



## **NORTHERN MORaine** **W R D**

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### **AGENDA** **REGULAR MEETING** **7:30 P.M. – December 15, 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 – November 10, 2025
  - b. Semi-Annual Executive Session Minutes Review
- 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. NACWA Environmental Achievement Award
  - b. Authorize Purchase of Used Vactor
  - c. Semi-Annual Strategic Plan Review
- 11. MISCELLANEOUS CORRESPONDENCE**
  - a. NMWRD Staff Holiday Party – Enterrium – Schaumburg, IL – Friday, December 19, 2025
- 12. APPROVAL OF BILLS**
- 13. OTHER BUSINESS**
  - a. Executive Session – Pending Litigation, Personnel, if needed
  - b. Personnel Matters

*Posted to [www.nmwrld.org](http://www.nmwrld.org) – December 12, 2025*



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# NORTHERN MORAIN WASTEWATER RECLAMATION DISTRICT

113 Timber Trail, Island Lake, Illinois 60042

## REGULAR MEETING MINUTES

November 10, 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 October 6, 2025

Motion by Trustee Brunn to approve the Regular Meeting minutes of October 6, 2025, as presented.

2nd by Trustee Ragland

5 ayes 0 nays 0 absent

### 5. TREASURER'S REPORT:

a. Approval of the Monthly Treasurer's Report for the month ending September 30, 2025

The Treasurer's Report was presented by Trustee Brunn.

Motion by Trustee Ragland to approve the Treasurer's Report for the month ending September 30, 2025, as presented.

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 abstain

**MOTION CARRIED**

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

7. **TRUSTEE REPORTS: None**

8. **LEGAL BUSINESS: None**



Northern Moraine Wastewater Reclamation District  
Regular Meeting Minutes  
November 10, 2025

**9. OLD BUSINESS: None**

**10. NEW BUSINESS:**

a. Agreement with Direct Energy Business for Electricity

Motion by Trustee Tellez to approve a Commodity Master Agreement with Direct Energy Business for Electricity.

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. Adoption of the 2025-2026 Tax Levy Ordinance

Motion by Trustee Brunn Adopt the 2025-26 Tax Levy Ordinance, setting the Levy at \$89,762.44.

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**

c. Approval of Employee Health Insurance Coverage Renewal

Motion by Trustee Brunn to accept the quote received from BlueCross BlueShield of Illinois for employee health insurance coverage and approve a resolution authorizing the District Manager to execute documents for employee health insurance coverage with BlueCross BlueShield of Illinois' P5E1PPO plan for the one year period beginning January 1, 2026 with a monthly premium of \$24,547.60, based on the quoted employee census and authorize the District Manager to approve additional premium fees of up to 10% due to personnel changes during the coverage period.

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**

**11. MISCELLANEOUS CORRESPONDENCE:**

a. MCCG Membership Meeting – DC Cobbs, Huntley – Wednesday, December 10, 2025



Northern Moraine Wastewater Reclamation District  
Regular Meeting Minutes  
November 10, 2025

**12. APPROVAL OF BILLS**

Motion by Trustee Brunn to approve payment of bills for November 10, 2025, as presented, in the amount of \$299,361.43.

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**

**13. OTHER BUSINESS: None**

**ADJOURNMENT**

Motion by President Michaels to adjourn the meeting at 7:53 p.m.

Unanimously approved on a voice vote





# Treasurer Report

As of October 31, 2025

## ASSETS

### Current Assets

#### Checking/Savings

1015 · Cash on Hand	250.00
1016 · Chase - Checking	1,073,833.11
1018 · Chase - Savings	490,001.87
1020 · First Mid Bank Trust	1,004,659.38
1060 · IL Epay Funds	47,431.21
1070 · JP Morgan Securities	
1082 · Certificates of Deposit	
1082bf · 1082bf HIGHLANDS CMNTY BK	100,000.00
1082bi · 1082bi MERRICK BANK	100,000.00
1082bj · 1082bj BRADESCO BAC FLA BK	100,000.00
1082bl · 1082bl BANK DEERFIELD	100,000.00
1082ba · 1082ba BANK AMERICA	100,000.00
Total 1082 · Certificates of Deposit	500,000.00
Total 1070 · JP Morgan Securities	500,000.00
Total Checking/Savings	3,116,175.57

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Kenneth A. Michaels, Jr. - President

Date

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Tim Brunn - Treasurer

Date

**NMWRD**  
**Profit & Loss Budget vs. Actual**  
**May through October 2025**

	May - Oct 25	Budget	\$ Over Budget	% of Budget
<b>Ordinary Income/Expense</b>				
<b>Income</b>				
4010 · Property Tax Income	88,898.07	90,000.00	-1,101.93	98.8%
4090 · Replacement Tax Income	1,253.66	5,000.00	-3,746.34	25.1%
4300 · Sewer Permit Income	900.00	2,000.00	-1,100.00	45.0%
4500 · Sewer Usage Income	1,713,126.59	3,371,650.00	-1,658,523.41	50.8%
4510 · Connection Fees	446,430.08	505,761.40	-59,331.32	88.3%
4520 · Penalty Income	56,221.86	95,000.00	-38,778.14	59.2%
4600 · Refund Income	97.71	500.00	-402.29	19.5%
4730 · Interest Income	29,146.72	20,000.00	9,146.72	145.7%
4900 · Miscellaneous Income	8,991.44	1,000.00	7,991.44	899.1%
4910 · Hauled Waste Income	139,753.40	110,000.00	29,753.40	127.0%
4930 · Engin. & Legal Rev. Fees	0.00	5,000.00	-5,000.00	0.0%
<b>Total Income</b>	<b>2,484,819.53</b>	<b>4,205,911.40</b>	<b>-1,721,091.87</b>	<b>59.1%</b>
<b>Gross Profit</b>	<b>2,484,819.53</b>	<b>4,205,911.40</b>	<b>-1,721,091.87</b>	<b>59.1%</b>
<b>Expense</b>				
5000 · Salaries	539,996.72	1,095,690.00	-555,693.28	49.3%
5010 · Payroll Tax Expense	38,395.00	83,470.00	-45,075.00	46.0%
5020 · Payroll Expenses-other	546.96	1,100.00	-553.04	49.7%
5030 · Employee Insurance	120,515.84	241,840.00	-121,324.16	49.8%
5040 · Trainings & Seminars	11,332.61	30,500.00	-19,167.39	37.2%
5050 · Clothing Allowance	105.00	3,400.00	-3,295.00	3.1%
5060 · IMRF Employer Contribution Exp	32,358.38	69,890.00	-37,531.62	46.3%
5110 · Maintenance-Buildings	43,406.19	45,500.00	-2,093.81	95.4%
5120 · Maintenance-Vehicles	5,329.00	13,000.00	-7,671.00	41.0%
5130 · Maintenance-Equipment	8,958.21	70,000.00	-61,041.79	12.8%
5140 · Maintenance-Utility System	50,971.54	101,000.00	-50,028.46	50.5%
5150 · Maintenance Supplies	453.13	3,000.00	-2,546.87	15.1%
5160 · Sludge Hauling	64,246.06	55,000.00	9,246.06	116.8%
5210 · Operating Supplies	3,047.98	8,000.00	-4,952.02	38.1%
5220 · Motor Fuel & Lube	7,413.30	14,000.00	-6,586.70	53.0%
5230 · Vehicle Supplies	366.29	2,100.00	-1,733.71	17.4%
5240 · Lab Supplies	7,896.57	15,000.00	-7,103.43	52.6%
5245 · Miscellaneous Equipment	49.12	2,000.00	-1,950.88	2.5%
5250 · Small Tools	40.98	1,200.00	-1,159.02	3.4%
5255 · Chemicals Expense	76,959.90	91,000.00	-14,040.10	84.6%
5260 · Safety Equipment	4,724.10	10,500.00	-5,775.90	45.0%
5320 · General Insurance	2,667.00	88,700.00	-86,033.00	3.0%
5330 · Telephone Expense	21,442.23	30,422.80	-8,980.57	70.5%
5360 · Utilities	123,297.28	210,500.00	-87,202.72	58.6%
5361 · Security System	4,503.60	11,300.00	-6,796.40	39.9%
5380 · Rentals	86.87	1,100.00	-1,013.13	7.9%
5390 · Travel Expense	4,004.37	4,500.00	-495.63	89.0%
5410 · Software Support	32,332.93	68,508.76	-36,175.83	47.2%
5420 · Accounting Service	927.00	13,500.00	-12,573.00	6.9%
5430 · Professional Lab Testing	3,931.56	8,000.00	-4,068.44	49.1%
5435 · Julie Locate Expense	326.05	3,500.00	-3,173.95	9.3%
5440 · Engineering Services	0.00	6,000.00	-6,000.00	0.0%
5450 · Legal Expenses	26,527.25	101,500.00	-74,972.75	26.1%

1:51 PM

12/05/25

Accrual Basis

# NMWRD

## Profit & Loss Budget vs. Actual

### May through October 2025

	May - Oct 25	Budget	\$ Over Budget	% of Budget
5460 · Permit Fees	883.15	18,000.00	-17,116.85	4.9%
5480 · Other Professional Services	88,087.08	159,600.00	-71,512.92	55.2%
5510 · Office Supplies	4,495.43	11,000.00	-6,504.57	40.9%
5520 · Postage	15,754.89	31,000.00	-15,245.11	50.8%
5530 · Website Expense	1,011.93	2,000.00	-988.07	50.6%
5540 · Printing & Publishing	5,470.45	9,300.00	-3,829.55	58.8%
5550 · Publications & Subscriptions	156.40	1,000.00	-843.60	15.6%
5560 · Membership Dues	3,956.08	10,380.00	-6,423.92	38.1%
5630 · Bank Service Charges	6,121.00	12,600.00	-6,479.00	48.6%
5640 · Interest Expense	39,461.56	39,174.00	287.56	100.7%
5710 · Miscellaneous Expense	8.11	500.00	-491.89	1.6%
5810 · Refunds	0.00	100.00	-100.00	0.0%
<b>Total Expense</b>	<b>1,402,565.10</b>	<b>2,799,375.56</b>	<b>-1,396,810.46</b>	<b>50.1%</b>
<b>Net Ordinary Income</b>	<b>1,082,254.43</b>	<b>1,406,535.84</b>	<b>-324,281.41</b>	<b>76.9%</b>
<b>Other Income/Expense</b>				
<b>Other Income</b>				
4810 · Bond Proceeds & Interest	0.00	9,198,572.00	-9,198,572.00	0.0%
4995 · Grants & Contributions	1,183,659.09	2,415,261.85	-1,231,602.76	49.0%
<b>Total Other Income</b>	<b>1,183,659.09</b>	<b>11,613,833.85</b>	<b>-10,430,174.76</b>	<b>10.2%</b>
<b>Other Expense</b>				
6010 · Office Equipment over \$500	1,667.96	6,500.00	-4,832.04	25.7%
6030 · Capitalized Treatment Upgrade	1,738,041.13	12,169,000.00	-10,430,958.87	14.3%
6040 · Bond Principal Payable	0.00	651,542.00	-651,542.00	0.0%
6070 · Building Improvements	0.00	0.00	0.00	0.0%
<b>Total Other Expense</b>	<b>1,739,709.09</b>	<b>12,827,042.00</b>	<b>-11,087,332.91</b>	<b>13.6%</b>
<b>Net Other Income</b>	<b>-556,050.00</b>	<b>-1,213,208.15</b>	<b>657,158.15</b>	<b>45.8%</b>
<b>Net Income</b>	<b>526,204.43</b>	<b>193,327.69</b>	<b>332,876.74</b>	<b>272.2%</b>

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



Project	Village	Developer	Escrow Start	Total Funding	Draws	Balance as of Dec. 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	\$ 1,250.00	Account Current
Woodman's Car Wash	LM	FoxArneson, Inc.	5/6/2025	\$ 3,750.00	3	\$ 1,250.00	Account Current
Cellular Sales	LM	GRH Holdings LLC	7/25/2025	\$ 2,500.00	2	\$ 790.00	Account Current
7 Brew	LM	Who Brew LLC	8/25/2025	\$ 2,500.00	1	\$ 1,645.00	Account Current
Roberts Road Solar Project	PB	Pivot Energy	10/30/2025	\$ 7,500.00	3	\$ 3,092.00	Account Current

<b>Total Funding for All Escrow Accounts to Date</b>	<b>\$94,311.82</b>
<i>**Since District re-established Escrow accounts in 2019.</i>	

**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	\$ 338.67	\$ 746.40	\$ (1,033.40)	\$ 10,483.33
4005785	2401 S Vaupell Drive	\$ 10,822.00	\$ 463.27	\$ 670.79	\$ (1,082.39)	\$ 10,358.73
4005793	2701 Holiday Drive	\$ 10,822.00	\$ 372.18	\$ 816.23	\$ (1,136.74)	\$ 10,449.82
4005802	3001 Holiday Drive	\$ 10,822.00	\$ 255.80	\$ 725.93	\$ (878.39)	\$ 10,508.77

<b>Total</b>	<b>\$ 43,288.00</b>	<b>\$ 1,429.92</b>	<b>\$ 2,959.35</b>	<b>\$ (4,130.92)</b>	<b>\$ 41,800.65</b>
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**NMWRD Sewer Connection Permit Tracking**  
**Darrell Road Special Connection Fee Collections**

\*Special Connection Fees Ordinance approved February 2020



	Permits Issued	Amount Paid
2020 Permits	14	\$ 45,472.00
2021 Permits	21	\$ 139,200.00
2022 Permits	50	\$ 171,216.00
2023 Permits	39	\$ 276,969.57
2024 Permits	36	\$ 77,983.26
2025 Permits	15	\$ 161,163.93
Total	175	\$ 872,004.76

Permit Date	Permit No.	Account No.	Address	City	Subdivision/ Business	Permit Owner	Amount Paid
5/20/2025	25R-004	5004146	437 Northlake Road	LM	Sampson Sex & Co Lily Lake	Sean Ryan	\$ 3,670.10
6/16/2025	25R-005	1601625	722 Dartmouth Drive	IL	Fox River Shores	Erick and Gloria Wenzlaff	\$ -
6/12/2025	25R-006	4005791	2605 Holiday Drive	HH	Holiday Hills	Drew and Debra Pristop	\$ 3,962.78
7/30/2025	25R-007	4005749	1508 Catalpa Drive	HH	Holiday Hills	Val and Jacqueline Valentino	\$ 3,962.78
8/22/2025	25R-008	180304401	3016 Raccoon Cove	IL	Rolling Oaks	Andrew Fahey	\$ -
8/22/2025	25R-009	150029401	412 Briar Rd	IL	Island Lake Estates	Michael and Joann Maggiore	\$ -
9/3/2025	25R-010	150004501	219 Brier Court	IL	East Section	Rebecca Behrendt	\$ -
9/15/2025	25C-011		27775 W IL Route 120	LM	Woodman's Food Market	Woodman's Food Market	\$ 93,974.26
7/3/2025	25C-012		3401 S River Rd	IL	Kelley's Market	Kelley Williamson Co	\$ 47,779.68
11/5/2025	25R-013	4005708	1208 Sunset Dr	HH	Holiday Hills	Russell E. Leszczynski and Michelle Leszczynski and Gary Leszczynski	\$ 3,962.78

**FY 2025-26 Total: \$ 157,312.38**



## Northern Moraine WRD Project Grant Tracking

Rev. December 1, 2025

Project	Year	Program	Agency	Grant Requested	Expected Grant Amount	Project Amount	Date Applied	Status
Darrell Road Phase 1A	2025	FY 2026 Interior, Environment, and Related Agencies Appropriations Act	U.S. House Representative Bill Foster	\$5,000,000.00	\$1,092,000	\$5,000,000.00	4/17/2025	Recommended for Congressional Approval
Holiday Hills Sanitary Sewer Extension	2025	FY2026 Interior, Environment, and Related Agencies Appropriations Act	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 – 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 – Holiday Hills / Le Villa Vaupell (Phase 2)	2022	FY 2023 Interior, Environment, and Related Agencies Appropriations Act	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 – 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 – 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 – 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
<b>Expected Grant Amount Total</b>					<b>\$12,085,716</b>			

