>	Ordinance on Late Payment Fees
<u>Staff Recommendation:</u>	Approve Ordinance 25-07, Amending Ordinance 25-02 regarding Late Payment Fees
<u>Staff Contact:</u>	Mohammed M. Haque, District Manager

Background:

The District approved a new User Rate Ordinance in March 2025 that established new rates for the next several years and established a new methodology to bill for metered billing of residential customers. At the time, we did not look at how we do late fees and the processes we have in place. Our District Clerk brought up the cumbersome nature of assessing late fees and suggested that we should consider deferring late fees on accounts that have less than a \$10 balance. This is especially an issue during rate change transition months since some people have auto-pay setup for a previous rate. People get upset over a late fee being charged on such a nominal amount and it leads to phone calls and complaints, etc. The revenue generated on this is not worth the animosity and time expended explaining our late payment fee. The intent was never to penalize folks that normally pay on time and setting this threshold would allow us to keep the intent of late fees to deter habitual late payers and to prevent people going further indebted on their sewer bill.

Recommendation:

District Staff recommends Approving Ordinance 25-07, Amending Ordinance 25-02 regarding Late Payment Fees.

Votes Required to Pass:

Simple Majority, via a roll call vote



ORDINANCE NO. 25-__

**AN ORDINANCE AMENDING ORDINANCE NO. 25-02
REGARDING LATE PAYMENT FEES**

Adopted by the
President and Board of Trustees
of the
Northern Moraine Wastewater Reclamation District
this ____ day of _____, 2025

Published in pamphlet form by direction
and authority of the
Northern Moraine Wastewater Reclamation District,
Counties of Lake and McHenry, State of Illinois
this ____ day of _____, 2025

ORDINANCE NO. 25-__

AN ORDINANCE AMENDING ORDINANCE NO. 25-02
REGARDING LATE PAYMENT FEES

WHEREAS, the Northern Moraine Wastewater Reclamation District (the “**District**”) is a sanitary district operating pursuant to the Sanitary District Act of 1917, 70 ILCS 2405/1 (the “**Act**”); and

WHEREAS, pursuant to the Act, the District has the authority to regulate connections to and use of its sanitary sewer system (the “**District System**”); and

WHEREAS, pursuant to the District’s Ordinance No. 25-02 (the “**Sewer User Charge Ordinance**”), as amended from time-to-time, the District imposes charges (“**Sewer User Service Charges**”) upon users of the District System whose premises are connected to or required to be connected to the District System (“**User**”); and

WHEREAS, pursuant to Section 2.3 of the Sewer User Charge Ordinance, the District applies a late payment penalty of 10% of the total unpaid balance whenever a User fails to make payment of Sewer User Service Charges within 21 days after the date the Sewer User Service Charge bill was rendered (the “**Late Payment Penalty**”); and

WHEREAS, amending the Late Payment Penalty to apply only to unpaid balances of more than ten dollars (\$10) will promote more timely payments, enhance administrative efficiency of the District in rendering and collecting Sewer User Service Charges, support more positive and productive customer interactions, and align with the District’s efforts to pursue higher-impact collections while still serving as a reasonable deterrent for late payments; and

WHEREAS, the District Board of Trustees (the “**District Board**”) has determined that it is in the best interests of the District and its customers to amend the Late Payment Penalty

in the Sewer User Charge Ordinance such that the Late Payment Penalty shall only apply to unpaid balances totaling more than \$10;

NOW, THEREFORE, BE IT ORDAINED AND ENACTED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE NORTHERN MORAIN WASTEWATER RECLAMATION DISTRICT, COUNTIES OF LAKE AND McHENRY, STATE OF ILLINOIS, as follows:

SECTION ONE. Recitals. The foregoing recitals are incorporated into and made a part of this Ordinance by reference.

SECTION TWO. Amendment to Section 2.3 of Ordinance No. 25-02. Section Two, entitled "Sewer User Service Charges," of the Sewer User Charge Ordinance (as amended from time-to-time), is hereby amended so that Section 2.3 shall hereafter be and read as follows:

- 2.3 Sewer User Service Charges shall be billed in arrears on a monthly basis to all sewer users. Bills for sewer service shall be mailed or otherwise delivered on or after the first day of the month succeeding the billing period for which the service is provided, and payment shall be due twenty-one (21) days after the date the bill was rendered. If payment of the entire amount of said bill for Sewer User Service Charges is not received by the District on or before the twenty-first (21st) day after the billing date, **and if the total amount of such bill or the total unpaid balance due from said user is more than \$10**, then a late payment penalty of ten percent (10%) of the unpaid balance of the current bill shall be added thereto and become due and payable.

SECTION THREE. Effective Date. This Ordinance shall be in full force and effect upon its passage, approval, and publication in the manner provided by law.

Passed and adopted by the Board of Trustees of the Northern Moraine Wastewater Reclamation District, Counties of Lake and McHenry, State of Illinois, on this ____ day of _____, 2025 by the following vote:

Ayes: ()
Nays: ()
Abstain: ()
Absent: ()

Approved this _____ Day of _____, 2025.

Kenneth A. Michaels, Jr., President
Northern Moraine Wastewater Reclamation District

ATTEST:

Elisa Fisher, Clerk
Northern Moraine Wastewater Reclamation District

4916-8523-8104, v. 2



NORTHERN MORaine W R D

AGENDA ITEM # 10D

<u>Meeting Date:</u>	August 11, 2025
<u>Item:</u>	Variable Frequency Drives for Blower Replacement Project
<u>Staff Recommendation:</u>	Motion to Authorize the District Manager to purchase two (2) ABB Variably Frequency Drives for a total amount of \$58,400.
<u>Staff Contact:</u>	Mohammed M. Haque, District Manager

Background:

The District currently has one HSI/Atlas Copco that was purchased in 2014. It is capable of putting out 4,000 cfm, which is adequate for aerating our 2 digesters. Redundancy is supposed to be provided by the 3 older Lamson blowers. The District ordered 2 Kaeser blowers to replace the 3 Lamsons in November 2024 for a price of \$152,000. Those 2 Kaeser blowers have been delivered to the District in July. In order to drive the blowers, we need variable frequency drives. Currently the District has ABB drives for our influent pumps and the existing HSI blower that were installed as part of the Control Building Electrical Upgrades project. It is our desire to buy similar ABB drives for the new Kaeser blowers. The attached memo from TAI explains the basis of that decision and the justification of sole source purchasing to allow for it as a purchase over our bid threshold.

This project utilizes excess funds from the Plant Emergency Generator grant of \$250,000 that we expect to have leftover since the generator purchase is expected to be less than \$250,000.

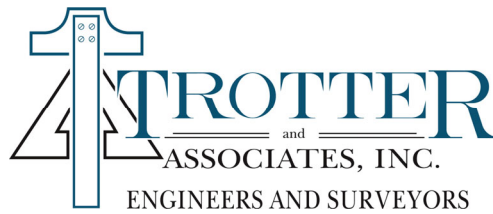
Recommendation:

It is the recommendation of the District Manager to Approve Purchase of Two (2) ABB Variably Frequency Drives for a total amount of \$58,400

Votes Required to Pass:

Simple Majority, via a roll call vote





Memorandum

Date: July 30, 2025

To: Mohammed Haque, District Manager

From: Jillian Kiss, PE

Subject: Aeration Blower Replacement – VFD Selection and Procurement

The District is replacing three existing aeration blowers with two 2,000 scfm rotary lobe blowers by Kaeser. The design includes the selection of packaged Variable Frequency Drives (VFDs) for the blower equipment. TAI has opted to select ABB control cabinets with ABB ACQ580-31 model VFDs. These units are best suited for these loads for the reasons outlined below.

ABB's ACQ580 line of VFDs are specifically designed for the water/wastewater industry. They are more robustly built to handle continuous operation and have expanded integral safety and communication components. For this 100HP size load, TAI strongly recommends implementing the ACQ580-31 models which do not produce any harmonic currents. In general, standard 6-pulse VFDs inject harmonic currents into an electric distribution system, which in the long run can cause damage to motors, cables, and other assemblies. It is crucial to minimize harmonics for a continuously-operating wastewater plant. Harmonics can be combated with a number of solutions, including drive filters, in-line filters, and low-harmonic drives. For a larger HP load, it is more cost-effective to implement a low harmonic drive as opposed to a large separate system filter. TAI in general considers low-harmonic drives more appropriate than separate filters for loads 30HP and larger.

In addition to being low-harmonic, the selected drives are High-Overload. This is important because rotary-lobe blowers are a constant-torque load. During starting, these loads need to overcome a large inertia to reach full speed. ABB's high-overload units, which are essentially the next higher HP rating, are able to handle 150% full-load current for 60 seconds every 10 minutes. This capability is ideal for constant-torque loads, and allows the drive to maintain a longer healthier lifetime.

Lastly, the District has ABB drives currently installed on the four raw sewage pumps at the main pump station. The District staff is happy with the performance of these drives and would prefer to maintain consistency with future VFD selections manufactured by ABB.

Therefore, it is TAI's recommendation to sole source purchase the two specified VFDs from ABB in the amount of approximately \$58,400.00, including vendor start-up and training services.