<b>Expected Grants</b>	<b>5</b>
<b>Fully Disbursed Grants</b>	<b>5</b>
<b>TOTAL GRANTS SINCE 2020</b>	<b>10</b>

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	\$1,635,316.45	\$364,683.55
WWTF Emergency Power Systems Replacement	\$250,000.00	\$116,800.00	\$133,200.00
<b>Total</b>	<b>\$4,846,364.00</b>	<b>\$4,348,480.45</b>	<b>\$497,883.55</b>



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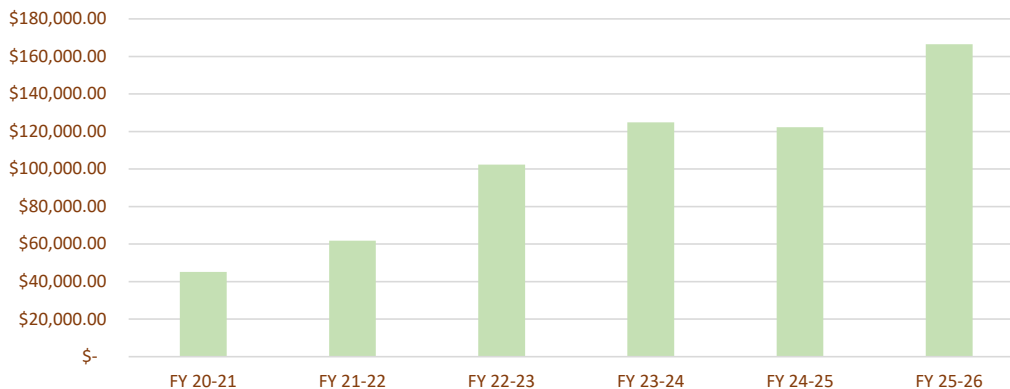
**Northern Moraine WRD - Septage Receiving Tracking**  
**FY 2025-2026**



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	82	282,130	\$18,968.60	\$6,063.05	313%
Sep-25	108	378,806	\$25,180.40	\$5,616.80	448%
Oct-25	116	408,701	\$27,060.60	\$12,971.00	209%
Nov-25	115	401,401	\$26,679.80	\$8,443.05	316%
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%
<b>Total</b>	<b>719</b>	<b>2,509,314</b>	<b>\$166,433.20</b>	<b>\$122,332.00</b>	<b>136%</b>

	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
Fiscal Year 2025-2026	719	\$ 166,433.20

**Septage Income Chart**



	Date	Company Name	Gallons	Cost/Gal	Revenue	Time		Type
Nov-25	11/03/2025	WEIDNER'S SEPTIC SERVICE, INC.	2850	Flat Rate	\$ 238.00	2:50	PM	Septic
	11/03/2025	WEIDNER'S SEPTIC SERVICE, INC.	3700	Flat Rate	\$ 238.00	12:27	PM	Septic
	11/03/2025	WEIDNER'S SEPTIC SERVICE, INC.	3700	Flat Rate	\$ 238.00	12:00	PM	Septic
	11/03/2025	HELMER SEPTIC	3400	Flat Rate	\$ 238.00	10:00	AM	Septic
	11/03/2025	WEIDNER'S SEPTIC SERVICE, INC.	3800	Flat Rate	\$ 238.00	9:30	AM	Septic
	11/03/2025	WEIDNER'S SEPTIC SERVICE, INC.	3850	Flat Rate	\$ 238.00	9:13	AM	Septic
	11/04/2025	WEIDNER'S SEPTIC SERVICE, INC.	3500	Flat Rate	\$ 238.00	11:55	AM	Septic
	11/04/2025	WEIDNER'S SEPTIC SERVICE, INC.	3400	Flat Rate	\$ 238.00	9:30	AM	Septic
	11/04/2025	WEIDNER'S SEPTIC SERVICE, INC.	3850	Flat Rate	\$ 238.00	3:29	PM	Septic
	11/04/2025	WEIDNER'S SEPTIC SERVICE, INC.	3700	Flat Rate	\$ 238.00	3:00	PM	Septic
	11/05/2025	HELMER SEPTIC	3450	Flat Rate	\$ 238.00	1:45	PM	Septic
	11/05/2025	WEIDNER'S SEPTIC SERVICE, INC.	3300	Flat Rate	\$ 238.00	12:45	PM	Septic
	11/06/2025	HELMER SEPTIC	3600	Flat Rate	\$ 238.00	10:55	AM	Septic
	11/06/2025	HELMER SEPTIC	4000	Flat Rate	\$ 238.00	2:25	PM	Septic
	11/06/2025	HELMER SEPTIC	3250	Flat Rate	\$ 238.00	8:30	AM	Septic
	11/06/2025	WEIDNER'S SEPTIC SERVICE, INC.	3300	Flat Rate	\$ 238.00	4:25	PM	Septic
	11/06/2025	WEIDNER'S SEPTIC SERVICE, INC.	3600	Flat Rate	\$ 238.00	4:10	PM	Septic
	11/06/2025	WEIDNER'S SEPTIC SERVICE, INC.	3800	Flat Rate	\$ 238.00	9:50	PM	Septic
	11/06/2025	WEIDNER'S SEPTIC SERVICE, INC.	3350	Flat Rate	\$ 214.20	2:55	PM	Septic
	11/07/2025	HELMER SEPTIC	4000	Flat Rate	\$ 238.00	1:05	PM	Septic
	11/07/2025	WEIDNER'S SEPTIC SERVICE, INC.	3800	Flat Rate	\$ 238.00	9:35	AM	Septic
	11/07/2025	WEIDNER'S SEPTIC SERVICE, INC.	3400	Flat Rate	\$ 238.00	1:00	AM	Septic
	11/07/2025	WEIDNER'S SEPTIC SERVICE, INC.	3400	Flat Rate	\$ 238.00	5:10	PM	Septic
	11/07/2025	WEIDNER'S SEPTIC SERVICE, INC.	2000	Flat Rate	\$ 214.20	4:24	PM	Septic
	11/07/2025	WEIDNER'S SEPTIC SERVICE, INC.	3000	Flat Rate	\$ 214.20	3:35	PM	Septic
	11/10/2025	HELMER SEPTIC	3100	Flat Rate	\$ 238.00	9:45	AM	Septic
	11/10/2025	HELMER SEPTIC	3936	Flat Rate	\$ 238.00	12:40	PM	Septic
	11/10/2025	WEIDNER'S SEPTIC SERVICE, INC.	3000	Flat Rate	\$ 214.20	10:35	AM	Septic
	11/10/2025	WEIDNER'S SEPTIC SERVICE, INC.	3000	Flat Rate	\$ 214.20	2:15	PM	Septic
	11/10/2025	WEIDNER'S SEPTIC SERVICE, INC.	3800	Flat Rate	\$ 238.00	9:45	AM	Septic
	11/10/2025	WEIDNER'S SEPTIC SERVICE, INC.	3500	Flat Rate	\$ 238.00	12:08	PM	Septic
	11/11/2025	WEIDNER'S SEPTIC SERVICE, INC.	3350	Flat Rate	\$ 214.20	2:25	PM	Septic
	11/11/2025	HELMER SEPTIC	3700	Flat Rate	\$ 238.00	10:05	AM	Septic
	11/11/2025	HELMER SEPTIC	3650	Flat Rate	\$ 238.00	8:50	AM	Septic
	11/11/2025	HELMER SEPTIC	3450	Flat Rate	\$ 238.00	11:00	AM	Septic
	11/11/2025	HELMER SEPTIC	3700	Flat Rate	\$ 238.00	2:10	PM	Septic
	11/11/2025	WEIDNER'S SEPTIC SERVICE, INC.	3350	Flat Rate	\$ 214.20	9:33	AM	Septic
	11/11/2025	WEIDNER'S SEPTIC SERVICE, INC.	3800	Flat Rate	\$ 238.00	12:05	PM	Septic
	11/11/2025	WEIDNER'S SEPTIC SERVICE, INC.	3800	Flat Rate	\$ 238.00	9:25	AM	Septic
	11/11/2025	WEIDNER'S SEPTIC SERVICE, INC.	3600	Flat Rate	\$ 238.00	2:05	PM	Septic
	11/11/2025	ARROW SEPTIC & SEWER	3500	Flat Rate	\$ 214.20	10:35	AM	Septic
	11/12/2025	HELMER SEPTIC	3250	Flat Rate	\$ 238.00	10:05	AM	Septic
	11/12/2025	HELMER SEPTIC	3450	Flat Rate	\$ 238.00	1:35	PM	Septic
	11/12/2025	WEIDNER'S SEPTIC SERVICE, INC.	3750	Flat Rate	\$ 214.20	1:15	PM	Septic
	11/12/2025	WEIDNER'S SEPTIC SERVICE, INC.	3800	Flat Rate	\$ 238.00	2:40	PM	Septic
	11/13/2025	WEIDNER'S SEPTIC SERVICE, INC.	3700	Flat Rate	\$ 238.00	9:55	AM	Septic
	11/13/2025	WEIDNER'S SEPTIC SERVICE, INC.	3000	Flat Rate	\$ 214.20	11:00	AM	Septic
	11/13/2025	WEIDNER'S SEPTIC SERVICE, INC.	3800	Flat Rate	\$ 238.00	2:30	PM	Septic
	11/13/2025	WEIDNER'S SEPTIC SERVICE, INC.	3750	Flat Rate	\$ 238.00	2:10	PM	Septic
	11/14/2025	WEIDNER'S SEPTIC SERVICE, INC.	3800	Flat Rate	\$ 238.00	12:40	PM	Septic
	11/14/2025	HELMER SEPTIC	3500	Flat Rate	\$ 238.00	11:55	AM	Septic
	11/14/2025	HELMER SEPTIC	3250	Flat Rate	\$ 238.00	10:10	AM	Septic
	11/14/2025	WEIDNER'S SEPTIC SERVICE, INC.	3500	Flat Rate	\$ 238.00	9:45	AM	Septic
	11/14/2025	COMMUNITY SEWER & SEPTIC	3000	Flat Rate	\$ 190.40	9:14	AM	Septic
	11/14/2025	WEIDNER'S SEPTIC SERVICE, INC.	3500	Flat Rate	\$ 238.00	1:20	PM	Septic
	11/14/2025	WEIDNER'S SEPTIC SERVICE, INC.	3700	Flat Rate	\$ 238.00	12:00	PM	Septic
	11/14/2025	WEIDNER'S SEPTIC SERVICE, INC.	3500	Flat Rate	\$ 238.00	4:30	PM	Septic
	11/15/2025	WEIDNER'S SEPTIC SERVICE, INC.	3600	Flat Rate	\$ 238.00	9:20	AM	Septic
	11/15/2025	WEIDNER'S SEPTIC SERVICE, INC.	3500	Flat Rate	\$ 238.00	8:00	AM	Septic
	11/15/2025	WEIDNER'S SEPTIC SERVICE, INC.	3350	Flat Rate	\$ 214.20	7:30	AM	Septic
	11/15/2025	WEIDNER'S SEPTIC SERVICE, INC.	3850	Flat Rate	\$ 238.00	7:20	AM	Septic
	11/15/2025	WEIDNER'S SEPTIC SERVICE, INC.	3000	Flat Rate	\$ 214.20	7:05	AM	Septic
	11/15/2025	WEIDNER'S SEPTIC SERVICE, INC.	3500	Flat Rate	\$ 238.00	0.638889	AM	Septic

Nov-25	11/17/2025	WEIDNER'S SEPTIC SERVICE, INC.	3850	Flat Rate	\$ 238.00	9:40	AM	Septic
	11/17/2025	WEIDNER'S SEPTIC SERVICE, INC.	3000	Flat Rate	\$ 214.20	10:00	AM	Septic
	11/17/2025	HELMER SEPTIC	4000	Flat Rate	\$ 238.00	10:10	AM	Septic
	11/17/2025	HELMER SEPTIC	3610	Flat Rate	\$ 238.00	11:20	AM	Septic
	11/17/2025	WEIDNER'S SEPTIC SERVICE, INC.	3500	Flat Rate	\$ 238.00	11:40	AM	Septic
	11/17/2025	WEIDNER'S SEPTIC SERVICE, INC.	3850	Flat Rate	\$ 238.00	1:35	PM	Septic
	11/17/2025	WEIDNER'S SEPTIC SERVICE, INC.	3800	Flat Rate	\$ 238.00	9:20	AM	Septic
	11/17/2025	WEIDNER'S SEPTIC SERVICE, INC.	3700	Flat Rate	\$ 238.00	2:30	PM	Septic
	11/17/2025	WEIDNER'S SEPTIC SERVICE, INC.	3850	Flat Rate	\$ 238.00	3:40	PM	Septic
	11/18/2025	WEIDNER'S SEPTIC SERVICE, INC.	3500	Flat Rate	\$ 238.00	1:35	PM	Septic
	11/18/2025	ARROW SEPTIC & SEWER	3500	Flat Rate	\$ 214.20	1:15	PM	Septic
	11/18/2025	WEIDNER'S SEPTIC SERVICE, INC.	3500	Flat Rate	\$ 238.00	12:50	PM	Septic
	11/18/2025	HELMER SEPTIC	3100	Flat Rate	\$ 238.00	10:15	AM	Septic
	11/18/2025	WEIDNER'S SEPTIC SERVICE, INC.	3700	Flat Rate	\$ 238.00	9:40	AM	Septic
	11/18/2025	WEIDNER'S SEPTIC SERVICE, INC.	3000	Flat Rate	\$ 238.00	8:00	AM	Septic
	11/18/2025	COMMUNITY SEWER & SEPTIC	3000	Flat Rate	\$ 190.40	11:55	AM	Septic
	11/18/2025	COMMUNITY SEWER & SEPTIC	3000	Flat Rate	\$ 190.40	8:27	AM	Septic
	11/19/2025	WEIDNER'S SEPTIC SERVICE, INC.	3250	Flat Rate	\$ 238.00	2:20	PM	Septic
	11/19/2025	HELMER SEPTIC	3375	Flat Rate	\$ 238.00	9:15	AM	Septic
	11/19/2025	WEIDNER'S SEPTIC SERVICE, INC.	3000	Flat Rate	\$ 214.20	9:35	AM	Septic
	11/19/2025	HELMER SEPTIC	3100	Flat Rate	\$ 238.00	10:10	AM	Septic
	11/19/2025	WEIDNER'S SEPTIC SERVICE, INC.	3600	Flat Rate	\$ 238.00	9:50	AM	Septic
	11/19/2025	WEIDNER'S SEPTIC SERVICE, INC.	3700	Flat Rate	\$ 238.00	12:20	PM	Septic
	11/19/2025	HELMER SEPTIC	3350	Flat Rate	\$ 214.20	7:55	AM	Septic
	11/19/2025	HELMER SEPTIC	3380	Flat Rate	\$ 238.00	12:30	PM	Septic
	11/20/2025	WEIDNER'S SEPTIC SERVICE, INC.	3800	Flat Rate	\$ 238.00	12:30	PM	Septic
	11/20/2025	HELMER SEPTIC	3100	Flat Rate	\$ 238.00	10:20	AM	Septic
	11/20/2025	WEIDNER'S SEPTIC SERVICE, INC.	3600	Flat Rate	\$ 238.00	9:15	AM	Septic
	11/20/2025	WEIDNER'S SEPTIC SERVICE, INC.	3000	Flat Rate	\$ 214.20	10:55	AM	Septic
	11/21/2025	HELMER SEPTIC	4000	Flat Rate	\$ 238.00	10:15	AM	Septic
	11/21/2025	WEIDNER'S SEPTIC SERVICE, INC.	3000	Flat Rate	\$ 214.20	9:50	AM	Septic
	11/21/2025	WEIDNER'S SEPTIC SERVICE, INC.	3300	Flat Rate	\$ 214.20	12:20	PM	Septic
	11/21/2025	HELMER SEPTIC	3950	Flat Rate	\$ 238.00	7:45	AM	Septic
	11/21/2025	HELMER SEPTIC	3600	Flat Rate	\$ 238.00	8:55	AM	Septic
	11/21/2025	WEIDNER'S SEPTIC SERVICE, INC.	3800	Flat Rate	\$ 238.00	11:35	AM	Septic
	11/21/2025	WEIDNER'S SEPTIC SERVICE, INC.	3000	Flat Rate	\$ 214.20	11:50	AM	Septic
	11/21/2025	HELMER SEPTIC	4000	Flat Rate	\$ 238.00	6:35	AM	Septic
	11/24/2025	WEIDNER'S SEPTIC SERVICE, INC.	3500	Flat Rate	\$ 238.00	2:30	PM	Septic
	11/24/2025	HELMER SEPTIC	3650	Flat Rate	\$ 238.00	9:40	AM	Septic
	11/24/2025	WEIDNER'S SEPTIC SERVICE, INC.	3800	Flat Rate	\$ 238.00	9:30	AM	Septic
	11/25/2025	WEIDNER'S SEPTIC SERVICE, INC.	3850	Flat Rate	\$ 238.00	6:10	AM	Septic
	11/25/2025	WEIDNER'S SEPTIC SERVICE, INC.	3850	Flat Rate	\$ 238.00	2:20	PM	Septic
	11/25/2025	WEIDNER'S SEPTIC SERVICE, INC.	3800	Flat Rate	\$ 238.00	1:30	PM	Septic
	11/25/2025	WEIDNER'S SEPTIC SERVICE, INC.	3400	Flat Rate	\$ 238.00	10:40	AM	Septic
	11/25/2025	HELMER SEPTIC	3450	Flat Rate	\$ 238.00	9:40	AM	Septic
	11/25/2025	HELMER SEPTIC	3250	Flat Rate	\$ 238.00	9:30	AM	Septic
	11/26/2025	HELMER SEPTIC	3150	Flat Rate	\$ 238.00	1:40	PM	Septic
	11/26/2025	WEIDNER'S SEPTIC SERVICE, INC.	3700	Flat Rate	\$ 238.00	1:00	PM	Septic
	11/26/2025	ARROW SEPTIC & SEWER	2750	Flat Rate	\$ 214.20	11:55	AM	Septic
	11/26/2025	COMMUNITY SEWER & SEPTIC	3000	Flat Rate	\$ 190.40	10:52	AM	Septic
	11/26/2025	HELMER SEPTIC	4000	Flat Rate	\$ 238.00	10:30	AM	Septic
	11/26/2025	WEIDNER'S SEPTIC SERVICE, INC.	3600	Flat Rate	\$ 238.00	9:25	AM	Septic

NMWRD Service Connection Permit Tracking  
FY 2025-26



Permit Date	Permit No.	Account No.	Address	City	Subdivision/ Business	Re-Connect, Repair, Demo or New Connection	Permit Owner	Connection/ Inspection Fee	Darrell Road Special Connection Fee
5/20/2025	25R-004	5004146	437 Northlake Road	LM	Sampson Sex & Co Lily Lake	Reconnection	Sean Ryan	\$ 188.24	\$ 3,670.10
6/16/2025	25R-005	1601625	722 Dartmouth Drive	IL	Fox River Shores	Repair	Erick and Gloria Wenzlaff	\$ 100.00	\$ -
6/12/2025	25R-006	4005791	2605 Holiday Drive	HH	Holiday Hills	New Connection	Drew and Debra Pristop	\$ 7,674.00	\$ 3,962.78
7/30/2025	25R-007	4005749	1508 Catalpa Drive	HH	Holiday Hills	New Connection	Val and Jacqueline Valentino	\$ 7,674.00	\$ 3,962.78
8/22/2025	25R-008	180304401	3016 Raccoon Cove	IL	Rolling Oaks	Repair	Andrew Fahey	\$ 100.00	\$ -
8/22/2025	25R-009	150029401	412 Briar Rd	IL	Island Lake Estates	Repair	Michael and Joann Maggiore	\$ 100.00	\$ -
9/3/2025	25R-010	150004501	219 Brier Court	IL	East Section	Repair	Rebecca Behrendt	\$ 100.00	\$ -
9/15/2025	25C-011		27775 W IL Route 120	LM	Woodman's Car Wash 2	New Connection	Woodman's Food Market	\$ 178,845.00	\$ 93,974.26
7/3/2025	25C-012		3401 S River Rd	IL	Kelley's Market	New Connection	Kelley Williamson Co	\$ 91,420.80	\$ 47,779.68
11/5/2025	25R-013	4005708	1208 Sunset Dr	HH	Holiday Hills	New Connection	Russell E. Leszczynski and Michelle Leszczynski and Gary Leszczynski	\$ 7,674.00	\$ 3,962.78

	Standard Connections	Darrell Road Connections
<b>FY 2025 - 2026 Total:</b>	\$ 301,550.04	\$ 161,275.16
<b>Approved Budget FY 2025 - 2026</b>	\$ 367,064.10	\$ 138,697.30
<b>Approved +/- vs. Current YTD</b>	\$ (65,514.06)	\$ 22,577.86



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## **NMWRD Operations Report**

**Date:** December 12<sup>th</sup>, 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. As of today, we have successfully integrated all Holiday Hills and Lakemoor Lift Stations into SCADA, bringing the number of stations connected to SCADA to nine (9). For the time being, stations are communicating with our SCADA command center via cellular service. Noteworthy upgrades achieved through November include wrap up of the chemical building conduit and wiring work that was performed by Associated Electric and also include AAC starting with tie-in and integration of the chemical building control wiring. This includes monitoring and alarming for the oxidation ditch, secondary clarifiers, effluent flow metering, chlorine contact tank, and chemical building panels and equipment. District staff discussed the radio study in November and we are leaning towards moving to more cellular based telemetry and only relying on radio telemetry where it makes sense. This change in direction was prompted due to access concerns for radio systems paired with the high capital costs needed to implement a system-wide radio telemetry system. More updates will be provided as discussions continue. Continued SCADA work will be performed over the foreseeable future. More information will be provided on next month's Operations Report.

### **NPDES Permit Renewal:**

As of October 1<sup>st</sup>, 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 continues to improve infrastructure associated with our hauled waste program with the implementation of 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 from the inception of the District's hauled waste program. The intent remains 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. To date, the septage screener is fully assembled. P.O.s have been issued for the Elemech POS kiosk/software, hydrant installation and electrical to bring the flowmeter online. We have shifted gears and anticipate allowing haulers to utilize the new station in early Spring after the kiosk is online and new hydrant is online. More information will be provided on next month's Operations Report.

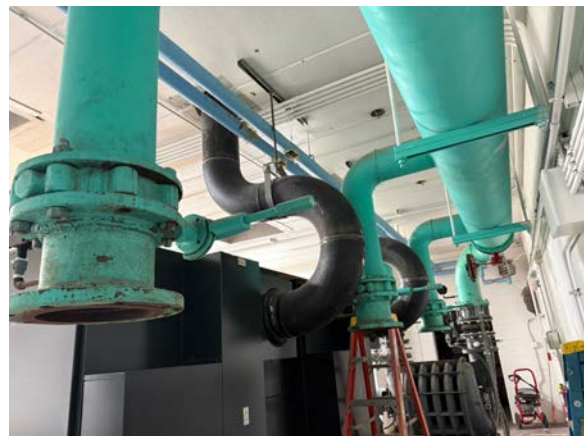


### **WWTP Blower Upgrades:**

*[Project Update]* – Through the month of November, continued progress was made on the blower upgrade project. To date, all three (3) Lamson blowers, associated equipment pads, and associated controls have been demolished, a new equipment pad has been poured for the new Kaeser blowers, and we have two (2) blowers on site along with one (1) VFD. Once the second VFD was delivered in late November, we then had all District provided equipment on-site and shifted to getting contractors lined up to start/resume their work. Fresh off getting the new Kaeser blowers, Dahme Mechanical returned in early December to start installing new piping. This work is ongoing and expected to continue through next week. We expect the electrician, Associated Electric, to start over the next 1-2 weeks. Final items that we are still squaring away includes lining up a roofing contractor to clean up the penetrations from the old roof-mounted filters to accommodate the installation of the new roof-mounted Stoddard filters/silencers and also include final integration and tie-in to the District's SCADA. Continued work is expected to be performed over the next 1-2 months. More information will be provided on next month's Operations Report.



New discharge piping for Kaeser blower #2



New discharge piping for Kaeser blowers #1 and #2

### **Lakemoor Lift Station 6 Wet Well Rehabilitation**

*[Project Update]* – The decision was made to delay this project due to the projected winter conditions. We will look to pick this project back up in the spring.

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This project update section will track the wet well rehabilitation project for our Lakemoor Lift Station No. 6. Recall that during the Lakemoor Lift Stations No. 1 and No. 6 project from approximately 2 years ago, the District attempted to have the steel wet well at our Lakemoor LS6 sand blasted and re-painted as part of the public bid. The contractor who was to perform the sand blasting notified us that pinholes were developing after attempting to sand blast the interior of the steel wet well, and as such, the District halted that scope of the project. Around 1 year later (i.e. approximately 1 year ago), a larger pinhole developed at the lower third of the wet well that was allowing for a small amount of groundwater infiltration to enter into the wet well. At that time, the District decided to opt for a short-term repair before moving forward with a long-term rehabilitation solution. Recall the short-term solution pursued to repair the hole 1 year ago was an Enecon steel patch option.







This repair has held up well and we are now ready to pursue the agreed upon long-term solution. Recall the Board already approved the long-term structural rehabilitation of the steel wet well about 1 year ago by issuing a P.O. to HK Solutions to move forward with rehabilitation in the form of pouring a 6" concrete form and then an HDPE liner to rehabilitate the wet well and extend the useful life of this critical infrastructure. We are gearing up to proceed with this project over the coming weeks. The proposed sequence is as follows. At start of project, have United Rentals setup the bypass of the wet well. We expect the full duration of the bypass to last 3 weeks. After the bypass is setup, Trine Construction will mobilize to cut away the existing steel lid to allow for metals to be removed from the wet well while also allowing more surface area for HK Solutions to perform their concrete work. After the wet well metals are removed, HK Solutions would mobilize to perform their work. Once all concrete and liner work is completed, the wet well metals can be re-installed after some rail adjustments are completed. Final scope at that point would have Trine return to set the new concrete lid while also prepping the surrounding areas with appropriate concrete base to support the new load of the concrete lid. The District will look to finalize any trailing P.O.s for the aforementioned scope over the next week while also targeting a pre-construction meeting between all parties in the next week as well. More information will be provided on next month's Operations Report.

#### **Miscellaneous Projects/Updates:**

As always, there were a few miscellaneous projects completed in November. Follow-up to last month's report with an update on the IDOT Rt. 176 resurfacing project. The District issued a P.O. to have Bartnick Construction handle all adjustments with the District directly purchasing all replacement frames and associated adjustment rings, ez-stick, and chimney seals. Although the District was ready to proceed with the work, IDOT delayed the project in late October due to weather concerns. We expect to hear from the General Contractor in the Spring when the project resumes, at which point we will proceed with our work. Follow-up on the cathodic protection reporting from last month, we are near completion for the full buildout of the capital install but we are currently awaiting electrical startup and training which is scheduled for next week. Lastly, I would be remiss not to mention the wonderful operator response to the winter snowstorms that hit our plant over the last month. We had two notable snowstorm events both equating to about a foot of snow, paired with frigid temps. The crew handled any and all cold-weather related issues perfectly and we had zero slipups at the plant nor in the collection system!

#### **COVID Surveillance Data:**

The District did not receive October data for surveillance sampling and testing for SARS-COV-2, Influenza A & B, and RSV tracking. The October data is provided below and we will provide the November data on next month's Operations Report, assuming we receive from U of I team.





## NORTHERN MORAINE W R D

# NORTHERN MORAINE WW RECLAMATION DIST WWTP Wastewater Report, October 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.

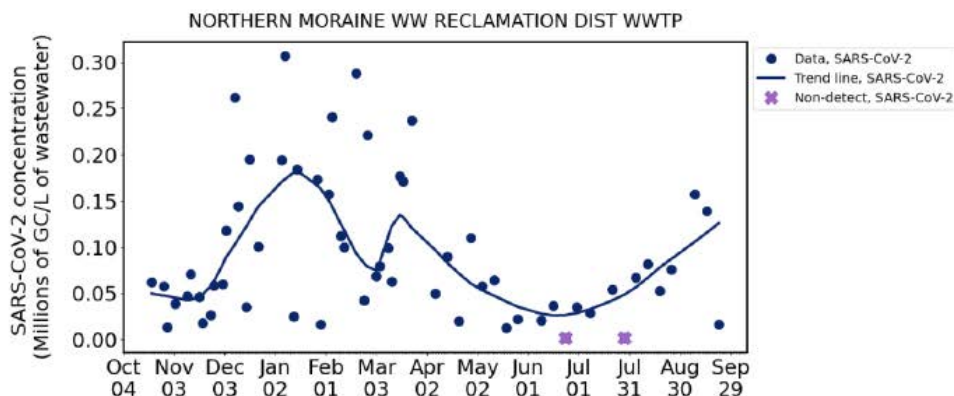


Figure 1. Time series plot of SARS-CoV-2 viral concentrations in millions of gene copies per liter (GC/L) of wastewater. Historical data can be found on the IWSS dashboard, link above.

### SARS-CoV-2 SAMPLING RESULTS - LAST 8 SAMPLES

Date	SARS-CoV-2 (GC/L)		
2025-09-22	16,125	2025-09-15	139,275
		2025-09-08	157,500
		2025-08-25	76,125
		2025-08-18	52,950
		2025-08-11	81,375
		2025-08-04	67,500
		2025-07-28	Non-detect



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## NORTHERN MORaine W R D

### SARS-CoV-2 LINEAGES IN WASTEWATER

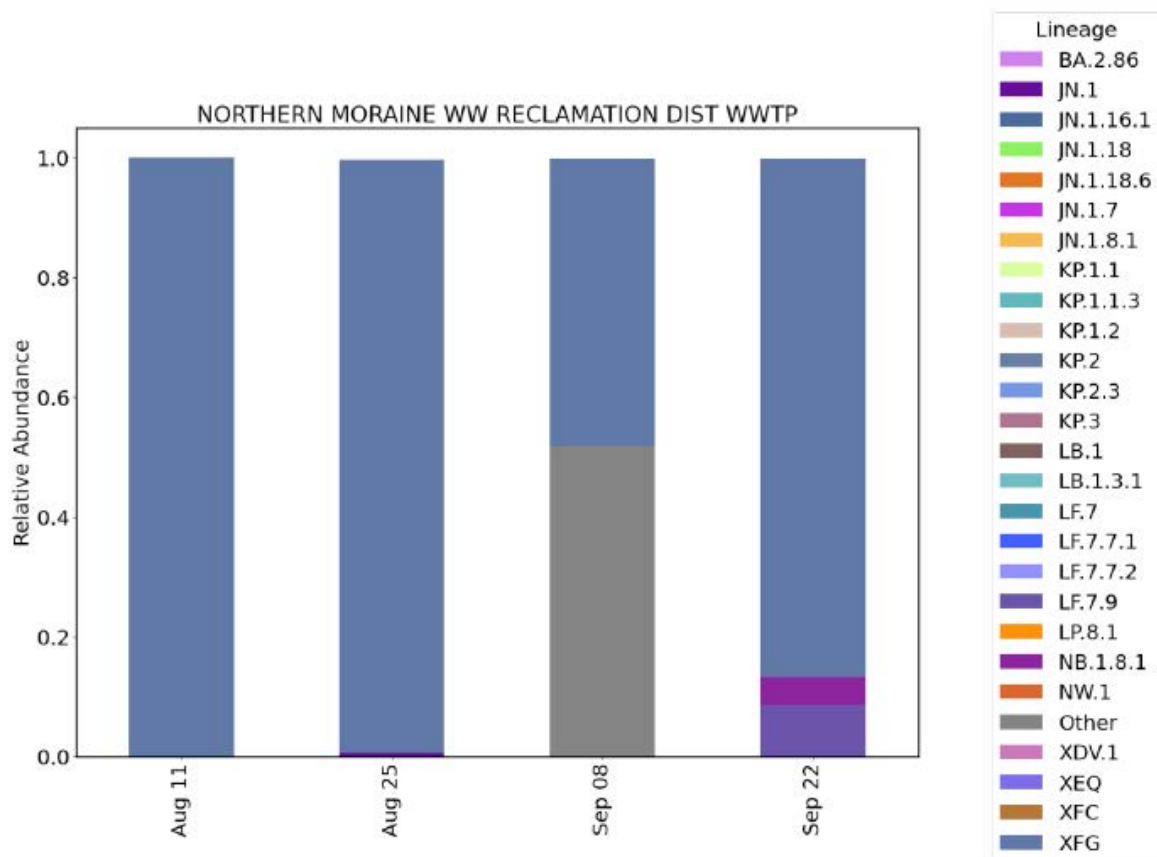


Figure 2. Stacked barplot showing the relative abundances of SARS-CoV-2 lineages in wastewater samples. All lineages in the legend, excluding "Other," are associated with Omicron. The most recently available two months worth of data are shown.