Attachment:
ABB VFD Quote, dated 6/26/2025

Quotation Bill of Material

Item	Qty	Product Information	Extended Net
1	1	ACQ580-31-156A-4 <i>ACQ580 Water/Wastewater drive - supply voltage at 480 VAC Three Phase. 124 Rated Output Amps (100 HP), UL (NEMA) Type 1, Frame size - R8, panel to include door mounted key pad, vent fan controls, alarms, motor relay, etc</i>	
2	1	FEIP-21-KIT <i>Ethernet/IP adapter (FEIP-21-KIT)</i>	

Terms:

- ***Add \$1,800.00 day for start up and training***
- ***FOB ABB Factory, allowed***
- ***Proposal valid for 30 days from quotation date***
- ***ABB Inc. Standard Terms and Conditions of Sale apply***
- ***Proposal based upon acceptance of Clarifications and Exceptions to Specifications and Terms provide later in this quotation***

Total: \$28,300.00ea



NORTHERN MORAINE W R D

AGENDA ITEM #10E

<u>Meeting Date:</u>	August 11, 2025
<u>Item:</u>	Approve Services Agreement for Nutrient Trading Modeling and Administration
<u>Staff Recommendation:</u>	Motion to Adopt a Resolution Authorizing the District Manager to enter into a contract with Stratifyx for Nutrient Trading Modeling and Administration for an amount not to exceed \$12,000
<u>Staff Contact:</u>	Mohammed M. Haque, District Manager

Background:

The District has embarked on Nutrient Trading after getting a Memorandum of Understanding with IEPA to allow us to use Phosphorus credits to offset our permit requirements. To date we have entered into one contract with Haradan Farms and have another agreement pending with McHenry County Conservation District. As part of that work, we have to model the offsets using online tools and GIS. This is outside the capabilities of Bartlett Durand, who is working with us on this through a grant with the Walton Family Foundation. Initially we started using Trotter & Associates for this work but recently we asked for a more formal services agreement for this work since it would be long term. TAI came back with a time and materials proposal of \$55,000 for the work.

Bartlett and I both felt that this was a little expensive and explored alternative arrangements, including utilizing our interns and engineering staff to do some of the work. A company he works with, Stratifyx, has provided us with the attached time & materials proposal for the work with the understanding that we would have interns or engineering staff do some of the modeling work. This is much more cost effective, with an estimate of \$11,365 for a few model sites. The attached resolution allows us to go up to \$12,000 for this expense

Recommendation:

District Staff recommends approval of a Resolution Authorizing the District Manager to enter into a contract with Stratifyx for Nutrient Trading Modeling and Administration for an amount not to exceed \$12,000

Votes Required to Pass:

Simple Majority, via a roll call vote



RESOLUTION

BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE NORTHERN MORaine
WASTEWATER RECLAMATION DISTRICT that the District Manager is authorized to enter
into a contract with Stratifyx for Nutrient Trading modeling and administration for an
amount not to exceed \$12,000.

DATED this 11th day of August, 2025

NORTHERN MORaine WASTEWATER
RECLAMATION DISTRICT, an
Illinois Municipal Corporation,

By: _____
PRESIDENT

SEAL

ATTEST

DISTRICT CLERK

Pilot Project: Water Quality- Phosphorous Reduction Offset Program for NMWRD and IL EPA

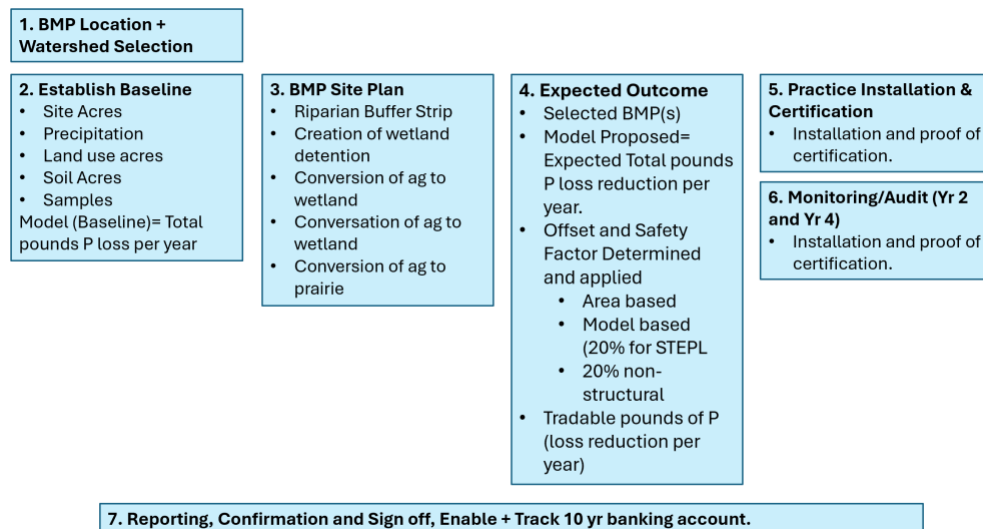
Project Understanding: Phosphorus Offset Program

The Illinois EPA–NMWRD Memorandum of Understanding (MOU) establishes a forward-looking framework for implementing a watershed-based nutrient offset process that aligns with national water quality trading principles. Under this approach, point-source dischargers like NMWRD can meet stringent phosphorus reduction targets in their NPDES permits by financing and verifying equivalent or greater nutrient reductions through non-point source Best Management Practices (BMPs) elsewhere in the watershed. The process outlined in the MOU includes site-level baseline determination, BMP implementation, pollutant load modeling, certification by qualified professionals, periodic audits, and tracking of verified offsets over a 10-year banking horizon. This program enables more cost-effective and ecologically beneficial nutrient reductions by leveraging landscape-level interventions such as wetland creation, riparian restoration, and conversion of cropland to prairie. As part of the emerging water quality trading market, this MOU framework promotes measurable, enforceable, and creditable outcomes, offering a replicable model for offset generation, banking, and eventual integration into a statewide or regional phosphorus credit marketplace. It is understood that there are different levels of complexity related to different types of Best Management Practices. For example a practice change related to reducing fertilizer applications or implementing a cover crop on existing traditional corn field are simply changes resulting in Phosphorus loss reductions that do not require permits or detailed construction design documents. In contrast there are moderate to highly complex Best Management Practices. An example of these might be the construction of an infiltration field or excavated of a wetland detention pond. These types of BMPs may require permitting and/or more detailed design and result in significantly more complexity and cost to implement. This particular project is focused on getting a “simple” BMP type (non-permit and now construction documents) implemented and through the EPA certifications process.

Project Approach: Phosphorus Offset Program

Stratifyx is interested in developing a SaaS platform to streamline the Phosphorus Offset Program. Our approach would begin by implementing a pilot project on a set of potential locations with proposed BMPs. This will be conducted using a manual approach to walk through each step of the phosphorus offset workflow—from site selection and baseline modeling to BMP implementation, certification, and monitoring. Each step will rely on data collected from multiple sources manually processed using pollutant load estimation tools like STEPL or PLET. BMP performance will be calculated and tracked using spreadsheets and document-based workflows, requiring close coordination between landowners, consultants, and NMWRD staff. The insights gained from this manual implementation—including time requirements, pain points, and data tracking needs—will directly inform the development of new capabilities within the Stratifyx platform. The goal is to transform this manually intensive process into an efficient, user-friendly digital workflow that brings standardization, transparency, and automation to phosphorus credit accounting, offset tracking, and 10-year banking. By modeling the process manually first, Stratifyx can be calibrated around real-world complexity to deliver a scalable tool for watershed managers and permit holders across Illinois and beyond.

Project Task Flow and Outline:



1. BMP Location and Watershed Selection of a Simple BMP project (with feedback from NMWRD)

- Select pilot site(s) within a designated HUC-12 subwatershed from Attachment A of the MOU that does not require permitting or engineered construction design.
- Integrate selection criteria including:
 - Proximity to impaired waters
 - Landowner willingness
 - Existing land use and phosphorus loading potential
 - Backed by NMWRD
- Document land ownership, access agreements, and watershed planning authority.

2. Establish Baseline Conditions

Site Characterization: - Total Acres - Land Use Classification (agriculture, pasture, etc.) - Hydrologic Soil Groups (SSURGO/NRCS) - Annual Precipitation (30-year average using NOAA or PRISM)

Modeling Baseline Phosphorus Loss: - Use STEPL or PLET (or other) model - Inputs: site-specific land use, soil data, slope, and weather - Output: Total phosphorus loss (lbs/year) - Field-verifiable documentation (photos, soils, 2024 land use data or most recent available)

3. BMP Site Plan Development

Selected BMPs: - Riparian Buffer Strip - Creation of Wetland Detention - Conversion of Agricultural Land to Wetland - Conversion of Agricultural Land to Prairie

Each BMP plan includes: - Site maps and layout design - Modeled P reduction estimate (using STEPL/PLET (or other) - Practice life expectancy - Operation and maintenance plan

4. Expected Outcomes and Offset Calculation

- Re-run STEPL/PLET (or other) with BMPs in place
- Calculate reduction in P loss = Baseline P Loss - Post-BMP P Loss
- Apply:

- 20% safety buffer (modeling uncertainty)
- Location-specific offset ratios (e.g., 1.3:1 to 1.8:1)
- Additional 0.2 for STEPL use or non-structural practices
- Final Output: Tradable Phosphorus in pounds of reduction per year

5. Practice Installation and Certification

- Contract landowners or contractors for BMP installation (SFX will only support this task)
- Install BMPs per NRCS/Illinois Urban Manual standards (SFX will only support this task)
- Confirm:
 - BMP presence and operational integrity
 - Modeled performance vs. observed results
 - Need for adjustments or adaptive management
- Certification by qualified professional:
 - Installation date
 - BMP location and specs
 - “As-built” photos and confirmation memo

6. Monitoring and Audit Plan

- Conduct independent audits in Years 2 and 4

7. Reporting and Banking

Annual Reporting: - BMP status updates - Modeled P reduction calculations - Offset allocation and remaining banked balance

10-Year Banking System: - Log annual reductions and associated BMPs - Track lifespan, usage, and expiration - Include summary in NPDES permit renewal reports

Budget Summary and Timeline:

Project Budget Summary:Water Quality- Phosphorous Reduction Offset Program for NMWRD and IL EPA								
Task Name		Description	Sr. Watershed Planner	GIS Analyst	Technician	Labor Total \$	Expense	Project Total
			200	125	80		0%	
PHASE 1	BMP Location and Watershed Selection		6	9	0	\$ 2,325	\$ 245	\$ 2,570
Task 1	Select pilot site(s) within a designated HUC-12 subwatershed from Attachment A of the MOU.		2			\$ 400	\$ -	\$ 400
Task 2	Selection criteria include:Proximity to impaired waters, Landowner willingness, Existing land use and phosphorus loading potential			4		\$ 500	\$ -	\$ 500
Task 3	Document land ownership, access agreements, and watershed planning authority. Field Confirm Site		4	4		\$ 1,300	\$ 245	\$ 1,545
Task 4	Deliverables preparation			1		\$ 125	\$ -	\$ 125
PHASE 2	Establish Baseline Conditions		2	9	0	\$ 1,525	\$ -	\$ 1,525
Task 8	Site Characterization			4		\$ 500	\$ -	\$ 500
Task 9	STEPL or PLET model Data Prep			2		\$ 250	\$ -	\$ 250
Task 10	STEPL or PLET model Implementation		1	2		\$ 450	\$ -	\$ 450
Task 11	Deliverables preparation		1	1		\$ 325	\$ -	\$ 325
PHASE 3	BMP Site Plan Development		4	11	0	\$ 2,175	\$ 245	\$ 2,420
Task 12	Selected BMPs			2		\$ 250	\$ -	\$ 250
Task 13	Create Plan- Site maps and layout design, modeled P reduction estimate (using STEPL/PLET)		4	8		\$ 1,800	\$ 245	\$ 2,045
Task 14	Deliverables preparation			1		\$ 125	\$ -	\$ 125
PHASE 4	Expected Outcomes and Offset Calculation		2.5	3	0	\$ 875	\$ -	\$ 875
Task 15	Re-run STEP-L/PLET with BMPs in place		1	2		\$ 450	\$ -	\$ 450
Task 16	Calculate reduction in P loss = Baseline P Loss - Post-BMP P Loss					\$ -	\$ -	\$ -
Task 17	Apply safety buffer offsets		1			\$ 200	\$ -	\$ 200
Task 18	Final Output: Tradable pounds of phosphorus reduction per year		0.5	1		\$ 225	\$ -	\$ 225
PHASE 5	Practice Installation and Certification		8	0	8	\$ 2,240	\$ 245	\$ 2,485
Task 19	Contract landowners or contractors for BMP installation		4			\$ 800	\$ 245	\$ 1,045
Task 20	Install BMPs per NRCS/Illinois Urban Manual standards		2			\$ 400	\$ -	\$ 400
Task 21	Certification by qualified professional:		2		8	\$ 1,040	\$ -	\$ 1,040
PHASE 6	Monitoring, Audit Plan, Reporting and Banking		13	0	8	\$ 3,240	\$ 735.00	\$ 3,975
Task 22	Annual Monitoring		4			\$ 800	\$ 245	\$ 1,045
Task 23	Conduct audits at 2 and 4 yrs		4		8	\$ 1,440	\$ 490	\$ 1,930
Task 24	Banking System		1			\$ 200	\$ -	\$ 200
Task 25	Deliverables preparation		4			\$ 800	\$ -	\$ 800
	Summed by Task		28	32	8	\$ 10,140	\$ 1,225	\$ 11,365

Stratifyx- a GIS based decision support system is not starting this process from scratch. The already integrated Water Quality tool allows us to implement this process at an expedited timeline and at a drastically reduced budget compared to other traditional engineering firms. Below are a few screenshots of Stratifyx “in action” and being used for real projects in NE IL.

“NE IL Phosphorous Crediting Market”

Stratifyx



Land-Use decision support system with 100's of public and proprietary mapping layers organized into an easy-to-use layer library; informed by +25 yrs of ecological restoration and land management projects.



Search and prioritize parcels over large landscapes (county, watershed, municipality); Share Areas of Interest with project teams for efficiently communication and collaboration.



Track landowner enrollment process while efficiently communicating potential ecological benefits

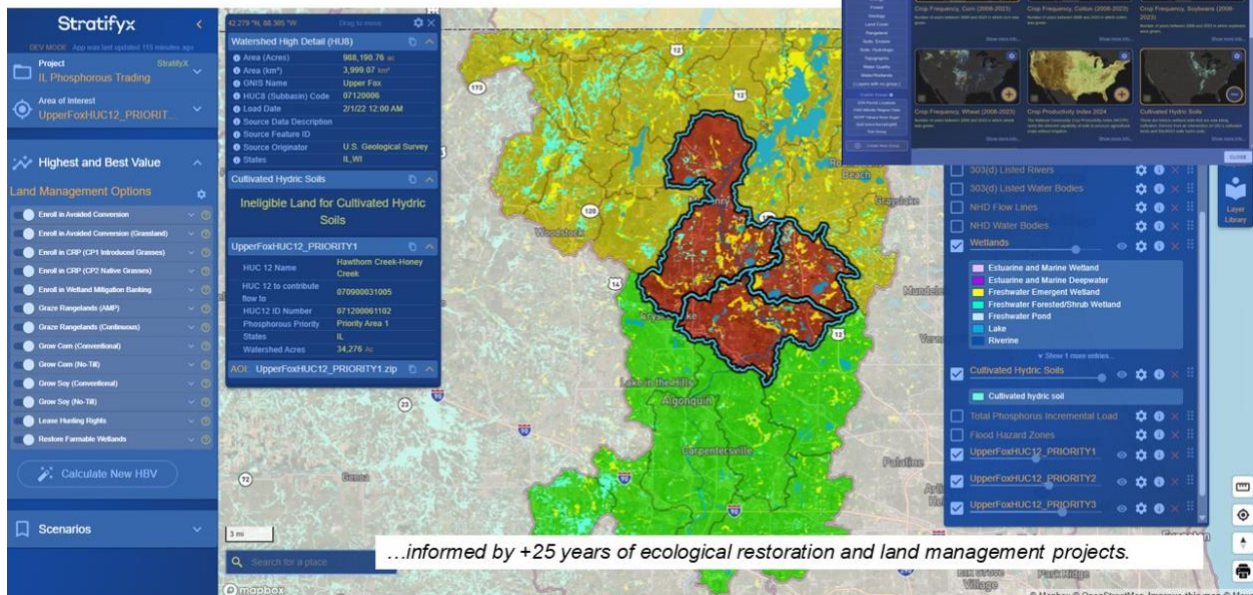


Inform small and large farm plans and estimate benefits (Soil Carbon Accrual/Phosphorous Loss Reductions) related to land plan decisions

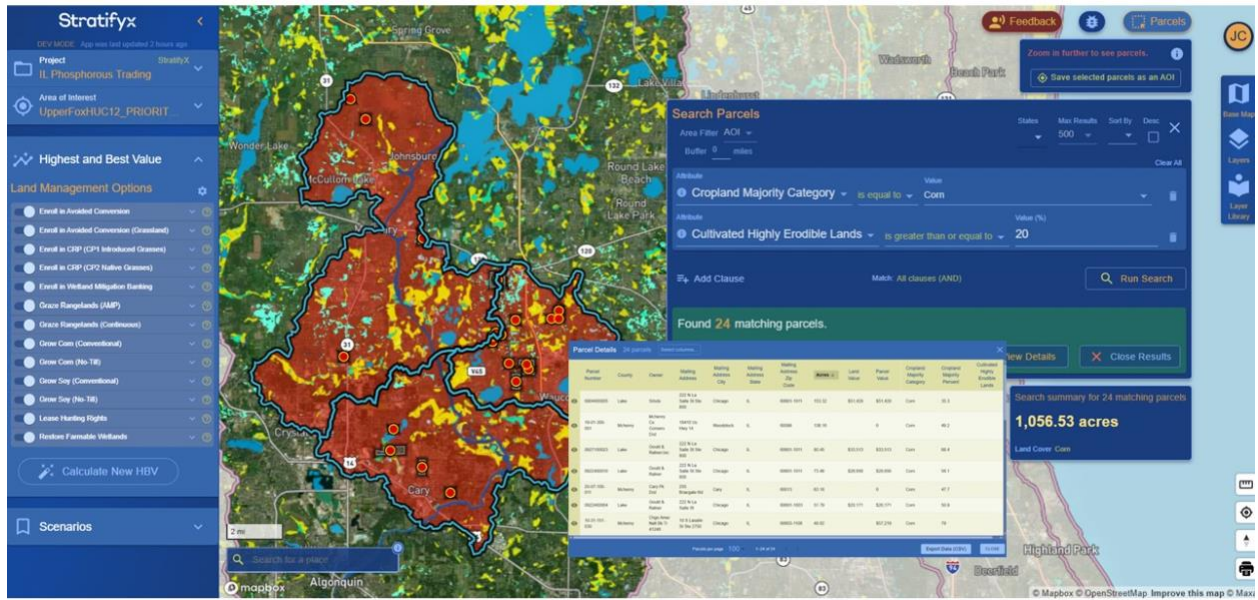
"Pick list" related to potential management improvements cost/benefit analysis