## NORTHERN MORAIN W R D

### 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.

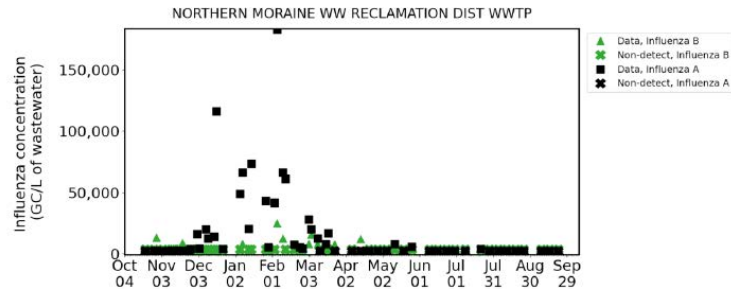


Figure 3. Time series plot of Influenza A/B viral concentrations in gene copies per liter (GC/L) of wastewater. Historical data can be found on the IWSS dashboard, link above.

### INFLUENZA A/B SAMPLING RESULTS - LAST 8 SAMPLES

Date	Influenza A (GC/L)	Influenza B (GC/L)
2025-09-22	Non-detect	Non-detect
2025-09-15	Non-detect	Non-detect
2025-09-08	Non-detect	Non-detect
2025-08-25	Non-detect	Non-detect
2025-08-18	Non-detect	Non-detect
2025-08-11	Non-detect	Non-detect
2025-08-04	Non-detect	Non-detect
2025-07-28	Non-detect	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.

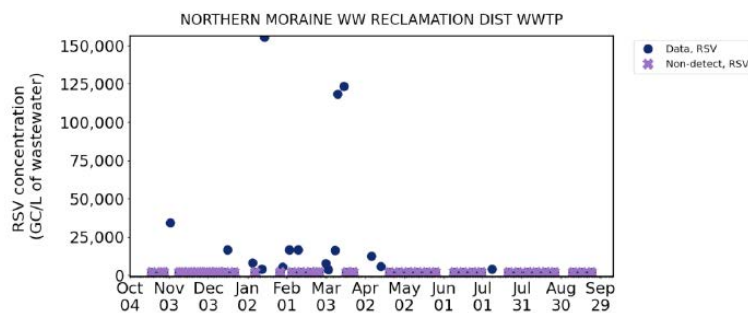


Figure 4. Time series plot of RSV viral concentrations in gene copies per liter (GC/L) of wastewater. Historical data can be found on the IWSS dashboard, link above.

### RSV SAMPLING RESULTS - LAST 8 SAMPLES

Date	RSV (GC/L)
2025-09-22	Non-detect
2025-09-15	Non-detect
2025-09-08	Non-detect
2025-08-25	Non-detect
2025-08-18	Non-detect
2025-08-11	Non-detect
2025-08-04	Non-detect
2025-07-28	Non-detect



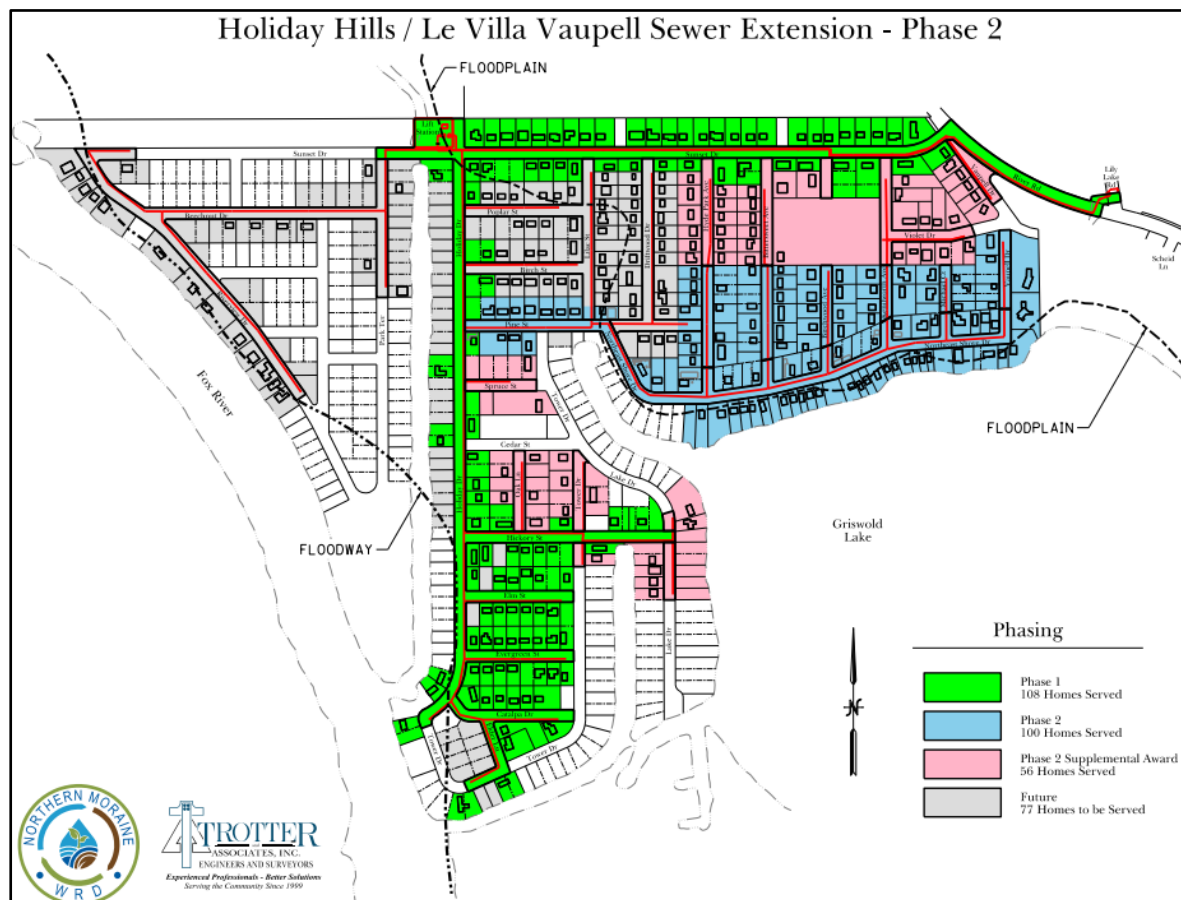
**NMWRD Engineering Report**

**Date:** December 12<sup>th</sup>, 2025

**Prepared by:** Jasmin Bait – Junior Engineer

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

*[Project Update]* – This project has plateaued in the month of November. To date, all sanitary sewer main, sanitary service, and manhole installation is complete. Additionally, all air testing and mandrel deflection testing has been completed. A 4" binder layer driveway paving has been complete throughout the Phase 2 project area. All manholes have been adjusted to final grade in preparation for Nunda Township to complete surface level paving in the future as outlined in the agreement signed this past June. Trine's crew has addresses landscaping concerns and will complete final vacuum testing in the spring. A pre-construction meeting was held virtually in early December to discuss logistics of continuing work into Phase 2B. This phase will extend sewer to an additional 56 homes in the southern and northeast area of Holiday Hills and the remainder of Le Villa Vaupell (see pink area in diagram below). Trine has begun mobilizing equipment on site and will work with Junior Engineer, Jasmin Bait, to coordinate stub locations with residents. We expect all underground construction to be completed within the next few months and restoration to take place in early spring.





### **Holiday Hills / Le Villa Vaupell 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 Sewer Permit. One new permit was issued, and one new connection was made in early November at 2605 Holiday Dr. In mid-November, the District mailed out letters to inform Phase 2 residents of their eligibility to connect to sewer. The District looks forward to more homes connecting in the future. As of this time, a total of thirteen (13) homes are connected out of the total 208 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 Sunset 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	Bartnick Construction	Paid in Full	6/27/2025	11/6/2025
1508 Catalpa Dr	Reiche Plumbing	Paid in Full	8/1/2025	8/19/2025
1208 Sunset Dr	Reiche Plumbing	Paid in Full	11/5/2025	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 operations crew has accomplished biological phosphorus removal in the summer season and will continue their efforts into the winter.

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

*[Project Update]* – 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 latest payment was received on April 22, 2025, in the amount of \$159,228.72. The District and TAI





have reviewed the easement documents received from Lakemoor for the Woodman's property. As-built drawings have been received but there are still recorded utility easements missing that we are waiting to be received. Upon receipt of those easements, this project can officially be closed out.

**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. The District has received a copy of final as-builts but has requested a revision due to missing elevation data. We now await a revised version.

**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. The District has followed up on the status and is awaiting an update.

**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. 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. After the IEPA permit was issued, exploratory work was conducted to locate infrastructure, including two of the District's force mains. Sanitary construction was completed throughout August and September. All required testing was completed in mid-October. The lone item the District is now waiting for is construction record drawings.

**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. Plan review has been completed, the connection fee payment was received, and a sanitary sewer permit has been issued. Sanitary sewer construction was completed in mid-October and required testing was completed in late October. The lone item the District is now waiting for is construction record drawings.

**Cellular Sales Development (Lakemoor):**

*[Project Update]* – The District received preliminary plans in July 2025 for a proposed development of a Cellular Sales store located in Lakemoor Commons Outlot. 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.

#### **7 Brew Development (Lakemoor):**

*[Project Update]* – The District received an inquiry in August 2025 for a proposed 7 Brew development located in the Lakemoor Commons Outlot. An escrow account for this project has been funded in the amount of \$2,500.00 and remains current. The plans are currently in process of being reviewed by TAI.

#### **Car Wash Pros (Lakemoor):**

*[Project Update]* – The District received an inquiry in early December 2025 for a proposed Car Wash Pros development located near the SE intersection of Darrell Road and IL-Rt 120 in Lakemoor. We expect to receive an escrow deposit soon and will begin the plan review process with 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 renovations throughout the Admin Building. Painting has been completed in the new Admin closet, the Junior Engineer's office, and the District Manager's office. The kitchen is essentially complete aside from lighting. Significant progress was made throughout November. The customer lobby has reopened with only minor work and decorating left to be done. A frosted glass with the NMWRD circle logo has been delivered will be installed in the lobby. Continued work includes completion of the Conference Room, women's bathroom, and utility hallway.

#### **Septage Receiving Station:**

*[Project Update]* – The District is beginning to make improvements to the septage receiving process with our hauled waste program. The end goal of these improvements is to allow metered billing for hauled waste loads and phase out our current flat-rate billing. This will allow our haulers to dump loads of any quantity and be billed accurately for each load. The new Elemach POS software/panel will allow us to streamline the process of generating a manifest for each load and distributing copies for billing purposes. Completed work includes underground piping from the screener to the receiving manhole as well as full assembly of the septage screener. P.O.s have been issued relating to the Elemach POS kiosk/software and electrical work to tie in the flowmeter. The contractor, Associated Electric Contractors, has all materials in hand ready for installation. Continued work is expected to occur over the next month. Further details can be found in the Operations Report.

#### **WWTP Blower Upgrades:**

*[Project Update]* – The District has proceeded with upgrading three (3) of four (4) blowers used for our aerobic digestion process. Significant progress has already been made with the removal of all three Lamson blowers back in July. The new equipment pad has also been poured, and we now have two of





## NORTHERN MORaine W R D

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the new Kaeser Blowers set on the pad. All owner-provided equipment has been procured and stored on-site, which include the two (2) VFDs, two (2) 200-amp 3-pole breakers, as well as silencers and filters for the intake valves. In early December, Dahme has mobilized to complete all piping work which we expect to be wrapped up within the next 1-2 weeks. The project will then move into electrical work. Future coordination includes meeting with the vendor that sole the VFDs for startup and meeting with Kaeser for startup and training for the blowers. The District will also work with TAI to enable automated blower control. Assuming all remaining items are completed as planned, we expect the new blower to go live in late January or early February. Further details can be found in the Operations Report.

**In addition to the to the above projects, see below for more updates;**

- Engineering Interns Ana Tsikhanovich and Oliver Melcher will return for a winter internship in the second half December into January. This will greatly benefit this District as progress in Holiday Hills / Le Villa Vaupell picks up soon.



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## NORTHERN MORaine W R D

### DELINQUENT ACCOUNTS RECAP FOR November 2025

*Revised: 12/1/25 by Elisa Fisher, District Clerk*

**Island Lake**  
Active Accounts

**115 Active Delinquent Accounts**

3,418

Notice of Delinquency – **55** customers

Final Notices of Delinquency – **49** customers - Payment plans- **0**

Water Shut off Notices – **1** customer – Pending water shut off- **0** - Payment plans- **0**

Sewer Disconnection – **1** customer

Water off – **9** customers

**Lakemoor**  
Active Accounts

**50 Active Delinquent Accounts**

1,668

Notice of Delinquency – **17** customers

Final Notices of Delinquency – **21** customers – Payment plans- **0**

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

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

Sewer Disconnection – **11** customers -- Payment plans- **1**

**Port Barrington**  
Active Accounts

**20 Active Delinquent Accounts**

556

Notice of Delinquency – **5** customers

Final Notices of Delinquency – **9** customers Payment plans- **0**

Sewer Disconnection – **5** customers -- Payment plans- **1**

**Total Delinquent Accounts: 185**

**Total Active Accounts: 5,642**

**Delinquent Accounts total (active and inactive customers): \$63,327.47** (Balance includes inactive accts, final accts and accounts with water shut off)

November 2024's Report	\$55,811.39
November 2023's Report	\$54,188.73

#### MONTHLY ACTIVITY

<b>4855</b> Monthly Bills mailed 9/1/25 (for November service)	<b>77</b> Notices of Delinquency mailed
<b>865</b> Bills <u>not</u> mailed – customers want it emailed or SMS	<b>79</b> Final Notices of Delinquency mailed
<b>22</b> Real Estate closings in November 2025	<b>1</b> Water Shut Off Notices mailed
<b>6</b> Liens filed in November 2025	<b>19</b> Sewer Disconnection Notices mailed
<b>13</b> Liens released in November 2025	<b>9</b> Water Shut off – Island Lake/ Lakemoor



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## NORTHERN MORaine W R D

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### AGENDA ITEM # 10A

<b><u>Meeting Date:</u></b>	December 15, 2025
<b><u>Item:</u></b>	NACWA Environmental Achievement Award
<b><u>Staff Recommendation:</u></b>	No Action Needed
<b><u>Staff Contact:</u></b>	Mohammed M. Haque, District Manager

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**Background:**

We are pleased to announce that the District is the proud winner of the National Association of Clean Water Agencies' 2026 National Environmental Achievement Award in the Watershed Collaboration category for our work on Nutrient Trading within our watershed and setting up the first pilot for the State of Illinois. I intend to attend the awards ceremony along with Bartlett Durand who has worked with me on this project. The award ceremony will be on February 3, 2026 at the Winter Conference for NACWA. Our award notification letter and the various winners is attached.