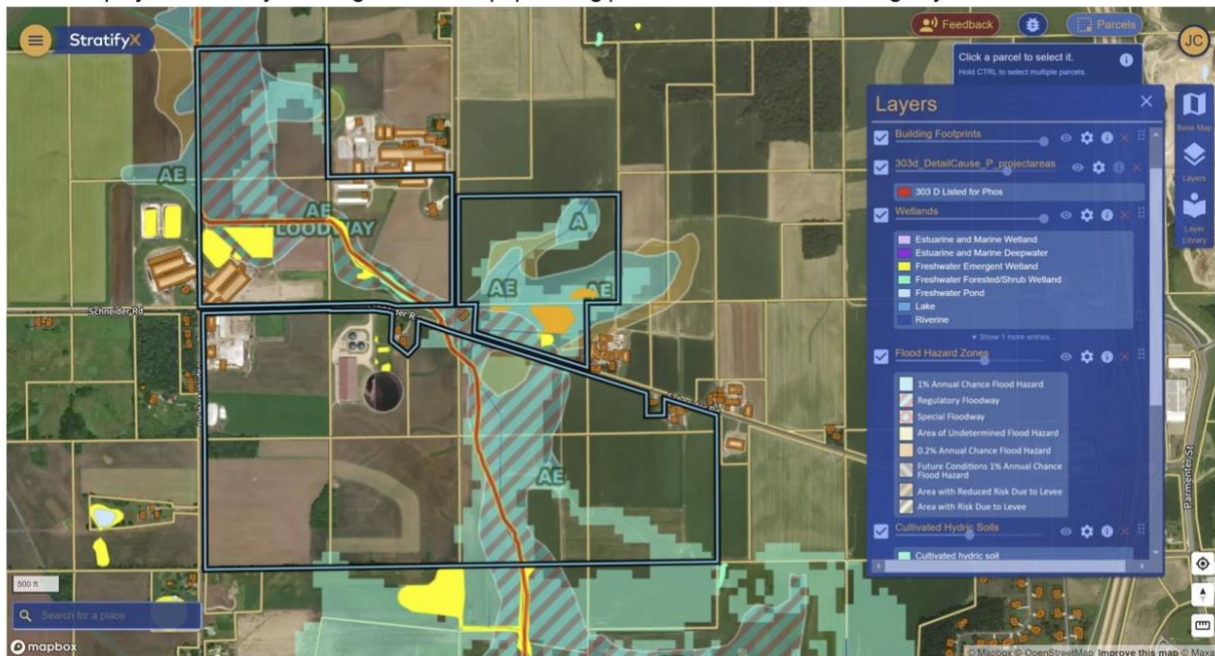
Land-Use decision support system (including a fully assembled GIS system) with 100's of public and proprietary mapping layers organized into an easy-to-use layer library



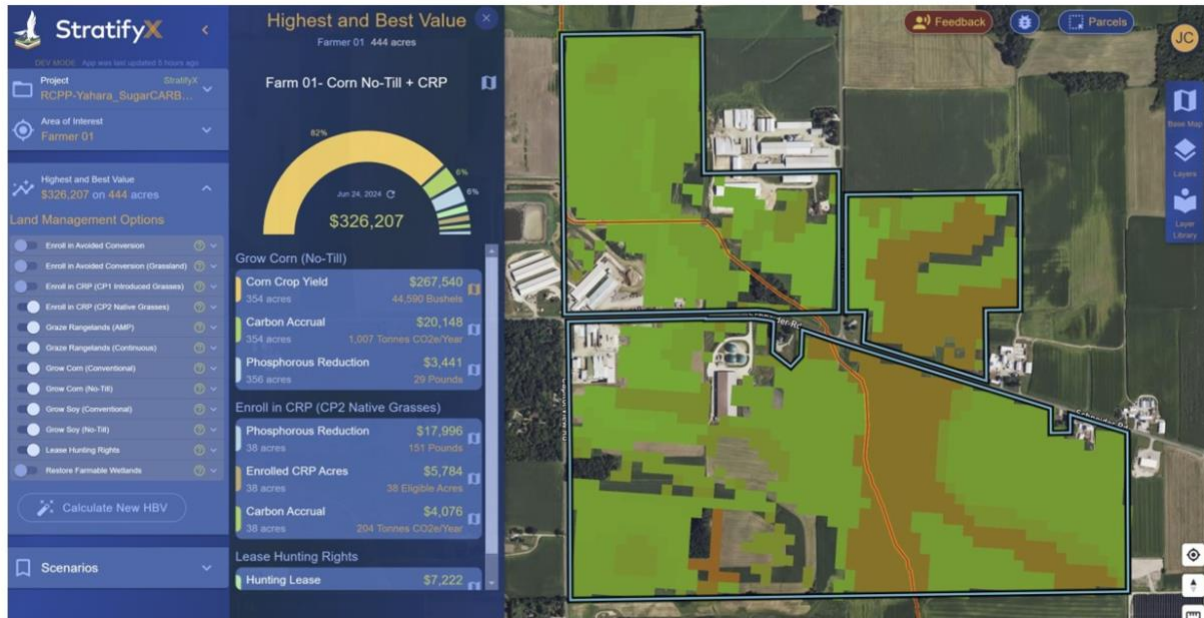
- Explore, search and prioritize parcels for specific BMP opportunities within or behind your watershed
- Create and Save Areas of interest and share these locations with project teams for efficiently communication and collaboration
- Track landowner enrollment process while efficiently communicating quantities of potential ecological benefits life P-load reductions



Evaluate project feasibility and begin the concept planning process while understanding key environmental constraints.



Estimate BMP and land use benefits (Phosphorous Loss Reductions) related to land plan scenarios





AGENDA ITEM # 10F

<u>Meeting Date:</u>	August 11, 2025
<u>Item:</u>	Adoption of a Resolution Designating Surplus Equipment and Authorizing Disposal through Auction
<u>Staff Recommendation:</u>	Motion to adopt a Resolution designating the items listed on Exhibit A as Surplus Equipment to be sold through an on-line auction administered by Obenauf Auction Services, Inc.
<u>Staff Contact:</u>	Mohammed M. Haque, District Manager

Background:

Attached is an equipment list, Exhibit A, identifying District equipment and miscellaneous items as surplus in order for it to be sold through an on-line auction process. This auction service is provided throughout the year and administered by Obenauf Auction Service, Inc. Items listed in Exhibit "A" are non-utilized pieces of electronics and equipment that have surpassed their useful lives. Most items are likely to have little to no value. Per our Ordinance, items that staff are interested in can be purchased directly by staff for the appraised values. Those items are listed with values for this purpose. This process provides us with a good way to dispose of items and/or extract the maximum value for items for the District's benefit.

It is staff's recommendation to participate in the auction for the following reasons:

- 1) Participation in the auction would minimize the costs and time required to sell the equipment through the bidding process. These costs include advertising, publishing legal notification and staff time required to show equipment. The associated cost to the District by utilizing Obenauf Auction Service, Inc. is a commission of up to 3-4% for all items sold.
- 2) It would allow the District to clear space that is currently being occupied by the surplus equipment no longer being utilized.

Recommendation

It is staff's recommendation to designate the items on Exhibit A as Surplus and for the Equipment to be auctioned through an on-line auction, administered by Obenauf Auction Service, Inc., with up to a 4% sales commission for all items sold.

Votes Required to Pass

Simple Majority via a Roll Call Vote



RESOLUTION

BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE NORTHERN MORaine WASTEWATER RECLAMATION DISTRICT that items listed on Exhibit "A" are surplus and are to be disposed of through an on-line auction administered by Obenauf Auction Services, Inc. or via sale to District Staff for appraised or other reasonably estimate of the Surplus Property's value from a third party source.

DATED this ____ day of _____, 2025

NORTHERN MORaine WASTEWATER
RECLAMATION DISTRICT, an
Illinois Municipal Corporation,

By: _____
PRESIDENT

SEAL

ATTEST

ASSISTANT DISTRICT CLERK

Exhibit A – Old District Equipment to be Designated as Surplus (August 2025)

1. Fireproof Safe

Brand: Mesa Safe Company

Condition: New

Dimensions (W x H x D): 22" x 40" x 22"



2. Shelf

Brand: Tennsco

Condition: Minor Surface Scratches

Dimensions (W x H x D): 34.5" x 40" x 13.5"



3. Lamson Multistage Centrifugal Blower

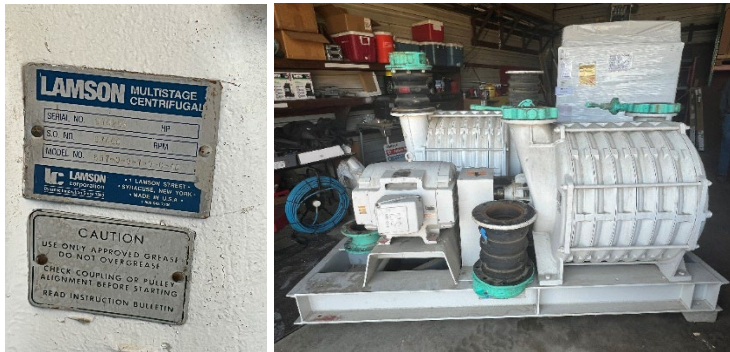
Year Installed: 1998

Condition: No mechanical issues were found during testing. Annual maintenance has been performed since installation.

Serial NO. 970252

S.O. NO. 67460

Model NO. 857-0-0-7-0-0-AD



4. Lamson Multistage Centrifugal Blower

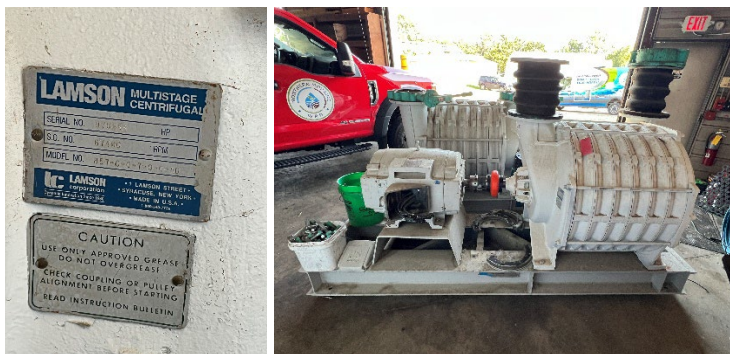
Year Installed: 1998

Condition: No mechanical issues were found during testing. Annual maintenance has been performed since installation.

Serial NO. 970253

S.O. NO. 67460

Model NO. 857-0-0-7-0-0-AD



5. Lamson Multistage Centrifugal Blower

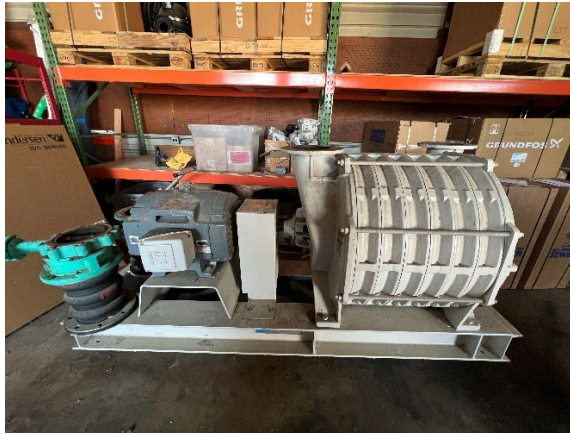
Year Installed: 1998

Condition: No mechanical issues were found during testing. Annual maintenance has been performed since installation.