**Recommendation:**

No Action Needed

**Votes Required to Pass:**

Not applicable





PRESIDENT

**William J. "Mickey" Conway**  
Chief Executive Officer  
Metro Water Recovery  
Denver, CO

VICE PRESIDENT

**Kyle Dreyfuss-Wells**  
Chief Executive Officer  
Northeast Ohio Regional  
Sewer District  
Cleveland, OH

TREASURER

**Laura Briefer**  
Director  
Salt Lake City Department  
of Public Utilities  
Salt Lake City, UT

SECRETARY

**Calvin D. Farr, Jr.**  
General Manager/  
Chief Executive Officer  
Prince William Water  
Woodbridge, VA

CHIEF EXECUTIVE OFFICER

**Adam Krantz**

November 25, 2025

Mohammed Haque  
District Manager  
Northern Moraine Wastewater Reclamation District  
113 Timber Trail  
Island Lake, IL 60042

Dear Mohammed:

On behalf of the National Association of Clean Water Agencies (NACWA), we are pleased to inform you that Northern Moraine Wastewater Reclamation District has been selected to receive a 2026 *National Environmental Achievement Award (NEAA)* in the Watershed Collaboration category for its "*Advancing Nutrient Trading within the Circular Water Economy*" program. Congratulations on this great accomplishment!

As an NEAA honoree, you will be recognized during the Awards Ceremony & Reception on the evening of Tuesday, February 3, 2026, at NACWA's Winter Conference, taking place February 2-5, 2026, at the JW Marriott in Miami, Florida.

Attached is information outlining the ceremony logistics and a required response form. Additional details about the Winter Conference is available on NACWA's website.

Congratulations again on earning these prestigious awards. Its an honor to celebrate your clear commitment to clean water. We look forward to seeing you in February!

Sincerely,

Susan D. Pekarek  
Chair, NACWA Awards Committee  
General Manager  
Johnson County Wastewater, KS

Adam Krantz  
Chief Executive Officer  
NACWA

Enclosures: Essential Information for NEAA Recipients  
Honoree Response Form



# 2026 National Environmental Achievement Award Honorees

The National Environmental Achievement Awards recognize individuals and NACWA member agencies that have made outstanding contributions to environmental protection and the clean water community.

## Individual NEAA Awards

### ENVIRONMENT AWARD

- **Deborah Nagle**, Former Director, Office of Science and Technology, U.S. Environmental Protection Agency, DC

### UTILITY LEADERSHIP

- **Luther Blackburn**, Executive Director, Ypsilanti Community Utilities Authority, MI

## Member Agency NEAA Awards

### COMMUNITY LEADERSHIP

- City of Dayton Department of Water, OH  
*Urban Agriculture Grant Program*
- City of Garland Water Utilities, TX  
*Recycled Water Program*
- Detroit Water & Sewerage Department, MI  
*Green Stormwater Management Program*
- Hampton Roads Sanitation District, VA  
*Sustainable Water Initiative for Tomorrow (SWIFT) Community Commitment Program*
- Mount Pleasant Waterworks, SC  
*Advancing Public Health and Environmental Protection: South Carolina's First Comprehensive Utility-Led Septic Management Initiative*
- Orange County Sanitation District, CA  
*OC San Headquarters*

### OPERATIONS & ENVIRONMENTAL PERFORMANCE

- Albuquerque Bernalillo County Water Utility Authority, NM  
*SWRP Outfall Restoration Project*
- Allegheny County Sanitary Authority, PA  
*North End Plant Expansion: ALCOSAN's New Outfall*
- Hampton Roads Sanitation District, VA  
*Automating Regulatory Monitoring of Residual Chlorine: Improving Operational Efficiency and Public Health Protection*
- Little Rock Water Reclamation Authority, AR  
*Sewer Service Line Replacement Program*
- Sacramento Area Sewer District, CA  
*Septic to Sewer Projects*

### PUBLIC INFORMATION & EDUCATION: E-MEDIA

- Louisville & Jefferson County Metropolitan Sewer District, KY  
*Flood Impact to Wastewater System Public Information Project*
- Metropolitan St. Louis Sewer District, MO  
*IT's a Sewer*
- Metropolitan Wastewater Management Commission, OR  
City of Springfield, OR  
*One Water Video & Digital Campaign*
- Prince William Water, VA  
*PrinceWilliamWater.org: Website Redesign and Migration*



## 2026 National Environmental Achievement Award Honorees (continued)

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### PUBLIC INFORMATION & EDUCATION: EDUCATIONAL PROGRAM

- Arlington County Department of Environmental Services, VA  
*Let It Flow! Arlington's Art-Driven Outreach*
- Henrico County Department of Public Utilities, VA  
*Keep Henrico Beautiful*
- Johnson County Wastewater, KS  
*Fats, Oils, & Grease Program*
- Knoxville Utilities Board, TN  
*Water Education and Outreach*
- Little Rock Water Reclamation Authority, AR  
*JoJo the Water Hero*
- Madison Metropolitan Sewerage District, WI  
*DRIIPS Communications Toolkit*
- Orange County Sanitation District, CA  
*Wastewater 101 Citizens Academy*
- Toho Water Authority, FL  
*Toho 101*

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### PUBLIC INFORMATION & EDUCATION: VIDEO

- Hampton Roads Sanitation District, VA  
*Water Cycle Video: Water from Source to Sanitation*
- Metro Water Recovery, CO  
*How We Treat Wastewater: Children's Video*
- Union Sanitary District, CA  
*Transforming Public Understanding: A Collection Services Educational Video Initiative*

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### PUBLIC SERVICE

- Henrico County Department of Public Utilities, VA  
*PFAS Private Well Sampling Program*

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### RESEARCH & TECHNOLOGY

- Atlantic County Utilities Authority, NJ  
*Artificial Root Filter*
- Columbus Water & Power, OH  
*Fugitive Methane Study*
- Hampton Roads Sanitation District, VA  
*Next-Gen Nitrogen Removal at a Full-Scale WRRF: Leveraging AI for Ammonia-Based Aeration Control (ABAC)*
- Muscatine Water & Resource Recovery Facility, IA  
*Muscatine Organics Recycling Center*

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### WATERSHED COLLABORATION

- City of Cedar Rapids, IA  
*Utilities Watershed Program*
- Northern Moraine Wastewater Reclamation District, IL  
*Advancing Nutrient Trading within the Circular Water Economy*

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### WORKFORCE DEVELOPMENT

- City & County of Honolulu, HI  
*ENV Training Development and Retention (TDR) Program*
- Clean Water Services, OR  
*Operator & Plant Technician Training*
- Gulf Coast Authority, TX  
*Executive & Emerging Leaders Program*
- Hampton Roads Sanitation District, VA  
*Career Pathway Program*
- LOTT Clean Water Alliance, WA  
*Culture of Excellence Workforce Development Program*
- Renewable Water Resources, SC  
*Experience ReWa/Wes Wessinger*



## NORTHERN MORAINE W R D

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### AGENDA ITEM # 10B

<b><u>Meeting Date:</u></b>	December 12, 2025
<b><u>Item:</u></b>	Vactor Purchase
<b><u>Staff Recommendation:</u></b>	Approve Resolution Authorizing the Purchasing of a Used 2013 Vactor
<b><u>Staff Contact:</u></b>	Mohammed M. Haque, District Manager

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#### **Background:**

As the board may recall, we pursued a 2010 Vactor last year for \$89,500 that ultimately was sold before we could make an offer. We have continued our quest recently after a scare on our existing Vactor (faced with high cost repairs) to find a suitable used Vactor for us. We currently have budgeted \$80,000 for it. The District is limited to single axle Vactors which are fairly rare but recently came across one that is on sale in Indiana. It is newer (2013) and for sale by Brown Equipment Company (McHenry, IL) at one of it's branches in Indiana. BEC is the new incarnation of JetVac that was located down the street from us. The unit is priced for \$150,000 and we had our operator, Brandon Scurto, go inspect it a couple weeks ago. Information on it, along with some photos are attached. I am requesting permission to purchase this and will have a Resolution on the agenda for buying this unit at a negotiated price. I intend to offer \$120,000 - \$130,000 for it and not give our unit for a trade-in. Rather, we will look to sell our existing unit (2005 Vactor) on consignment for \$30,000 - \$40,000, for a net cost of the newer one of \$80,000 - \$100,000.

For reference, new units cost \$450,000 - \$550,000, so the approach of buying gently used units has served us fairly well. The unit we are pursuing has only 19,000 miles on the chassis and 3,000 engine hours.

Vactors are used for rodding clogged sewers and manholes, as well as for jetting sewers as part of our annual sewer cleaning & televising work. They are a necessary and important part of our overall function and service to the communities we serve.

#### **Recommendation:**

District Staff recommends approving the attached Resolution Authorizing the Purchasing of a Used 2013 Vactor and to Sell the Existing Vactor on Consignment or via Surplus Auction.

#### **Votes Required to Pass:**

Simple Majority, via a roll call vote



**NORTHERN MORAIN WASTEWATER RECLAMATION DISTRICT**

**RESOLUTION NO. 2025-R-\_\_\_\_\_**

**RESOLUTION APPROVING A QUOTE TO AUTHORIZE  
ACQUISITION OF A PREVIOUSLY OWNED VACTOR TRUCK**

**WHEREAS**, the Northern Moraine Wastewater Reclamation District (the “***District***”) is a sanitary district operating pursuant to the authority set forth in the Illinois Sanitary District Act of 1917, 70 ILCS 2405/0.1 *et seq.* (the “***Act***”); and

**WHEREAS**, sewer cleaning trucks are essential equipment in the District’s maintenance of its sanitary sewer system and facilities (the “***District System***”); and

**WHEREAS**, the District has from time to time purchased Vactor branded sewer cleaning trucks (“***Vactor Trucks***”) to use in maintaining the District System; and

**WHEREAS**, the District currently has a 2005 model Vactor Truck; and

**WHEREAS**, the District desires to enhance its capabilities for maintaining the District System, and to this end the District Board finds that it is necessary and proper to take all appropriate steps to purchase an updated Vactor Truck; and

**WHEREAS**, the District has identified a used 2013 model Vactor Truck (the “***2013 Vactor Truck***”) that could address the District’s needs; and

**WHEREAS**, under Section 11 of the Act, 70 ILCS 2405/11, the District is not required to undertake competitive bidding for purchases of equipment previously owned by entities other than the District; and

**WHEREAS**, accordingly, the District sought and obtained a quote from Brown Equipment Company for the 2013 Vactor Truck, which quote is set forth in Exhibit 1 attached to this Resolution and made a part hereof (the “***Quote***”); and

**WHEREAS**, the Quote for the 2013 Vactor Truck is at a purchase price of \$150,000.00, with a \$1,000.00 credit for inspection expenses; and

**WHEREAS**, the District Board finds it necessary and proper to approve the Quote for the 2013 Vactor Truck for a net total price of \$149,000.00 (the “***Price***”); and

**WHEREAS**, the District Board has further determined that it is in the best interests of the District and its residents, and necessary to protect and preserve the public health, safety, and welfare, to take such actions as are necessary to purchase the 2013 Vactor Truck from Brown Equipment Company pursuant to the Quote and at the Price and the terms of this Resolution;

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE NORTHERN MORAIN WASTEWATER RECLAMATION DISTRICT, LAKE AND McHENRY COUNTIES, ILLINOIS, AS FOLLOWS:**

**SECTION ONE: Recitals.** The foregoing recitals are incorporated herein as if fully set forth.

**SECTION TWO: Approval of the Quote.**

(a) The District Board hereby approves the purchase of the 2013 Vactor Truck from Brown Equipment Company pursuant to the Quote attached hereto as Exhibit 1 for an amount not to exceed the Price.

(b) The District Board authorizes the District Manager to execute the Quote in an amount not to exceed the Price and such other required documentation, and to take all other actions reasonably required, to purchase the 2013 Vactor Truck from Brown Equipment Company pursuant to the Quote and at the Price.

**SECTION FOUR: Effective Date.** This Resolution shall be in full force and effect immediately following its passage and approval.

PASSED THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2025.

AYES:            ( )

NAYS:           ( )

ABSENT:        ( )

APPROVED THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2025.

ATTEST:

\_\_\_\_\_  
President

\_\_\_\_\_  
District Clerk

## EXHIBIT 1

### **Price Quote for 2013 Model Vactor Truck**

4899-3604-6464, v. 2





North Service Center  
Greater Fort Wayne Area  
13710 Lower Hunting Road  
Roanoke, IN 46217

12-1-2025

## Northern Moraine WRD

### Used Vactor Quote

Year: 2013  
Model: Vactor 2100 Plus  
Vin: 1HTWCZRDXDH179215  
International Chassis  
Single Axel  
10 Yard Debris Body  
1000 Gallon Water Supply  
Auto: Transmission  
Dual Stage Fan  
Mileage: 19376  
Hours: 3174

#### Machine Will Be:

Truck To Be Inspected To Be D.O.T. Compliant  
Fully Serviced (chassis and Body) Engine oils, Hydraulic oils, all Filters.  
Warn ball Valves Replaced in Water System  
Tires 80% Tread or More  
New 10 ft leader hose, Standard Jetter Nozzle, New Tyger Tail  
30 Ft Of 8 Inch Vacuum Tubes and Clamps  
Right lower Water Tank Replaced With New Tank  
Truck Fully Tested and Repaired as Needed  
Cleaned, Detailed, Delivered and Trained

Truck Price 150,000.00

Trade In -10,000.00

Inspection -1000.00

Total 139,000.00













## NORTHERN MORAINE W R D

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### AGENDA ITEM # 10C

<b><u>Meeting Date:</u></b>	December 15, 2025
<b><u>Item:</u></b>	Semi-Annual Review and Approval of the District's Strategic Plan
<b><u>Staff Recommendation:</u></b>	Motion to Review and Adopt the Strategic Plan
<b><u>Staff Contact:</u></b>	Mohammed M. Haque, District Manager

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#### **Background:**

The Board adopted the District's first Strategic Plan at the August 2013 Board meeting, following several workshop meetings. In order to assure that the Strategic Plan remains relevant and that the District works to achieve the stated goals within that plan, it was determined to review the plan on a semi-annual basis, at the same meeting that executive session minutes are reviewed. The Strategic Plan was last revised in July of 2021 and last reviewed at the July 2025 Board Meeting. Following is a brief summary of advancements made in achieving the stated goals of the plan to date, with updates in red since our last review in July 2025. In addition, we have attached the current Strategic Plan.

#### **2025**

- Received NACWA's 2025 Gold-Level Peak Performance Award
- Selected to receive NACWA's 2026 National Environmental Achievement Award
- Substantially completed Holiday Hills / Le Villa Vaupell - Phase 2 and continuing into Phase 2B
- Began allowing Holiday Hills / Le Villa Vaupell Phase 2 residents to connect to sewer
- A total of 13 homes in Holiday Hills are now connected to sewer
- Two (2) new commercial developments have connected to sewer: Kelley's Market (IL) and Woodman's Car Wash (LM)
- Continued renovation progress in admin building
- New septage receiving station assembly, inclusive of screener, flowmeter, and POS kiosk.
- Increased septage receiving revenue per new procedure.
- Installed headworks flood lights for appropriate lighting of headworks area.
- Employee recognition: Dan Alcock - Earned Class 4 AND Class 3 certification.
- Employee recognition: Emily Lecuyer - Successful participation in WEFTEC Ops Challenge.
- Employee recognition: Brandon Scurto - Successfully graduate the WEF Water Leadership Institute.
- Employee recognition: Joe Lapastora - Stepped into WEF 2nd Vice Chair for international Students and Young Professionals Community (SYPC).
- Continued SCADA buildout. Completed control wiring and conduit buildout in chemical building to bring remainder of plant on to SCADA. Expect to be completed in early 2026.
- Successfully passed IEPA facility/compliance inspection after 4+ years of no IEPA inspections.
- Brought new instrumentation online to aide in plant automation as we bring SCADA online.
- Continued biological phosphorous removal (bpr) improvements at the treatment plant. Ditch is now running with two (2) uncoupled shafts which has created an ideal anaerobic zone with ideal conditions to promote better bpr efficiencies.
- Continued to replace aging infrastructure in our collections system. Swapped out 3 pumps over last 3 months which has led to every lift station wet well now having two functional pumps while also maintaining a backup pump for every station.