Serial NO. 970249

S.O. NO. 67460

Model NO. 857-0-0-7-0-0-AD



ORDINANCE NO. 23-06

AN ORDINANCE OF THE NORTHERN MORAINÉ WASTEWATER RECLAMATION DISTRICT,
LAKE AND MCHENRY COUNTIES, ILLINOIS, AUTHORIZING THE
DISPOSAL OF SURPLUS PROPERTY

WHEREAS, the Northern Moraine Wastewater Reclamation District (the "***District***") owns certain non-real estate property and, from time to time, that property ceases to be necessary or useful to the District in its operations ("***Surplus Property***");

WHEREAS, the District Board desires to sell any Surplus Property and use the proceeds for the general operations of the District; and

WHEREAS, the District further desires to establish a procedure for the District Board of Trustees (the "***District Board***") to designate property as Surplus Property and to direct District staff to sell that Surplus Property; and

WHEREAS, pursuant to 70 ILCS 2405/8 and 70 ILCS 2405/11, the District Board has the authority to sell, convey, vacate, or release its interests in property when no longer required for the purposes of the District; and

WHEREAS, pursuant to Article VII, Section 10 of the Illinois Constitution of 1970 and the Illinois Intergovernmental Cooperation Act, 5 ILCS 220/1 *et seq.*, the District may enter into agreements with other units of local government for the sale or disposal of Surplus Property;

NOW, THEREFORE, BE IT ORDAINED by the President and Board of Trustees of the Northern Moraine Wastewater Reclamation District, Lake and McHenry Counties, Illinois, as follows:

SECTION ONE: Recitals. The foregoing recitals are incorporated into and made a part of this Ordinance by this reference.

SECTION TWO: District Board's Designation of Surplus Property. Pursuant to aforementioned statutory authority, the District Board may, by written resolution or motion set forth in the meeting minutes of the District Board, designate non-real estate property owned by the District to

be Surplus Property. Any such designation shall be deemed to constitute a finding and determination of the District Board that the best interests of the District will be served by the sale or other disposition of the Surplus Property. Upon such designation of Surplus Property, the District Manager shall cause such Surplus Property to be sold or otherwise disposed of in accordance with Section Three of this Ordinance.

SECTION THREE: Sale or Disposition of Surplus Property; Authority of the District Manager. Upon the District Board's designation of property as Surplus Property, the District Manager is hereby authorized and directed to sell or otherwise dispose of the Surplus Property in any manner authorized in this Section Three. Upon the sale or disposition of the Surplus Property, the District Manager is authorized and directed to convey and transfer title for the Surplus Property to the purchaser(s) and to deposit the proceeds from such sale into the District's general fund. The manner of sale of any Surplus Property shall conform with one of the following methods:

- A. Except as provided in Subsection D below, any Surplus Property may be sold or otherwise disposed of by means of intergovernmental transfer upon terms that the District Manager deems to be fair and reasonable.
- B. Except as provided in Subsection D below, the District Manager is authorized and directed to sell Surplus Property by either (i) sealed or open bids, (ii) auction, or (iii) any other lawful means as the District Manager determines to be in the best interests of the District. In the event that the District Board establishes a minimum price for the sale of Surplus Property, the District Manager may only sell Surplus Property for an amount equal to or greater than the minimum price for that Surplus Property established by the District Board. In addition, unless Surplus Property is sold pursuant to sealed or open bids or auction advertised publicly at least 15 days before such bid deadline or auction date, no District Parties (as defined in Subsection C below) may acquire Surplus Property sold or disposed of pursuant to this Subsection B.

- C. If the District Board desires to permit the Surplus Property to be sold to any District staff or official ("***District Parties***"), then the District Manager shall only sell such Surplus Property upon: (i) obtaining an appraisal or other reasonable estimate of the Surplus Property's value from a third party source (a "***Valuation***"), (ii) establishing a minimum price for the sale of such Surplus Property equal to or greater than such Valuation; and (iii) receiving from the District Party an amount equal to or greater than the minimum price for such Surplus Property.
- D. Unless the District Board establishes a minimum price for an article of Surplus Property or otherwise directs the conveyance thereof by intergovernmental agreement, no Surplus Property for which the District originally paid in excess of \$10,000.00 shall be sold unless the District Manager shall: (i) obtain a Valuation of the Surplus Property from a third party source; (ii) advertise the sale of such Surplus Property by sealed or open bid or by auction for at least 15 days; and (iii) transfer the Surplus Property to the highest bidder, provided that the highest bid is at least eighty percent (80%) of the Valuation.

SECTION FOUR: Effective Date. This Ordinance shall be in full force and effect upon its passage, approval, and publication in pamphlet form in the manner provided by law.

PASSED this 12th day of Sept, 2023.

AYES: (5)

NAYS: (0)

ABSENT: (0)

APPROVED this 12th day of Sept, 2023.

ATTEST:

District Clerk

Elise Fisher

Karen G. Schubert
District President





NORTHERN MORaine W R D

AGENDA ITEM #10G

<u>Meeting Date:</u>	August 11, 2025
<u>Item:</u>	Nutrient Trading Agreement
<u>Staff Recommendation:</u>	Approve Revised Nutrient Trading Agreement with McHenry County Conservation District
<u>Staff Contact:</u>	Mohammed M. Haque, District Manager

Background:

The Board approved a nutrient trading agreement with McHenry County Conservation District at our May 2025 board meeting. MCCD wanted to make one additional change, specifically to Section 12.E.1 after we returned it to them. That change is reflected in the attached. I don't feel it is very substantive, but since it does modify the agreement, it is presented for your approval. The attached agreement is presented with all the changes relative to our model agreement for nutrient trading.

We feel that these edits are acceptable and recommend proceeding with approval of the revised nutrient trading agreement for execution by NMWRD and MCCD.

Recommendation:

Approve Revised Nutrient Trading Agreement with McHenry County Conservation District

Votes Required to Pass:

Simple Majority, via a roll call vote



WATER QUALITY TRADING PROGRAM AGREEMENT

This WATER QUALITY TRADING PROGRAM AGREEMENT (hereinafter referred to as the "Agreement") is entered into as of _____, 2025 (hereinafter referred to as the "Effective Date"), by and between the **NORTHERN MORAINÉ WASTEWATER RECLAMATION DISTRICT**, a sanitary district organized under the laws of the State of Illinois (hereinafter referred to as the "Sanitary District"), and the **MCHENRY COUNTY CONSERVATION DISTRICT**, a conservation district organized and existing under the laws of the state of Illinois and having its principal administrative offices in Woodstock, Illinois (hereinafter referred to as the "Landowner") (the Sanitary District and the Landowner are sometimes hereby referred to as a "Party" or, collectively, as the "Parties");

WITNESSETH:

WHEREAS, the Sanitary District and the Landowner are each units of local government authorized by the Illinois Constitution (Ill. Const. Art. VII Sec. 10) and the Intergovernmental Cooperation Act (5 ILCS 220/1 et seq.) to contract with each other and to otherwise agree among themselves and to undertake certain transactions with each other; and

WHEREAS, the Sanitary District has entered into a Memorandum of Understanding with the Illinois Environmental Protection Agency (hereinafter referred to as the "Illinois EPA") dated July 1, 2024, whereby a watershed-based nutrient reducing offset process (hereinafter referred to as the "Process") will credit quantifiable nutrient reductions to the Sanitary District consistent with future National Pollutant Discharge Elimination System (hereinafter referred to as "NPDES") permits with said nutrient reduction offsets being generated through the implementation of certain Best Management Practices (hereinafter referred to as "BMPs") in accordance with requirements of the Process on lands situated within the Illinois portion of the Upper Fox River Watershed; and

WHEREAS, the Landowner is the fee simple owner of certain real estate identified by Permanent Index Numbers 04-27-100-004 and 04-27-400-004, which are depicted in **Exhibit A** attached hereto and incorporated herein, (hereinafter referred to as the "BMP Parcels") deemed eligible and desirable by the Parties for the implementation of BMPs in accordance with the requirements of the Process;

NOW, THEREFORE, in consideration of the mutual covenants herein contained and other good and valuable consideration, the receipt and sufficiency which are hereby mutually acknowledged, it is agreed as follows:

Section 1: Recitals.

The recitals are hereby incorporated by this reference.

Section 2: Purpose.

The purpose of this Agreement is to establish a framework under which the Landowner will implement BMPs on the BMP Parcels to reduce phosphorus levels within the watershed of the

Sanitary District. These practices aim to improve water quality, as part of the Sanitary District's Water Quality Trading Program for Phosphorus Removal. In exchange, the Sanitary District will compensate the Landowner for phosphorus reductions, as determined through the Process and the United States Environmental Protection Agency's ("hereinafter referred to as the "U.S. EPA") proprietary Pollutant Load Estimation Tool (hereinafter referred to as "PLET") or, if unavailable, other models approved by the Illinois EPA.

Section 3: Effective Date and Duration.

This Agreement shall commence on the Effective Date and continue for a period of twelve (12) months. Thereafter, upon the expiration of the initial term or any additional term, this Agreement may be renewed for an additional twelve (12) month term by the written mutual agreement of the Parties.

Section 4: Payment for Phosphorus Reduction.

The Sanitary District agrees to pay the Landowner a total of TEN AND NO/100THS (\$10.00) DOLLARS per pound of phosphorus removed or reduced from the watershed, or such other amount as the Parties may agree by duly authorized amendment(s) to this Agreement from time to time, as determined by a PLET model ("hereinafter referred to as the "Model") run by the Sanitary District in connection with Landowner's implementation of BMPs upon the BMP Parcels. This reduction will be calculated annually by the Sanitary District or its engineer based on the anniversary of the Effective Date and the information provided by the Landowner in accordance with Section 5 of this Agreement and modeled via the PLET.

The Sanitary District shall not issue any payment until the Sanitary District has determined, in its reasonable discretion, that Landowner has fully complied with the terms of this Agreement, and specifically Section 5 of this Agreement. The Sanitary District shall pay the Landowner annually within thirty (30) days of the conclusion of the Model Run as described in Section 7. The Sanitary District will submit all required information regarding the BMPs, payments, and verification records to the Illinois EPA for the Sanitary District's permit compliance reporting.

Section 5: Landowner Responsibilities.

The Landowner agrees to the following responsibilities:

- A. Implementation of BMPs. The Landowner may implement new BMPs starting from "Year 0" as described in the PLET model, with the aim of reducing phosphorus levels in the watershed. BMPs may include, but are not limited to, conversion of agricultural lands to natural communities, practices such as buffer strips, cover crops, nutrient management plans, and sediment control measures.
- B. Data Submission. The Landowner shall provide the Sanitary District with all the information required to determine the Year 0 baseline in accordance with the requirements of the Process and to track the effectiveness of implemented BMPs. Required data may include, but is not limited to:

- Land use and crop data, including the types of crops grown, field sizes, and any non-cropped areas (e.g., conservation areas, buffer strips).
- Soil and topography data, including soil types, slope, and field characteristics.
- Details of farming practices (e.g., tillage methods, fertilizer application, irrigation practices).
- Information on existing or planned BMPs and their effectiveness.
- Geospatial data (GIS or other mapping tools) showing field boundaries for accurate pollutant load modeling.

The Sanitary District has the right to request any additional data from the Landowner that it may reasonably require to ensure compliance with the Sanitary District's permit compliance reporting, and the Landowner shall promptly comply with any such request for additional data. If the Landowner fails to comply with any such reasonable request for additional data within 30 days after such request (or such longer period to which the Sanitary District may approve in writing), the Sanitary District may take any reasonable action to ensure compliance with its permit obligations, including withholding any payment to the Landowner until compliance is established.

- C. Proof of BMP Implementation. The Landowner shall provide documentation, in a format that is acceptable to the Sanitary District, confirming that the Landowner BMPs, as described in Section 5.A and as outlined in the Model, are sufficiently implemented. This documentation shall be sufficient, in the Sanitary District's reasonable discretion, to prove that the BMPs are being maintained and that such BMPs will continue to reduce phosphorus levels within the watershed. This documentation shall be provided to the Sanitary District in accordance with the Sanitary District's permitting and reporting requirements with the Illinois EPA.

Section 6: No Regulatory Liability Transfer.

The Parties acknowledge that no regulatory liability of the Sanitary District for compliance with the Clean Water Act (33 U.S.C. §1251 *et seq.*) or NPDES permit requirements will transfer to the Landowner under this Agreement. The Sanitary District remains responsible for ensuring compliance with any applicable environmental regulations.

Section 7: Model Run and Payment.

Annually, after the Sanitary District's confirmation that the Landowner has complied with Section 5 of this Agreement, the Sanitary District will run the PLET Model based on the anniversary of the Effective Date to estimate the level phosphorus removal or reduction in the applicable watershed in connection with the Landowner's implementation of BMPs upon the BMP Parcels. The Sanitary District shall use its best efforts to confirm Landowner compliance and complete the Model run within sixty (60) days of each anniversary of the Effective Date of this Agreement. The Sanitary District will submit the results of the model run to the Illinois EPA as part of the Sanitary

District's permit application. Upon completion of the Model run the Sanitary District shall pay the Landowner in accordance with Section 4.

Section 8: Stacking of Payments.

This Agreement is a "pay-for-performance" contract for phosphorus reduction. Unless expressly prohibited by other programs, the Landowner may stack payments from this program with other payment programs or incentive-based environmental services.

Section 9: Identification of Additional BMP Parcels.

It is mutually understood and agreed that the BMP Parcels shall be that real estate owned by the Landowner identified as such as of the Effective Date of this Agreement, however additional real estate owned by the Landowner may be added as BMP Parcels, by duly authorized amendment(s), during any term of this Agreement if said real estate is mutually agreed to be an eligible and desirable addition per the requirements of the Process.

Section 10: Termination.

- A. Either Party may terminate this Agreement upon three months prior written notice to the other Party. Termination does not affect the Sanitary District's obligation to pay for phosphorus reductions achieved prior to termination.
- B. In the event that the Sanitary District's access to the PLET is removed, revoked, denied, or the Sanitary District is otherwise unable to access the PLET for a consecutive period of at least thirty (30) days, the Sanitary District shall have right, in its sole discretion, to utilize other models allowed by the Illinois EPA, including, but not limited to, the United States Department of Agriculture's Nutrient Tracking Tool, also known as NTT, and the U.S. EPA's Spreadsheet Tool for Estimating Pollutant Loads, also known as STEP-L. In the event that other nutrient reduction models become unavailable, the Sanitary District shall send a written notice in accordance with Section 11 to the Landowner and shall negotiate an amendment to this Agreement or a new agreement, if possible, under the Illinois EPA's then-current guidelines for nutrient reduction trading.

Section 11: Notice.

All notices required or permitted to be given under this Agreement shall be in writing and shall be delivered (1) personally, (2) by a reputable overnight courier, (3) by certified mail, return receipt requested, and deposited in the U.S. Mail, postage prepaid, or (4) via e-mail. Unless otherwise expressly provided in this Agreement, notices shall be deemed received upon the earlier of: (a) actual receipt; (b) one (1) business day after deposit with an overnight courier, as evidenced by a receipt of deposit; (c) four (4) business days following deposit in the U.S. mail, as evidenced by a return receipt, or (d) on the date that an e-mail is sent, provided that such e-mail is also delivered by one of the other manners set forth in subparts (1) – (3) of this Section. By notice complying with the requirements of this Section, each Party shall have the right to change the address or the addressee, or both, for all future notices and communications to the other Party, but no notice of a

change of addressee or address shall be effective until actually received. Additionally, notices sent by any other means (e.g., facsimile) may be acceptable subject to written confirmation of both the transmission and receipt of the notice. Nothing in this Section will be deemed to invalidate a notice that is actually received. Notice recipients shall be:

For the Landowner:

McHenry County Conservation District
Attention: Executive Director
18410 U.S. Highway 14
Woodstock, IL 60098
E-Mail: ekessler@mccdistrct.org

For the Sanitary District:

Northern Moraine Wastewater Reclamation District
Attn: District Manager
420 Timber Trail
Island Lake, IL 60042
E-Mail: haque@nmwrdr.org

Section 12: Miscellaneous.

- A. Entire Agreement. This Agreement constitutes the entire agreement between the Parties with respect to the subject matter hereof and supersedes all prior understandings or agreements, whether oral or written.
- B. Amendments and Modifications. No modification, addition, deletion, revision, alteration, or other change to this Agreement will be effective unless and until such change is reduced to writing and executed by both Parties.
- C. Governing Law. This Agreement shall be governed by and construed in accordance with the laws of the State of Illinois.
- D. Enforcement. Each and any of the Parties may seek to enforce this Agreement or any of its terms in an action at law or in equity filed in the 19th Judicial Circuit, Lake County, Illinois.
- E. Indemnification. This paragraph shall survive the termination or expiration of this Agreement. Nothing in this paragraph shall be deemed to constitute a waiver of any statutory or other immunities that either party may assert, including the rights, defenses, and immunities provided or available to either party under the Illinois Local Governmental and Governmental Employees Tort Immunity Act with respect to claims by third parties.
 - 1. The Landowner agrees to indemnify, defend, and hold the Sanitary District and its officers, officials, employees, representatives, attorneys, and agents, hereinafter referred to as the "Sanitary District Parties", harmless from and against any and all

claims, actions, or liabilities arising from, related to, or connected with, either directly or indirectly, this Agreement and any act or omission relating to this Agreement and its conditions, including, without limitation, the institution or enactment of any BMPs, provided, however, that said claims, actions, or liabilities are not the result of any grossly negligent or intentional act or omission of the Sanitary District Parties.

2. The Sanitary District agrees to indemnify, defend, and hold the Landowner and its officers, officials, employees, representatives, attorneys, and agents, hereinafter referred to as the “Landowner Parties”, harmless from and against any and all claims, actions, or liabilities arising from, related to, or connected with, either directly or indirectly, this Agreement and any act or omission relating to this Agreement and its conditions, to the extent caused by any grossly negligent or intentional act or omission of any of the Sanitary District Parties.
- F. Assignment. This Agreement may not be assigned by the Landowner without the prior written consent of the Sanitary District.
- G. Headings. No modification, addition, deletion, revision, alteration, or other change to this Agreement will be effective unless and until such change is reduced to writing and executed by both Parties.
- H. Non-Severability. If any material term, covenant, condition, or provision of this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the entire remainder of this Agreement will, thereupon, be null and void and of no further force and effect, it being the intent of the parties that all of the provisions of this Agreement be treated as an individual whole.
- I. Counterparts. This Agreement may be executed in any number of counterparts, each of which will be an original and all of which together will constitute but one and the same instrument.
- J. Brokerage. The Parties hereby each represent and warrant each to the other that neither has employed or otherwise engaged any broker and no brokerage commissions or other similar transactional fees for any third-party services shall be due in connection with the transactions contemplated herein.

[Signature page to follow.]

Northern Moraine Wastewater Reclamation District

By: _____

Name: Kenneth A. Michaels, Jr.