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- Partnership Opportunity - Initiated pilot partnership with Grundfos to implement dynamic sewer controls for a small pocket of our collection system.
- Cathodic Protection installs at our Hale 2 and Waterford Lift Stations.
- Sealcoat of back half of plant and admin office drives.
- Annual Maintenance performed on all District owned generators with additional work completed to ensure all are in working order.
- Sold used Lamson Blowers (3x)
- Onboarded three (3) interns for summer projects and work.
- Completed headworks project including 4 submersible pumps that are fully functional and automated in our SCADA system.
- New wet well metals for two (2) stations, including Lakemoor LS3 and Lakemoor LS5.
- Breakroom interior is fully complete and in operation.
- Full SCADA buildout for all Lakemoor Lift Stations. Currently, we have nine (9) stations on SCADA.
- Tied Centrifuge Operations into SCADA.
- Scum arm improvements for each Clarifier (gasket replacement and realignment) along with drain mechanism repairs for the South Clarifier.
- Employee recognition: Emily Lecuyer – Operator of the Year for Illinois
- Employee recognition: Mohammed Haque – Water Technology Innovator Award.
- Replaced aging electrical equipment associated with our Chemical Building MCC
- Continued progress with Holiday Hills / Le Villa Vaupell - Phase 2 Project. Nearly 100% complete.
- Replaced Gator with newer model.
- Purchased new F150 for routine Operator and Intern work.
- Finished remodeling of the Board Room.
- Started remodeling office space, replacing faulty plumbing and electrical.
- Entered into first Nutrient Trading agreement with Haraden Farms.
- Transitioned Payroll from MyPay back to Quickbooks, reducing the need for a third party service.

### 2024

- Supervisory Control and Data Acquisition (SCADA) fully built out for all Lakemoor Lift Stations and Holiday Hills.
- Emptied and cleaned both digesters. Re-installed several disconnected diffuser heads to main header and order backstock diffuser heads for future replacement.
- HSI Atlas-Copco blower has been fully repaired and is being used as our main blower.
- Ordered two (2) new Kaeser Blowers to replace Lamson Blowers.
- Lakeside Rotating Drum Screen has been fully repaired and is ready to be used as main screener in Headworks for winter.
- Constructed winter enclosure for MS2 Bar Screen at Headworks.
- Upgraded to LED lighting in Blower Room of Control Building.
- Removed and replaced all metals within Lift Station 3 Wet Well.
- New electrical runs installed at Oxidation Ditch and Headworks to eliminate extension cords.
- Replaced 20-year-old analytical balance in laboratory.
- Repaired scrapper arm for South Clarifier after major corrosion issues.
- Sold three (3) used Generators.
- Variable Frequency Drives (VFD) to Soft Starter conversions at four (4) lift stations.
- Repaired raw pump #4 and re-installed.
- Annual Lift Station cleaning of all 24 lift stations.
- Replaced faulty 15-year-old controller for Centrifuge Control Panel.





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- Standardized on Dodge infrastructure at Oxidation Ditch and Digesters. Installed 16 new Dodge auto-greasers at the ditch. Installed Dodge temperature/vibration sensors on all four (4) couplers at the ditch. Installed Dodge Breathers on all four (4) motors at the ditch. All data is being tracked via Dodge Optify and will easily tie into our SCADA in the near future.
- Completed all required annual Safety Training for entire Operations staff.
- Successfully passed State Fire Marshall inspection (typically performed on 2 year basis)
- Commenced renovations of the Board Room. Flooring, painting, and door replacement have been completed.
- Continued renovations of the Admin Building. Siding, Exterior Doors and some windows have been replaced.
- Hired new Part-Time Office Clerk and trained.
- Transitioned Assistant Clerk to Administration Clerk
- Connected a total of ten (10) homes in Holiday Hills to the new sewer system.
- Implemented a new filing system to organize permits and documents for each property in the District's service area.
- Hired and trained three (3) new replacement Operators.
- In partnership with CSWEA, secured a \$200,000 grant from the Walton Family Foundation to pay for administrative costs (Bartlett Durand) to develop the first Nutrient Trading Pilot in Illinois.
- Worked with Trotter & Associates on the Facility Plan Update and User Rate Review. 90% complete.
- Hosted US Representative Bill Foster for a tour of Holiday Hills and presentation of a \$959,752 check for Phase 2A of Holiday Hills – La Villa Vaupell project.
- Collected over \$600,000 to date for the Darrell Road Special Connection Fee, allowing for continued engineering, grant funding efforts and planning costs. Plan on Starting Phase 1A and 1B as soon as funding can be obtained for shortfall.
- Participated in Port Barrington's Riverfest and Lakemoor's Trunk or Treat for public engagement
- Finished Holiday Hills Phase 1 sewer project. Observed the first connections of Holiday Hills residents to the new sewer system
- Established system of legal documentation and billing for financing connection fees for new system users in Holiday Hills
- Secured a \$6,700,000 grant (reduced to \$1,100,000) from U.S. House Representative Bill Foster for the Holiday Hills project. Waiting on final approval.
- Successfully completed Control Building Electrical Upgrades project for \$150,000 less than bid price.
- Updated the District GIS map with accurate locations for 90% of all manholes within the District service area and continuing work to collect the remaining 10%. Significant improvements to District GIS with the addition of easement layers, televising layers, and corrected geospatial locations of important District infrastructure.
- Replaced entrance ramp at Administrative Building.
- Commenced renovations of the Break Room at the plant
- Successfully completed the Control Building Electrical Project
- Invested in various repairs for non-functional generators at four (4) lift stations to bring them back into working condition.
- Successfully completed the dewatering polymer upgrades project.
- Swapped old generators for new generators at Lakemoor Lift Station No. 3, Lakemoor Lift Station No. 7 and South Shore Lift Station.
- Installed new generator at Lakemoor Lift Station No. 4, which has never had an emergency backup generator.





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- Replaced various pumps at our 24 lift stations as we near completion of having two (2) functional pumps in all wet wells, while also maintaining at least one (1) backup pump for all lift stations.
- Replaced trickle charger associated with plant generator and upgraded generator controller to ensure consistent transfers during all power outages.
- Drive mechanism rehabilitation, and grinding / painting of center column and walkway metals for South Clarifier to extend the useful life of that Clarifier for 10+ years.
- New seal on Vacuum Truck.
- Purchased jetting equipment that will allow for proper jetting techniques through the various sized and various material pipes throughout the District's collections system.
- Halfway through the process of switching to all four submersible raw pumps. Expected for all four to be installed by end of August.
- RDS reinstalled and bumped to ensure we have a redundant form of screening at our headworks.
- New conveyor enclosure on ag conveyor associated with dewatering to prevent freezing issues in the winter.
- Bearing replacement for HSI Atlas-Copco blower.
- Brought SCADA online at the treatment plant.
- Receiving antenna installed at treatment facility that will allow for us to communicate with all lift stations via radio/telemetry.
- Received fourth free autosampler from WEF Small Utility Grant Program.
- Auto-Greaser install for MS2 Bar Screen.
- Contactor replacement at dewatering control panel.
- Converted remaining three (3) bearings at oxidation ditch from Woods couplings over to Dodge couplings. Will save time on future maintenance work orders due to the relative ease of assembling/disassembling Dodge bearings.
- Successful in-house bypass of headworks to perform raw pump and valve work.
- Received second payment from Village of Lakemoor for the Woodman's loan.

### 2023

- Transitioned former Engineer to Director of Operations and hired new District Engineer. Implemented a revised personnel structure for the plant and collection systems to take advantage of skill sets and delegation of duties.
- Replaced valves and sump pump (located in valve vault) for Lift Station No. 6.
- Replaced valves and sump pump (located in valve vault) for Hale No. 1 LS.
- Starter and Contactor replaced at Waterford Lift Station.
- Chemical Building piping was painted to match pipe coding standards. Chemical Building floor epoxied/painted.
- New NPW sprayer system designed, built, and installed by District staff for South Clarifier.
- MS2 Bar Screen installed at Headworks and is now being used.
- Replaced the Cutter Teeth on the Muffin Monster Grinder at the Headworks.
- Oxidation Ditch: Re-balanced all shafts, replaced the final two motors (other 2 replaced in 2020), replaced bad bearing at SW shaft, and replaced two of the old Woods couplings with Dodge Raptor bearings.
- Replaced eight wall PRVs in South Clarifier.
- Replaced VFD for the HSI Blower.
- Significant cleaning/organizing of the main garage and dewatering garage at WWTP.
- Disposed of two full 30 CY dumpsters worth of scrap material.





## NORTHERN MORaine W R D

- Swapped out the old Ag Conveyor for the dewatering process and replaced with an identical conveyor that we had as a backup. Purchased new identical conveyor, upgraded to galvanized steel to extend useful life.
- Repaired both UTV gators at the plant so that both are in working condition.
- Successful competition/submission of annual QA/QC testing for the lab.
- Repaired fiber damage at plant to prepare to bring SCADA online.
- Replaced hoses, batteries, caps, belts, etc., at all of the District's Collection System generators that were identified during Type A Inspections performed by Midwest Power.
- Finalizing SCADA systems and implementing a final phase of the integration that ties in the new Control Building equipment, Dewatering upgrades, etc.
- Improved solids handling and improvements to the digester function to increase sludge cake solids from 18% to 28%, which will result in lower tons of sludge hauling.
- Fabricated and installed new board room table.
- Installed Headworks MS2 Bar Screen replacing a non functional Lakeside unit.
- Televised 32% of the District's Sewers for compliance with CMOM program.
- Secured a \$2,000,000 grant from McHenry County – ARPA for the Holiday Hills project.
- Secured a \$3,500,000 grant from Representative Bill Foster for the Holiday Hills project. The approved amount was reduced to \$959,752 through the congressional process.
- Implemented a new billing software with an online portal and new ability to pay by phone. Integrating with our accounting software.
- Optimized biological phosphorous removal in the oxidation ditch, resulting in savings on phosphorous treatment chemical.
- Entire Operations staff completed Safety Training that meets OSHA and Industry standards.
- Unveiling of new District Safety Plan in March 2023.
- New 550 chassis to replace existing dump. With this vehicle, the entire District fleet has been updated within the last 5 years.
- Replaced both sludge pumps, piping, and some valving.
- Replaced valves and pumps at several lift stations.
- Enhanced Ditch Operations to achieve Biological Phosphorus Removal and enhanced Ammonia Removal.
- Submitted NPDES Permit for Renewal
- Replaced Chemical Room Ventilation System and Painted all Chemical Building Rooms
- District Manager passed Class 1 Certification, bringing our number of Class 1 Operators to 2.
- Director of Operations received the Young Professionals Award from CSWEA as well as the Water Stewardship Award.

### 2022

- Secured a \$2,500,000 grant from Congresswoman Lauren Underwood for Holiday Hills
- Secured a \$250,000 grant from Senator Dick Durbin for Generator Replacement at treatment plant.
- Participated in Port Barrington's Riverfest with great public engagement.
- Hired a new Clerk and prepared for a smooth transition for the upcoming District Clerk retirement
- Director of Operations graduation of the Duke WILD Fellowship.
- Continue to maintain essential operations during the ongoing pandemic. Adjusted schedules, work environments, technology and communication methods gracefully to ensure that the District provided uninterrupted essential services for all of our customers and communities.
- Coordinated a well-received PR event for the groundbreaking ceremony at Holiday Hills. Started Holiday Hills project after 30 years of trying to implement. Secured \$5.3 million in loans v IEPA low interest SRF and \$3.5 million in Unsewered Community Grants. Hired a construction inspector in







## NORTHERN MORAINE W R D

lieu of Trotter Resident Engineer, saving the District in excess of \$150,000 in resident engineering expense.

- Secured a \$100,000 grant from McHenry Community Development Block Grant for Holiday Hills
- Put custom televising vehicle to use.
- Acquired new vehicle for use during Holiday Hills sewer project in a time when new vehicles are in very short supply.
- Completed Paving Improvements. Improved and extended western access road at Treatment Plant.
- Replaced Return Activated Sludge (RAS) pump station control panel with horrific electrical arrangement with standardized SCADA control panel.
- Successfully navigated OSHA inspection and compliance requirements.
- Implementation of COVID surveillance sampling in coordination with Illinois Department of Public Health (IDPH) and University of Illinois at Chicago.
- Pilot of Smartcover technology to monitor collection system flow trends.
- Construction of campsite and procurement of RV to provide temporary housing for summer intern during time of limited temporary housing availability.
- Article covering the history and current state of the District featured in Central Waters quarterly publication.

### 2021

- Further reduced the property tax burden on residents by again lowering the tax levy by 10.1% for the 2021-22 tax year. This is the tenth year in a row that the District has lowered its tax levy with the 2021-22 levy \$325,823 less than the 2010-11 levy, representing a 78.4% decrease.
- Developed and launched a public relations sewer televising van and initiated televising for the District. Saved over \$100,000 by developing the van in house and retrofitting an existing Ford Transit.
- Replaced a 200hp blower motor that failed due to poor grounding and safeguarded the new motor against the same failure.
- Replaced fluorescent lighting in Laboratory and MCC Hallway of Control Building with energy efficient LEDs.
- Repainted South Clarifier cover
- Repainted aerator covers on Oxidation Ditch
- Completed the emergency repair of the North Clarifier utilizing a value engineering and in-house construction management approach that saved the District \$1.3 million based on the original engineer's estimate.
- Secured a \$200,000 grant for the Control Building Electrical Upgrades
- Secured a \$400,000 grant for the Lakemoor Lift Station Upgrades
- Secured a \$3,500,000 grant for the Holiday Hills / La Villa Vaupel Sewer Extension.
- Initiated design engineering and public relations on the Holiday Hills project utilizing team of legislative, marketing and engineering consultants. Negotiated \$55,000 in engineering fees.
- Installed remote monitoring and control for gate openers at treatment plant and keyless entry. Gave all employees proper access.
- Fabricated our own chemical skids for disinfection feeds.
- Replaced a failed digester drain valve that required the emptying of 500,000 gallons of sludge with no interruptions to plant operations. In February!
- Installation of sludge cleanout and emergency dewatering port.
- Made the front page of the NW Herald with positive PR for the District.
- Received CSWEA Treatment Plant Operations Award for State of Illinois. Made the NW Herald with additional positive PR for the District.





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- Developed a virtual facility tour for public viewing.
- Installation of new sludge conveyor at SIGNIFICANTLY lower cost than conventional means that reduces personnel hours required to manually move sludge. Estimated at least 104 hrs. reduction per year based off of 4 hrs every two weeks in previous arrangement. That's a week and a half that would have normally been spent driving the loader back and forth at the plant!
- Remote monitoring of dewatering operations.
- Installation of WiFi access points throughout treatment plant.
- All operations staff and staff engineer certified in NASSCO sanitary sewer and manhole structure assessment.
- Installation of an inline mag-meter on our RAS pipeline.
- Established and implemented a Capacity, Maintenance, Operations, Management (CMOM) plan for
- Established and implemented a Phosphorus Discharge Optimization Plan (PDOP).