Title: President, Board of Trustees

Date: _____

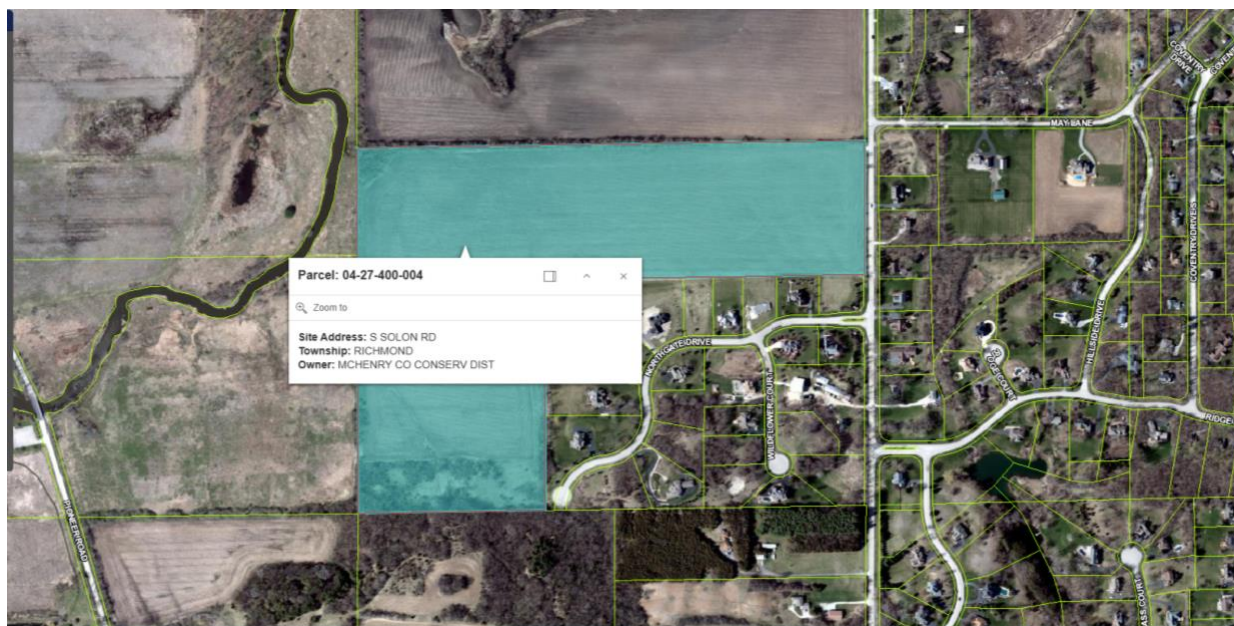
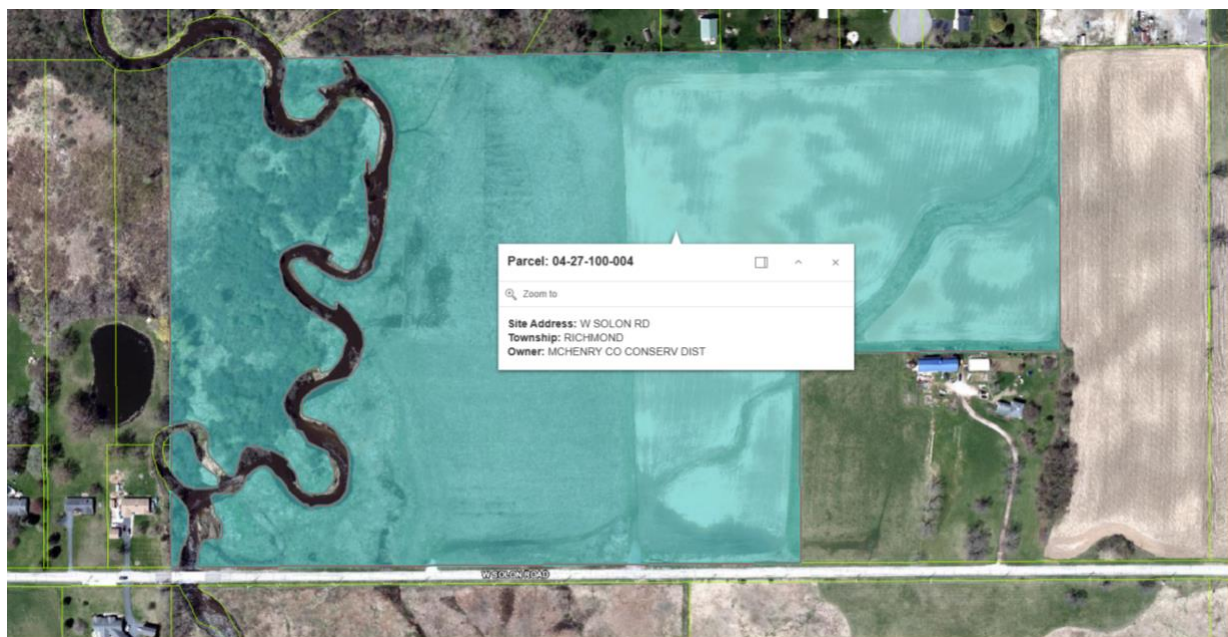
McHenry County Conservation District

By: _____

Elizabeth S. Kessler
Executive Director

Date: _____

Exhibit A





**NORTHERN MORAIN WASTEWATER RECLAMATION DISTRICT
UNPAID BILLS
AS OF AUGUST 08, 2025**

	Transaction				
	Date	type	Number / Description	Due date	Amount
ACCENT LANDSCAPE DESIGN	07/14/2025	Bill	Site Restoration	08/13/2025	2,660.00
	08/01/2025	Bill	July Mow	08/31/2025	3,260.00
Total ACCENT LANDSCAPE DESIGN					5,920.00
BLUECROSS BLUESHIELD OF ILLINOIS	07/25/2025	Credit	Health Insurance		20,789.19
Total BLUECROSS BLUESHIELD OF ILLINOIS					20,789.19
ADVANCED AUTOMATION & CONTROLS, INC	07/16/2025	Bill	SCADA	08/01/2025	3,720.00
	08/04/2025	Bill	SCADA	09/01/2025	1,920.00
Total ADVANCED AUTOMATION & CONTROLS, INC					5,640.00
AEP ENERGY	07/08/2025	Bill	3314 Burr Oak	07/18/2025	47.98
Total AEP ENERGY					47.98
AMAZON CAPITAL SERVICES	07/20/2025	Bill	Operating Supplies	08/19/2025	27.49
	08/04/2025	Bill	Safety Clothing	09/03/2025	43.98
Total AMAZON CAPITAL SERVICES					71.47
ASSOCIATED ELECTRICAL CONTRACTORS	07/28/2025	Bill	RAS Control Panel Wo	08/01/2025	1,638.00
Total ASSOCIATED ELECTRICAL CONTRACTORS					1,638.00
AT&T	07/11/2025	Bill	July Phone Bills	07/21/2025	1,313.43
Total AT&T					1,313.43
BHFX	07/16/2025	Bill	Plans Scans	08/15/2025	57.76
	08/04/2025	Bill	Plans Scans	09/03/2025	55.72
Total BHFX					113.48
BITSPEED CONSULTING, INC	06/30/2025	Bill	IT Support	07/30/2025	850.00
	07/31/2025	Bill	IT Support	08/30/2025	850.00
Total BITSPEED CONSULTING, INC					1,700.00
BLUECROSS BLUESHIELD OF ILLINOIS	07/18/2025	Bill	Life Insurance	07/31/2025	155.00
Total BLUECROSS BLUESHIELD OF ILLINOIS					155.00
BRIAN DAVIS	06/20/2025	Bill	Office Bldg Remodel	07/01/2025	1,400.00
	06/27/2025	Bill	Office Bldg Remodel	07/01/2025	1,400.00
Total BRIAN DAVIS					2,800.00
CE SOLING & ASSOCIATES, LLC	07/29/2025	Bill	Borger Pump	08/28/2025	857.00
Total CE SOLING & ASSOCIATES, LLC					857.00
CLARK BAIRD SMITH LLP	07/31/2025	Bill	Legal Services	08/30/2025	266.25
Total CLARK BAIRD SMITH LLP					266.25
COM ED	07/23/2025	Bill	Holiday Hills	09/21/2025	123.58
Total COM ED					123.58
COMCAST CABLE	07/28/2025	Bill	Internet Services	08/27/2025	545.19
Total COMCAST CABLE					545.19

CURRIE MOTORS FLEET				
	07/02/2025	Bill	F150 Ford Truck	07/12/2025 43,314.00
Total CURRIE MOTORS FLEET				43,314.00
DIRECT ENERGY				
	07/17/2025	Bill	Fenview Cir	08/16/2025 143.63
	07/28/2025	Bill	3390 Waterford	08/27/2025 355.80
	07/28/2025	Bill	420 Timber	08/27/2025 15,931.15
	07/28/2025	Bill	2900 Spruce	08/27/2025 150.06
	07/28/2025	Bill	100 Rawson	08/27/2025 317.73
	07/28/2025	Bill	243 Timber Trail	08/27/2025 288.89
	07/28/2025	Bill	243 Timber Trail	08/27/2025 147.87
	07/28/2025	Bill	230 South Shore	08/27/2025 132.75
	07/28/2025	Bill	3923 Hale Ln	08/27/2025 149.97
	07/28/2025	Bill	E Side Westridge Dr	08/27/2025 136.69
	07/28/2025	Bill	4320 Watersedge	08/27/2025 121.45
	07/28/2025	Bill	2629 Wisteria	08/27/2025 114.67
	07/28/2025	Bill	Fern & Poplar	08/27/2025 177.64
	07/28/2025	Bill	3440 Hale Lane	08/27/2025 146.74
	07/29/2025	Bill	Stone Road	08/28/2025 78.84
	07/30/2025	Bill	300 Herbert	08/29/2025 128.58
	07/30/2025	Bill	127 South Drive	08/29/2025 448.26
	07/30/2025	Bill	Darrell & Wagon	08/29/2025 189.42
	07/30/2025	Bill	100 S Lakeshore	08/29/2025 89.38
	07/30/2025	Bill	2285 Walnut	08/29/2025 135.50
	07/30/2025	Bill	500 Wegner	08/29/2025 341.14
	07/30/2025	Bill	532 Santa Barbara	08/29/2025 74.47
	07/31/2025	Bill	300 Venice	08/30/2025 141.86
	08/01/2025	Bill	27715 W Route 120	08/31/2025 163.74
Total DIRECT ENERGY				20,106.23
DUPAGE MAYORS AND MANAGERS CONFERENCE				
	07/21/2025	Bill	OFFICIALS WORKSHOP	07/31/2025 50.00
Total DUPAGE MAYORS AND MANAGERS CONFERENCE				50.00
ENVIRONMENTAL RESOURCE ASSOCIATES				
	07/30/2025	Bill	Lab Testing	08/29/2025 270.44
Total ENVIRONMENTAL RESOURCE ASSOCIATES				270.44
EOSULLIVAN CONSULTING				
	07/31/2025	Bill	Consulting	08/01/2025 3,750.00
Total EOSULLIVAN CONSULTING				3,750.00
FERGUSON				
	07/31/2025	Bill	Septage Receiving	08/01/2025 251.58
Total FERGUSON				251.58
FILIPPINI LAW FIRM, LLP				
	07/30/2025	Bill	Legal Fees	08/29/2025 4,638.00
Total FILIPPINI LAW FIRM, LLP				4,638.00
FOX VALLEY OPERATORS ASSN				
	07/18/2025	Bill	17th Annual	07/28/2025 360.00
Total FOX VALLEY OPERATORS ASSN				360.00
FSS TECHNOLOGIES, LLC				
	07/17/2025	Bill	Fire Alarm Mainte	07/27/2025 214.98
	07/17/2025	Bill	Fire Alarm Mainte	07/27/2025 337.86
Total FSS TECHNOLOGIES, LLC				552.84
GACRUX				
	08/01/2025	Bill	Cleaning Services	08/31/2025 478.80
Total GACRUX				478.80
GRAINGER				
	08/01/2025	Bill	Y Strainer	08/31/2025 220.33
Total GRAINGER				220.33
GRUNDFOS WATER UTILITY INC				
	07/22/2025	Bill	Lakemoor LS Upgrades	08/21/2025 17,300.00
Total GRUNDFOS WATER UTILITY INC				17,300.00
LUBE PLUS				
	07/16/2025	Bill	Oil Change	08/15/2025 141.17
Total LUBE PLUS				141.17

MAC STRATEGIES GROUP, INC.					
	08/04/2025	Bill	Public Relations	08/14/2025	2,000.00
Total MAC STRATEGIES GROUP, INC.					<u>2,000.00</u>
McGUIRE WOODS CONSULTING					
	07/10/2025	Bill	Consulting	08/09/2025	3,500.00
Total McGUIRE WOODS CONSULTING					<u>3,500.00</u>
MCHENRY COUNTY RECORDER OF DEEDS					
	07/31/2025	Bill	RECORDER OF LIENS	08/30/2025	63.95
Total MCHENRY COUNTY RECORDER OF DEEDS					<u>63.95</u>
MCMASTER CARR					
	07/24/2025	Bill	Small Tools	08/23/2025	40.98
	07/31/2025	Bill	Small Tools	08/30/2025	38.33
	07/31/2025	Bill	Septage Receiving St	08/30/2025	2,643.73
	08/01/2025	Bill	Office Building Remo	08/31/2025	361.41
	08/04/2025	Bill	Office Building Remo	09/03/2025	318.43
	08/05/2025	Bill	Septage Receiving St	09/04/2025	450.69
Total MCMASTER CARR					<u>3,853.57</u>
MENARDS - FOX LAKE					
	07/17/2025	Bill	Various	08/16/2025	170.79
	07/29/2025	Bill	Various	08/28/2025	82.66
Total MENARDS - FOX LAKE					<u>253.45</u>
MIDWEST POWER INDUSTRY, INC.					
	07/17/2025	Bill	Service Call	08/16/2025	1,356.75
Total MIDWEST POWER INDUSTRY, INC.					<u>1,356.75</u>
NICOR GAS					
	07/09/2025	Bill	106 S Lakeshore	07/19/2025	158.65
	07/10/2025	Bill	1532 Sunset Dr	07/20/2025	160.87
	07/11/2025	Bill	2301 Fen View Circle	07/21/2025	60.13
	07/11/2025	Bill	3923 Hale Ln	07/21/2025	59.87
	07/11/2025	Bill	206 Fern Dr	07/21/2025	60.13
	07/11/2025	Bill	3440 Hale Lane	07/21/2025	62.25
	07/11/2025	Bill	2285 Walnut	07/21/2025	60.13
	07/14/2025	Bill	27715 Rt 120	07/24/2025	62.75
	07/14/2025	Bill	316 Venice Rd	07/24/2025	61.92
	07/14/2025	Bill	127 South D	07/24/2025	235.59
	07/14/2025	Bill	3390 Waterford Way	07/24/2025	78.89
	07/14/2025	Bill	113 Timber	07/24/2025	56.85
	07/14/2025	Bill	100 Rawson Bridge Rd	07/24/2025	161.64
	07/14/2025	Bill	420 Timber	07/24/2025	170.54
	07/14/2025	Bill	2629 Wisteria Way	07/24/2025	165.90
	07/15/2025	Bill	500 Wegner Rd	07/25/2025	66.66
Total NICOR GAS					<u>1,682.77</u>
OLIVER MELCHER					
	08/07/2025	Bill	MILEAGE REIMBURSE	08/17/2025	91.70
Total OLIVER MELCHER					<u>91.70</u>
POLYDYNE INC					
	07/28/2025	Bill	Polymer	08/27/2025	12,283.38
Total POLYDYNE INC					<u>12,283.38</u>
PRIMO BRANDS					
	08/04/2025	Bill	Potable and Distille	08/14/2025	262.86
Total PRIMO BRANDS					<u>262.86</u>
QUADIENT					
	07/09/2025	Bill	Mailing	07/19/2025	205.88
Total QUADIENT					<u>205.88</u>
SHAW MEDIA					
	07/31/2025	Bill	Publishing	08/30/2025	47.66
Total SHAW MEDIA					<u>47.66</u>
SHERWIN-WILLIAMS CO INC					
	07/21/2025	Bill	Paint for Office Bui	07/31/2025	554.80
Total SHERWIN-WILLIAMS CO INC					<u>554.80</u>
SIGMA-ALDRICH					
	07/18/2025	Bill	LAB SUPPLIES	07/28/2025	117.30
Total SIGMA-ALDRICH					<u>117.30</u>

SUPERIOR PAVING, INC.					
	07/24/2025	Bill	ASPHALT PATCHES	08/03/2025	4,900.00
Total SUPERIOR PAVING, INC.					<u>4,900.00</u>
THIRD MILLENNIUM ASSOCIATES INC					
	07/31/2025	Bill	August Bills	08/10/2025	657.34
Total THIRD MILLENNIUM ASSOCIATES INC					<u>657.34</u>
TRINE CONSTRUCTION CORP.					
	08/07/2025	Bill	Holiday Hills		228,576.20
Total TRINE CONSTRUCTION CORP.					<u>228,576.20</u>
TROTTER AND ASSOCIATES, INC					
	06/29/2025	Bill	Engineering Services	07/09/2025	6,411.00
	06/29/2025	Bill	Kelley's Market	07/09/2025	1,140.00
	06/29/2025	Bill	Funding Assistance	07/09/2025	5,710.00
	06/29/2025	Bill	Blower Replacement	07/09/2025	16,110.50
	06/29/2025	Bill	GIS System	07/09/2025	1,118.75
	06/29/2025	Bill	Solar Project	07/09/2025	627.00
	06/29/2025	Bill	Holiday Hills - 2	07/09/2025	3,788.00
	06/29/2025	Bill	Woodman's car Wash	07/09/2025	1,289.00
Total TROTTER AND ASSOCIATES, INC					<u>36,194.25</u>
USA BLUEBOOK					
	08/01/2025	Credit	Lab Supplies		-171.30
	07/18/2025	Bill	Lab Supplies	08/17/2025	93.21
	08/01/2025	Bill	Lab Supplies	08/31/2025	126.64
	08/06/2025	Bill	Lab Supplies	09/05/2025	55.68
	08/06/2025	Bill	Lab Supplies	09/05/2025	93.57
Total USA BLUEBOOK					<u>197.80</u>
VERIZON					
	07/18/2025	Bill	Phone Services	08/17/2025	1,099.34
Total VERIZON					<u>1,099.34</u>
VILLAGE OF ISLAND LAKE					
	08/05/2025	Bill	Water Shut-Off/On	08/20/2025	200.00
Total VILLAGE OF ISLAND LAKE					<u>200.00</u>
WASTE MANAGEMENT					
	08/05/2025	Bill	Garbage & Recycling	09/04/2025	562.30
Total WASTE MANAGEMENT					<u>562.30</u>
WATER SOLUTIONS UNLIMITED					
	07/14/2025	Bill	Chemicals	08/01/2025	2,423.25
	08/05/2025	Bill	Chemicals	09/01/2025	2,505.50
Total WATER SOLUTIONS UNLIMITED					<u>4,928.75</u>
WAUCONDA CAR WASH					
	06/30/2025	Bill	CAR WASH	07/10/2025	34.99
Total WAUCONDA CAR WASH					<u>34.99</u>
WEX FLEET UNIVERSAL					
	07/23/2025	Bill	Fleet Fuel	08/22/2025	912.72
Total WEX FLEET UNIVERSAL					<u>912.72</u>
XYLEM WATER SOLUTIONS U.S.A., INC					
	07/14/2025	Bill	Vehicle Supplies	07/24/2025	60.41
Total XYLEM WATER SOLUTIONS U.S.A., INC					<u>60.41</u>
					<u>438,012.13</u>