### 2020

- Coordinated the work and legal issues related to the Lily Lake Road project by Nunda Township
- Implemented a Darrell Road Interceptor Sewer Connection Fee for the capital costs to initiate the project.
- Developed and implemented a Septage receiving program.
- Developed a CMMS program, as required by our NPDES Permit, to ensure that the District's collection system is properly maintained and managed. Initiated the preventative maintenance portions of the program and ramping up for major in-house cleaning and televising. Purchased van and getting converted and staff trained for this function.
- Procured a new used Vector for use in the CMMS program.
- Replaced old Chevy with major maintenance costs with a new Ford F-250.
- Replaced two Gators with newer used Gators with cabs for climate control.
- Procured skid steer to use for sludge moving and grading work around the plant, etc.
- Procured a new Influent Headworks MS2 bar screen to upgrade equipment at the end of useful life.
- Accepted Savannah's of Lakemoor subdivision extension and started permitting of new homes.
- Accepted Woodman's sewer and distributed over \$900,000 of loan funding to Village of Lakemoor for the underground sewer costs.
- Developed and launched new website.
- Procured and installed new control panels in the Control Building, Oxidation Ditch, Dewatering Building and Chemical Building as part of our plant automation and modernization plans.
- Permitted paving plans for the treatment plant and initiated project to be completed in conjunction with the North Clarifier Repairs.
- Installed new Sludge Drying Bed Cover
- Finalizing a Hyper Ion Phosphorus removal system located in the dewatering building with appropriate spill containment and metering pumps.
- Remodeled the chemical building to provide better safety, filling and venting of Sodium Hypochlorite and Bisulfite chemicals used for disinfection.
- Pulled remaining fiber optics and terminating around the plant.
- Completed a radio path study for wireless SCADA for lift stations.
- Initiated a faster process for lien filings to ensure that District's bills do not get removed due to foreclosure, etc.
- Hired additional operations staff while maintaining the excellent culture we have built to date.
- Worked state-wide and nationally on funding initiatives for wastewater infrastructure funding. Anticipate that over \$50 billion will be available in wastewater grants through federal and state





efforts in the near future. Ensured that several District projects are ready to take part in potential funding opportunities.

## **2019**

- Successfully hosted 50<sup>th</sup> Anniversary open house, providing an opportunity for our state legislators and public to see what we do and understand the wastewater treatment and resource recovery process and the progress we have made at the District.
- Changed the culture at the District to be more proactive and open. Staff have taken ownership of the District and work with passion and desire to do a good job and be good stewards of the assets we have to manage and maintain for the benefit of the public and our residents.
- Completed the majority of flood proofing of the vulnerable treatment plant facilities and reconfiguring generator as recommended in the Facility Plan update. Flood proofing and generator reconfiguration have prepared the District for enhanced threats brought on by climate change. The work was completed with savings of over \$100,000 below the engineer's estimate. The savings is being used to make additional, much needed, upgrades on the control building, including LED exterior lighting, façade replacement, replacement of several rusted outdoors, etc.
- Completed the installation of a new immersible raw pump and inline magnetic flow meter, providing more accurate flow measurements and the ability to continue pumping sewage in the event of flooding in the basement of the control building.
- Bid and Installed channel grinder in the wet well directly before the rotating drum screen, greatly reducing the blinding of the screen and the associated issues with it.
- Implemented a new source of revenue with Septage Receiving. Enacted an ordinance and started to receive septage at plant with proper manifesting and lab testing.
- Removed the old belt filter press and converted the pit to a storage area for the Phosphorus Removal System. Removed all of the old electrical for belt filter press and cleaned up controls to work with centrifuge only, greatly simplifying the electrical in the building.
- Moved sludge conveyor to exit the dewatering building and dump directly into the adjacent sludge drying bed. The new system, once fully completed will greatly increase our efficiency in sludge handling and dewatering operations.
- Purchased and installed self-cleaning filter on the non-potable water system, greatly reducing the amount of time spent on cleaning nozzles on the existing equipment using the non-potable water. Painted all exterior NPW piping and hydrants.
- Upgraded to and installed LED lighting in control room of control building, greatly reducing our energy consumption for lighting this room.
- Successfully closed out the Deer Grove North subdivision extension. Entered maintenance period.
- Successfully launched District GIS parcel map for customer use.
- Automated the collection and conversion of data from plant rounds, lab and lift station rounds to be auto-logged into a spreadsheet. This greatly reduced the duplication of data entry and time required for this.
- Sold off numerous surplus equipment, including old electronics stored for many years as well as the old F-550 chassis.
- Installed security Nest cameras at the plant and office, allowing for remote monitoring and security at the District office and plant. Installed new outdoor wireless access points at the plant.
- Removed and replaced the deteriorating roof on the dewatering building.
- Purchased two new vehicles to replace aging equipment. F-250 work truck and a new crane truck, utilizing the old crane.
- Procured and replaced a sludge pump with a new progressive cavity pump manufactured by Borger.





## NORTHERN MORAINE W R D

- Updated operations practices to save energy, including shutting down some aerators from time to time and turning off lab equipment not being used.
- Installed turfstone in the southwest sludge drying bed and removed the divider in preparation for a new Clearspan cover and storage area for sludge. Turfstone is now installed in all western sludge drying beds, greatly reducing the damage caused when we haul out sludge and move it around.
- Installed potable water to dewatering building and replaced some non-functioning yard hydrants.
- Installed gutter drain from dewatering building to drain to the north.
- Procured and installed two Rotork actuators to automate the wasting process.
- Procured and installed Projector, Screen, and Connectivity in Board Room
- Procured and installed automatic greasers on the aerators, greatly reducing manual time to grease aerator bearings and ensuring a consistent grease level in all bearings.
- Completed the District office internal remodel, modernizing the space and making workspaces more efficient and user-friendly with updated computers, monitors and desks.
- Reduced the District's sewer user bill delinquency rate to less than 2.1% of revenues. In 2011 the delinquency rate exceeded 13% of revenues.
- Went out for proposals for the audit and changed auditors. Successfully completed the first audit with the new auditors.
- Performed an appraisal by CBIZ of the District assets that accurately reflect our valuation.
- Successfully refinanced our 2010 General Obligation bonds, saving the District close to \$300,000 in interest over the term of the debt.

### **Prior to 2019 (only relevant items)**

- Completed the 2017 Lift Station rehabilitation project, modernizing Lift Station 6 and 7 in Lakemoor and add generators at Lift Station 6 in Lakemoor and the Rolling Oaks Lift Station in Island Lake.
- Initiated the project to install District plant process automation and greater technology utilization.
- Completed the McHenry DOT project to replace portions of the District's force main at Dowell and River Road.
- Upgraded the District's file server to provide for a better system and more enhanced backup functionality.
- Implemented a Centralized Maintenance Management System for greater operations work order processing, asset management and task management.
- Upgraded District's business systems such as phone, internet, cellular, etc. to provide for greater connectivity and better technology utilization.
- Adopted new banking resolutions to achieve consolidated banking services and provide for expected future needs.
- Adopted post-bond issuance policies to support best management practices, sound business principles and transparency.
- Adopted updated investment and fiscal operations policies to support best management practices and sound business principles.
- Completed the Digester Rehabilitation project, further enhancing facility operations supporting the value of enhancing efficiencies.
- Accepted a significant grant award and received \$98,903 from the Illinois Clean Energy Community Foundation that has resulted in a significant reduction in energy costs supporting the value of providing services at the lowest reasonable cost.
- Developed a comprehensive Capital Improvement Plan (CIP) to support the goal of employing best management practices for facility and equipment renewal.
- Enhanced transparency through the posting of all District budgets, appropriations ordinances, annual audits and treasurer's reports to the District's website and other reporting agencies.





## NORTHERN MORaine W R D

- Adopted a revised user rate model that will achieve the goal of full cost pricing within five years, assuring a highly sustainable utility.
- Established written policies and procedures for all fiscal activities, defining internal controls and the separation of duties.
- Successfully transitioned to monthly billing making it easier for families to budget for and pay for services.
- Initiated electronic processing of sewer bill payments received by check through the use of image cash letter deposits vastly reducing the processing burden on staff.
- Initiated a discount process for sewer users who pay in advance, so discount applies when no sewer bill is required to be produced or delivered.
- Completed a screen replacement and blower addition project that replaced an existing influent screen that has reached the end of its service life and provided a new high efficiency blower that will reduce electrical use.
- Created a directory of resources for customers facing financial hardships.
- Completed the extension of a new force main to extend sewer service to the Lakes Region Business Rentals property and provide for additional service to the east.
- Entered into a two party IGA with the Lakes Region Sanitary District strengthening the existing boundary agreement, while supporting the Village of Lakemoor's economic development and business retainage efforts.
- Completed the installation of VFD's for the treatment plant aerators for energy and cost savings.
- Completed the installation of two on-site standby generators at the Waterford and Lift Station #1 stations to insure uninterrupted service during power outages.
- Completed a major update to the District's Facility Plan that will act as a guide to the development, meeting new effluent standards and enhancing sustainability for the next twenty years. This plan was accepted by the Board at the June 2015 meeting.
- Implemented an innovative treatment process wherein the collection system is injected with bacteria in multiple locations to reduce FOG, H2S and influent BOD, resulting in lowered operating, energy and sludge handling costs.
- Expanded lab capabilities so that newly required nutrient monitoring requirements can be conducted in-house rather than being completed by a private lab, reducing costs.
- Entered into an agreement with the Lakes Region Sanitary District that facilitated Fratello's Hot Dogs to receive sanitary sewer service.
- Replaced standby generators at the Fern and South Shore Lift Stations with new units better suited for powering lift station pumps via VFD Controllers.
- Developed and implemented an "office safety plan" to better protect administrative staff at times when only one individual is on duty.
- Conducted smoke testing in the area of Lift Station #1 in Lakemoor to pinpoint and remove sources of rainwater inflow and infiltration.
- Installed a "cross-over" pipe between the two digesters to better control liquid operating levels to maximize aeration efficiency.
- Installed a VFD system for the return activated sludge pumping station to better match flows, reduce energy use, and start/stop wear on pumps and equipment.
- Completed the 2015 Lift Station Rehabilitation project, providing for the renewal of the Hale 1 lift station and adding a stand-by generator to the facility and modification of four additional stations to provide for a wider selection of replacement pumping equipment.
- Obtained professional IT Services for continuous monitoring of computer security, performance and updates and provide for business recovery in the event of a system failure or disaster.





## NORTHERN MORaine W R D

- Completed the conversion process of the utility billing program to a robust, commercially available program that will interface with QuickBooks and provided additional value, such as electronic billing of customers.
- Worked with the State of Illinois Records Management Section to develop an ongoing records disposal program allowing for the disposal of records on a pre-authorized, scheduled basis.
- Completed the purchase and cleared the property at 4315 Roberts Road of potential hazards for the future use for the routing of a main sewer interceptor, compensatory storage of storm water needed with a future plant expansion and frontage for a future office building.
- Completed the replacement of a failing retaining wall at the treatment plant.
- Completed the 2016 Lift Station Renewal project, which resulted in the complete renovation of the Hale 2 Lift Station, including adding a stand-by generator, pumping equipment upgrades at the Waterford Lift Station and modifications to several other stations.
- Developed comprehensive and detailed standard operating procedures (SOPs) for all of the District's business functions in order to provide for continuity of operations.
- Completed relining of two manholes that receive the discharge of the Port Barrington low pressure sewer system, repairing damaged caused by hydrogen sulfide and preventing further damage.
- Adopted a new employee health insurance policy that requires new employees to contribute to the cost of insurance for dependent coverage.
- Enhanced the District's ability to attract and retain high performing employees by becoming an IMRF employer. Being a non-IMRF employer resulted in being unable to attract candidates to the District.

### **Recommendation:**

It is staff's recommendation to review and adopt the Strategic Plan

### **Votes Required to Pass:**

Simple Majority, via a Roll Call Vote



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## **NORTHERN MORaine** **W R D**

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### **STRATEGIC PLAN**

#### **Mission Statement**

The mission of the District is to protect public health and preserve the environment by reclaiming precious water and other resources through providing wastewater collection and treatment services to communities and residents within the service area.

#### **Vision Statement**

It is the vision of the District to maintain a sustainable municipal wastewater utility while expanding service to those communities and residents within the service area in a cost effective and environmentally sound manner while minimizing social impacts.

#### **Values Statement**

- The District provides sound business operations.
- The District protects public health and the environment through providing effective wastewater services within the service area.
- The District provides for the fair and equitable application of policies, ordinances and business practices to its residents and customers.
- The District provides strategic planning for current and future wastewater needs within the service area.
- The District consistently seeks to find more effective and efficient cost savings processes to provide the best possible service at the lowest reasonable cost.
- The District seeks to expand efficiencies through cooperating with other units of local government including municipalities and sanitary districts within the region.
- The District treats its customers with dignity and respect.
- The District is committed to having a highly sustainable utility.

*Approved January 2015 | Last Modified: July 13, 2021*



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### **Goals and Objectives**

- Employ best management practices for facility and equipment renewal.
- Achieve full cost pricing for all services provided.
- Employ sound business principles.
- Support the economic development of the communities served through the extension of sanitary sewer services while maintaining a sustainable business model for the District.
- Extend sanitary sewer services to communities not currently served, such as Holiday Hills and Burtons Bridge, while maintaining a sustainable business model for the District.
- Become the example of good governance for other local units of government.
- Meet all applicable regulations for water quality and the administration of the District.
- Maintain robust fiscal operations, programs and partners to support business efficiency, continuity and recovery.
- Promote electronic and paperless billing processes to enhance efficiencies.
- Enhance all facets of District operations through employee development.
- Promotes transparency through posting budgets, appropriations ordinances and other fiscal information to the District's website.
- Provide public education on the social and economic value provided by the District through expanded avenues of communication and tours for the general public.

### **Internal Relationships:**

- Maintain a culture of fairness, mutual respect and appreciation between the Board and District staff.
- Attract and retain high performing staff members.
- Become the employer of choice within the wastewater field.
- Maintain effective two-way communication of the District goals, objectives and expectations between the Board and District Staff.
- Maintain mutually beneficial relationships and effective communication with key appointed professionals including the District's Engineer and Attorney.

### **External Relationships:**

- Facilitate open communication with elected officials and the District's appointing authorities.
- Maintain professional, cooperative and supportive relationships with the communities served.
- Cooperate with other jurisdictions and regulatory bodies.
- Provide exceptional customer service to the District's residents.

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## **SWOT Analysis**

### **Strengths:**

- The District is served by a highly engaged Board committed to the best interests of the District.
- The District is served by a dedicated staff.
- The District operates under generally stable economic conditions, without burdens facing many units of local government, such as outstanding pension obligations.
- The District maintains a good bond rating.
- The District's facilities are relatively modern and the District is not burdened with highly outdated technology operating beyond its service life.
- The District has completed a comprehensive condition evaluation of the entire collection system which will facilitate accurate planning for operation, maintenance and renewal needs.
- The District's service area is largely undeveloped providing ample opportunities for carefully planned growth.
- The District maintains an excellent record of compliance with all applicable standards and requirements.

### **Weaknesses:**

- The District has limited revenue streams and is mainly reliant on user fees.
- The District must rely on other entities to enforce collection activities.
- The District, like most units of local government, is greatly impacted by the periodic economic downturn which require it to reset development goals and objectives.
- Facility upgrades and renewals planned to be completed with phased expansions have not been undertaken due to lack of development.
- Some Intergovernmental Agreements, (IGAs) provide more benefit to others rather than the District.

### **Opportunities:**

- Very large undeveloped area, prime for development along commercial corridors.
- Pending ability to complete a fully comprehensive Capital Improvement Plan based on an ongoing system evaluation.
- Ability to develop a highly defensible full cost of service rate plan based on factual data developed via a full system condition assessment.

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### Threats

- Potential for litigation resulting in high legal fees and exposure to precedent setting judgments.
- New regulatory requirements for nutrient removal will result in higher treatment cost and facility upgrades.
- Economic downturn and lack of development resulting in limited connection fees and a static customer base.
- Pressure to reduce tax levy by legislators and taxpayers.
- Pending action to limit or make obtaining alternate revenue bonds more difficult.
- Political efforts to force consolidation of services, combining local units of government in the name of efficiency.
- Competing interests of Villages served for limited remaining capacity of collection system in the area of Route 176 & River Road.
- Outside agency's projects causing unplanned and significant costs to District for relocating facilities with no resulting benefit to the District.
- Budgetary burdens for employee health insurance.
- Increased frequency and severity of severe weather events.

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# NMWRD STAFF

*Join us for a*

# *Holiday* **PARTY**

AT 5:30 PM  
FRIDAY **19** DECEMBER

ENTERRIUM  
2 WOODFIELD MALL A  
SCHAUMBURG, IL 60173

*If you have any questions  
please reach out.*



**NORTHERN MORAIN WASTEWATER RECLAMATION DISTRICT  
UNPAID BILLS  
AS OF DECEMBER 12, 2025**

	<b>Date</b>	<b>Transaction type</b>	<b>Number / Description</b>	<b>Due date</b>	<b>Amount</b>
<b>ACCENT LANDSCAPE DESIGN</b>					
	12/01/2025	Bill	Fall Cleanup	12/31/2025	1,180.00
Total ACCENT LANDSCAPE DESIGN					1,180.00
<b>ACE HARDWARE OF LIBERTYVILLE INC</b>					
	11/24/2025	Credit	Operating Supplies		-131.94
	08/11/2025	Bill	Operating Supplies	09/10/2025	83.64
	10/16/2025	Bill	Operating Supplies	11/15/2025	38.69
	11/17/2025	Bill	Operating Supplies	12/17/2025	55.74
	12/02/2025	Bill	Operating Supplies	01/01/2026	36.88
Total ACE HARDWARE OF LIBERTYVILLE INC					83.01
<b>ADVANCED AUTOMATION &amp; CONTROLS, INC</b>					
	11/12/2025	Bill	SCADA PO 25-703	12/01/2025	1,200.00
Total ADVANCED AUTOMATION & CONTROLS, INC					1,200.00
<b>ALTHOFF INDUSTRIES, INC</b>					
	12/04/2025	Bill	EV Charger Install	12/14/2025	2,014.00
Total ALTHOFF INDUSTRIES, INC					2,014.00
<b>AMAZON CAPITAL SERVICES</b>					
	11/14/2025	Bill	Office Supplies	12/14/2025	26.68
	11/21/2025	Bill	Fall Decorations	12/21/2025	92.37
	11/21/2025	Bill	Plant Stand	12/21/2025	35.99
Total AMAZON CAPITAL SERVICES					155.04
<b>ASSURED PARTNERS</b>					
	11/11/2025	Bill	Cyber Insurance	12/11/2025	12,940.00
Total ASSURED PARTNERS					12,940.00
<b>AT&amp;T</b>					
	10/01/2025	Bill	September Bill	10/11/2025	115.68
Total AT&T					115.68
<b>B&amp;B COATINGS CO.</b>					
	10/11/2025	Bill	Sealcoating	10/21/2025	585.00
Total B&B COATINGS CO.					585.00
<b>BITSPEED CONSULTING, INC</b>					
	11/30/2025	Bill	IT Support	12/30/2025	1,048.00
Total BITSPEED CONSULTING, INC					1,048.00
<b>BLUECROSS BLUESHIELD OF ILLINOIS</b>					
	11/20/2025	Bill	Life Insurance	11/30/2025	155.00
Total BLUECROSS BLUESHIELD OF ILLINOIS					155.00
<b>BP</b>					
	12/04/2025	Bill	November Statement	12/14/2025	78.91
Total BP					78.91
<b>COM ED</b>					
	11/20/2025	Bill	Holiday Hills	01/19/2026	147.86
Total COM ED					147.86
<b>COMCAST CABLE</b>					
	11/28/2025	Bill	Internet Services	12/28/2025	563.07
Total COMCAST CABLE					563.07

**DIRECT ENERGY**

11/26/2025	Bill	127 South Drive	12/26/2025	438.61
11/26/2025	Bill	Fenview Cir	12/26/2025	81.40
11/26/2025	Bill	420 Timber	12/26/2025	12,805.99
11/26/2025	Bill	Fern & Poplar	12/26/2025	151.85
11/26/2025	Bill	300 Venice	12/26/2025	121.37
11/26/2025	Bill	100 S Lakeshore	12/26/2025	109.87
11/26/2025	Bill	Darrell & Wagon	12/26/2025	185.01
11/26/2025	Bill	2629 Wisteria	12/26/2025	348.87
11/26/2025	Bill	4320 Watersedge	12/26/2025	57.95
11/26/2025	Bill	E Side Westridge Dr	12/26/2025	79.43
11/26/2025	Bill	3923 Hale Ln	12/26/2025	132.30
11/26/2025	Bill	230 South Shore	12/26/2025	140.39
11/26/2025	Bill	243 Timber Trail	12/26/2025	154.75
11/26/2025	Bill	243 Timber Trail	12/26/2025	208.70
11/26/2025	Bill	100 Rawson	12/26/2025	436.87
11/26/2025	Bill	2900 Spruce	12/26/2025	147.33
11/26/2025	Bill	3440 Hale Lane	12/26/2025	153.68
11/26/2025	Bill	500 Wegner	12/26/2025	307.28
11/26/2025	Bill	300 Herbert	12/26/2025	43.11
11/26/2025	Bill	532 Santa Barbara	12/26/2025	88.41
11/26/2025	Bill	Stone Road	12/26/2025	83.96
11/26/2025	Bill	2285 Walnut	12/26/2025	126.89
11/26/2025	Bill	3390 Waterford	12/26/2025	341.28

Total DIRECT ENERGY 16,745.30

**ENVIRONMENTAL RESOURCE ASSOCIATES**

06/06/2025	Bill	Lab Testing	07/06/2025	2,067.06
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Total ENVIRONMENTAL RESOURCE ASSOCIATES 2,067.06

**EOSULLIVAN CONSULTING**

05/01/2025	Bill	Consulting March	05/01/2025	3,750.00
09/03/2025	Bill	Consulting Aug	10/01/2025	3,750.00
12/01/2025	Bill	Consulting Oct	12/01/2025	3,750.00

Total EOSULLIVAN CONSULTING 11,250.00

**FILIPPINI LAW FIRM, LLP**

11/23/2025	Bill	Legal Fees	12/23/2025	1,094.50
11/26/2025	Bill	Legal Fees	12/26/2025	3,592.50

Total FILIPPINI LAW FIRM, LLP 4,687.00

**First Bank**

12/09/2025	Bill	DO NOV 2025 STMT	12/19/2025	805.28
12/09/2025	Bill	DM NOV STMT	12/19/2025	4,249.40

Total First Bank 5,054.68

**GACRUX**

12/02/2025	Bill	Cleaning Services	01/01/2026	684.00
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Total GACRUX 684.00

**GRAINGER**

10/02/2025	Bill	Circuit Breaker	11/01/2025	2,068.26
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Total GRAINGER 2,068.26

**GRUNDFOS WATER UTILITY INC**

11/12/2025	Bill	On-Site Inspection	12/12/2025	1,721.00
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Total GRUNDFOS WATER UTILITY INC 1,721.00

**HOME DEPOT CREDIT SERVICES**

11/27/2025	Credit	Admin Bldg Remodel		-858.85
11/13/2025	Credit	Admin Bldg Remodel		-7.94
11/10/2025	Bill	Admin Bldg Remodel	11/20/2025	243.26
11/11/2025	Bill	Admin Bldg Remodel	11/21/2025	89.34
11/11/2025	Bill	Admin Bldg Remodel	11/21/2025	533.52
11/12/2025	Bill	Admin Bldg Remodel	11/22/2025	27.26

	11/12/2025	Bill	Admin Bldg Remodel	11/22/2025	74.38
	11/13/2025	Bill	Admin Bldg Remodel	11/23/2025	88.00
	11/26/2025	Bill	Admin Bldg Remodel	12/06/2025	8.05
	11/27/2025	Bill	Admin Bldg Remodel	12/07/2025	398.58
Total HOME DEPOT CREDIT SERVICES					595.60
<b>ILLINOIS COUNTIES RISK MANAGEMENT TRUST</b>					
	12/01/2025	Bill	Property and Liab	12/11/2025	66,615.00
Total ILLINOIS COUNTIES RISK MANAGEMENT TRUST					66,615.00
<b>JM INDUSTRIAL</b>					
	12/12/2025	Bill	Spirac Hollow	12/22/2025	22,450.00
Total JM INDUSTRIAL					22,450.00
<b>JOSEPH LAPASTORA</b>					
	11/10/2025	Bill	Clothing Reimburseme	11/20/2025	43.20
Total JOSEPH LAPASTORA					43.20
<b>LAI, LTD</b>					
	11/26/2025	Bill	14" Plug Valves	12/06/2025	14,420.00
	11/28/2025	Bill	2nd VDF	12/08/2025	30,100.00
Total LAI, LTD					44,520.00
<b>LOU'S GLOVES</b>					
	11/24/2025	Bill	Safety Gloves	12/24/2025	785.00
Total LOU'S GLOVES					785.00
<b>MAC STRATEGIES GROUP, INC.</b>					
	12/04/2025	Bill	Public Relations	12/14/2025	2,000.00
Total MAC STRATEGIES GROUP, INC.					2,000.00
<b>MCCANN INDUSTRIES INC</b>					
	11/25/2025	Bill	Subpump	12/05/2025	817.10
Total MCCANN INDUSTRIES INC					817.10
<b>McGUIRE WOODS CONSULTING</b>					
	12/01/2025	Bill	Consulting	12/31/2025	3,500.00
Total McGUIRE WOODS CONSULTING					3,500.00
<b>MCHENRY COUNTY RECORDER OF DEEDS</b>					
	11/28/2025	Bill	RECORDER OF LIENS	12/28/2025	83.60
Total MCHENRY COUNTY RECORDER OF DEEDS					83.60
<b>MCMASTER CARR</b>					
	11/25/2025	Bill	Hose Components LS6	12/25/2025	683.69
Total MCMASTER CARR					683.69
<b>MENARDS - FOX LAKE</b>					
	11/21/2025	Bill	Operating Supplies	12/21/2025	88.37
	12/05/2025	Bill	Various	01/04/2026	231.43
Total MENARDS - FOX LAKE					319.80
<b>METROPOLITAN INDUSTRIES, INC.</b>					
	11/21/2025	Bill	Flange Kit	12/01/2025	571.55
Total METROPOLITAN INDUSTRIES, INC.					571.55
<b>MIDWEST POWER INDUSTRY, INC.</b>					
	12/05/2025	Bill	Service Call	01/04/2026	353.26
	12/05/2025	Bill	Annual Mainten	01/04/2026	17,718.29
Total MIDWEST POWER INDUSTRY, INC.					18,071.55
<b>MOHAMMED HAQUE</b>					
	12/09/2025	Bill	Reimbursement	12/19/2025	59.90
Total MOHAMMED HAQUE					59.90
<b>MOTION INDUSTRIES, INC</b>					
	11/07/2025	Bill	Cartridges	12/07/2025	3,242.16
Total MOTION INDUSTRIES, INC					3,242.16
<b>MY FLEET CENTER</b>					
	11/07/2025	Bill	Oil Change	12/07/2025	81.99
	11/12/2025	Bill	Oil Change	12/12/2025	87.99

Total MY FLEET CENTER					169.98
<b>NICOR GAS</b>					
	11/07/2025	Bill	1532 Sunset Dr	11/17/2025	159.32
	11/07/2025	Bill	103 S Lakeshore Dr	11/17/2025	162.26
	11/10/2025	Bill	2285 Walnut	11/20/2025	57.60
	11/10/2025	Bill	3440 Hale Lane	11/20/2025	62.11
	11/10/2025	Bill	2900 Spruce	11/20/2025	62.80
	11/10/2025	Bill	206 Fern Dr	11/20/2025	61.15
	11/10/2025	Bill	230 S Shore Dr	11/20/2025	59.98
	11/10/2025	Bill	2301 Fen View Circle	11/20/2025	59.98
	11/10/2025	Bill	32250 Darrell Rd	11/20/2025	61.77
	11/10/2025	Bill	3390 Waterford Way	11/20/2025	49.76
	11/10/2025	Bill	100 Rawson Bridge Rd	11/20/2025	154.26
	11/10/2025	Bill	113 Timber	11/20/2025	155.00
	11/10/2025	Bill	316 Venice Rd	11/20/2025	60.56
	11/10/2025	Bill	2629 Wisteria Way	11/20/2025	160.94
	11/10/2025	Bill	420 Timber	11/20/2025	378.27
	11/11/2025	Bill	27715 Rt 120	11/21/2025	4.27
	11/11/2025	Bill	127 South D	11/21/2025	166.50
	11/12/2025	Bill	500 Wegner Rd	11/22/2025	62.83
	11/10/2025	Bill	3923 Hale Ln	12/04/2025	63.27
Total NICOR GAS					2,002.63
<b>NORTHWESTERN MEDICINE OCCUPATIONAL HEALTH</b>					
	10/31/2025	Bill	DOT Testing	11/10/2025	255.00
Total NORTHWESTERN MEDICINE OCCUPATIONAL HEALTH					255.00
<b>PIPING SERVICE, INC.</b>					
	12/10/2025	Bill	Piping Replac	12/31/2025	17,000.00
Total PIPING SERVICE, INC.					17,000.00
<b>QUADIENT</b>					
	11/09/2025	Bill	Mailing	11/19/2025	101.95
Total QUADIENT					101.95
<b>RAM METALWORKS, LLC</b>					
	11/25/2025	Bill	AG Conveyor Welding	12/05/2025	1,300.00
Total RAM METALWORKS, LLC					1,300.00
<b>SHAW MEDIA</b>					
	11/30/2025	Bill	Publishing	12/30/2025	59.72
Total SHAW MEDIA					59.72
<b>SHERWIN-WILLIAMS CO INC</b>					
	08/29/2025	Bill	Paint for Office Bui	09/08/2025	5.44
	09/03/2025	Bill	Paint for Office Bui	09/13/2025	182.50
Total SHERWIN-WILLIAMS CO INC					187.94
<b>STODDARD SILENCERS, INC.</b>					
	10/31/2025	Bill	Roof Blower Intake	11/30/2025	3,443.00
Total STODDARD SILENCERS, INC.					3,443.00
<b>STRATIFYX, INC.</b>					
	11/21/2025	Bill	Ecological Cons	12/01/2025	2,841.25
Total STRATIFYX, INC.					2,841.25
<b>SUPER BRIGHT LEDs</b>					
	11/18/2025	Bill	Office Lights	11/28/2025	316.81
Total SUPER BRIGHT LEDs					316.81
<b>TEKLAB, INC</b>					
	11/21/2025	Bill	Profes. Lab test	12/01/2025	835.00
	11/21/2025	Bill	Profes. Lab test	12/01/2025	425.00
	12/03/2025	Bill	Profes. Lab test	12/13/2025	709.95
Total TEKLAB, INC					1,969.95
<b>THIRD MILLENNIUM ASSOCIATES INC</b>					
	11/30/2025	Bill	November Bills	12/10/2025	656.18

Total THIRD MILLENNIUM ASSOCIATES INC					656.18
<b>TROTTER AND ASSOCIATES, INC</b>					
	10/31/2025	Bill	Funding Assistance	11/10/2025	75.00
	10/31/2025	Bill	Engineering Services	11/10/2025	7,090.50
	10/31/2025	Bill	Solar Project	11/10/2025	1,140.00
	10/31/2025	Bill	Holiday Hills - 2	11/10/2025	11,499.35
	10/31/2025	Bill	Blower Replacement	11/10/2025	472.50
	10/31/2025	Bill	Lakemoor Commons	11/10/2025	855.00
	10/31/2025	Bill	Lakemoor Commons	11/10/2025	228.00
	10/31/2025	Bill	Ctr Build Locker Roo	11/30/2025	3,190.00
Total TROTTER AND ASSOCIATES, INC					24,550.35
<b>VERIZON</b>					
	11/18/2025	Bill	Phone Services	12/18/2025	982.83
Total VERIZON					443.11
<b>VETERANS VAC SERVICES</b>					
	11/10/2025	Bill	Hydro Excav Serv	12/10/2025	2,700.00
Total VETERANS VAC SERVICES					2,700.00
<b>WATER SOLUTIONS UNLIMITED</b>					
	11/13/2025	Bill	Chemicals	12/01/2025	2,682.50
Total WATER SOLUTIONS UNLIMITED					2,682.50
<b>WAUKEGAN ROOFING</b>					
	12/03/2025	Bill	Break Room Roof	12/13/2025	19,000.00
Total WAUKEGAN ROOFING					19,000.00
<b>WEX FLEET UNIVERSAL</b>					
	11/23/2025	Bill	Fleet Fuel	12/23/2025	810.99
Total WEX FLEET UNIVERSAL					810.99
					<b>309,392.38</b>