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**AGENDA**  
**REGULAR MEETING**  
**7:30 P.M. – January 11, 2022**  
**113 Timber Trail, Island Lake, IL**

*Due to the Governor's statewide disaster declaration relating to the COVID-19 pandemic and current public health guidelines for social distancing, the President of the Northern Moraine Wastewater Reclamation District has determined that it is not prudent for the members of the District Board or staff to convene in-person for this meeting. Therefore, the District Board is meeting by video conference. Those same conditions require barring access to the public for in-person attendance. In light of those limitations, the public is invited to attend and listen to the meeting through Zoom platform or by phone as indicated on this meeting agenda. To comply with the Open Meetings Act requirements for virtual meetings, the meeting will be recorded.*

**Zoom Meeting w/ Video: <https://us02web.zoom.us/j/7578151340>**  
**Meeting ID: 757 815 1340**

**Zoom Meeting w/ Audio Only: +13126266799,,7578151340#**

- 1. CALL TO ORDER & ROLL CALL**
- 2. PLEDGE OF ALLEGIANCE**
- 3. PRESENTATION & APPROVAL OF MINUTES**
  - a. Regular Meeting Minutes – December 14, 2021
  - b. Executive Session Minutes – December 14, 2021
- 4. TREASURER'S REPORT**
  - a. Quarterly Investment Report
- 5. PUBLIC COMMENTS**
- 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. Approval of Ordinance 22-01 to Abate GO Bond Taxes for 2021
  - b. Approval of Resolution 22-01 Authorizing the Request for CDBG Funding in the Amount of \$200,000 for Holiday Hills
  - c. Approval of Resolution 22-02 Ratifying the Approval and Acceptance of an IEPA Unsewered Community Grant in the amount of \$3,495,600 for the Holiday Hills Phase 1 Project
  - d. Approval of Engineering Contract Addendum # 3 with Trotter and Associates for the Holiday Hills Sanitary Sewer Project
  - e. Approval of Resolution 22-03 Establishing updated COVID-19 Safety Precautions
  - f. NIMEC Electrical Agreement





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

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### **11. MISCELLANEOUS CORRESPONDENCE**

- a. Holiday Hills / Le Villa Vaupell Resident Update Letter
- b. Press Release for Holiday Hills / Le Villa Vaupell \$3,495,600 Unsewered Community Grant

### **12. APPROVAL OF BILLS**

### **13. OTHER BUSINESS**

- a. Executive Session – Personnel, if needed

*Posted to [www.nmwrld.org](http://www.nmwrld.org) – January 7, 2022*



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# NORTHERN MORAIN WASTEWATER RECLAMATION DISTRICT

113 Timber Trail, Island Lake, Illinois 60042

## REGULAR MEETING MINUTES

December 14, 2021

**Zoom Meeting w/ Video:** <https://us02web.zoom.us/j/7578151340>

Present: Trustees: John Ragland, Jacob Mann, Timothy Brunn, Lydia Ryberg, Ken Michaels  
District Manager: Mohammed Haque; District Clerk: Deborah Martin

Others: District Superintendent: Luke Markko

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

*"Due to the Governor's statewide disaster declaration relating to the COVID-19 pandemic and current public health guidelines for social distancing, I have determined that it is not prudent for the members of the District Board or staff to convene in-person for this meeting. Therefore, the District Board is meeting by video conference. Those same conditions require barring access to the public for in-person attendance. In light of those limitations, the public is invited to attend and listen to the meeting through Zoom platform or by phone as indicated on this meeting agenda. To comply with the Open Meetings Act requirements for virtual meetings, this meeting will be recorded."*

### 1. CALL TO ORDER:

Roll Call: Timothy Brunn – Present, via Zoom  
Jacob Mann – Present, via Zoom  
John Ragland – Present, via Zoom  
Lydia Ryberg – Present, via Zoom  
Ken Michaels – Present, via Zoom

### 2. PLEDGE OF ALLEGIANCE:

The Pledge of Allegiance was recited.

### 3. PRESENTATION & APPROVAL OF MINUTES:

#### a. Regular Meeting, November 9, 2021

Motion by Trustee Brunn to approve the Regular Meeting minutes of November 9, 2021 as presented.

2nd by Trustee Mann

Roll Call Vote: Timothy Brunn – Aye  
Jacob Mann - Aye  
John Ragland - Aye  
Lydia Ryberg – Aye  
Ken Michaels – Aye

5 ayes 0 nays 0 abstain

**MOTION CARRIED**

#### b. Semi-Annual Executive Session Minutes Review

*After discussion of the sets of Executive Session minutes, the Board felt the need to retain the Executive Minutes that pertained to the purchase of land. The Board agreed to release the sets of Executive Minutes that pertained to personnel issues.*

Motion by Mr. Brunn to retain the Executive Session Meeting minutes of November 13, 2018, December 11, 2018 and January 8, 2109 and to release the Executive Session Meeting minutes of August 11, 2020, September 8, 2020 and October 13, 2020.

2nd by Trustee Ryberg



Northern Moraine Wastewater Reclamation District  
Regular Meeting Minutes  
December 14, 2021

Roll Call Vote: Timothy Brunn – Aye  
Jacob Mann - Aye  
John Ragland - Aye  
Lydia Ryberg – Aye  
Ken Michaels – Aye

5 ayes 0 nays 0 abstain

**MOTION CARRIED**

**4. TREASURER'S REPORT:**

a. Approval of the Monthly Treasurer's Report for month ending October 31, 2021

*Treasurer John Ragland presented the monthly treasurer's report to the Board.*

Motion by Mrs. Ryberg to approve the Treasurer's Report for month ending October 31, 2021 as presented.

2nd by Mr. Brunn

Roll Call Vote: Timothy Brunn – Aye  
Jacob Mann - Aye  
John Ragland - Aye  
Lydia Ryberg – Aye  
Ken Michaels – Aye

5 ayes 0 nays 0 absent

**MOTION CARRIED**

**5. PUBLIC COMMENTS:** none

**6. MANAGER'S REPORT:**

District Manager Haque clarified that the Board should be aware of a last-minute Resolution included in the Manager's Report accepting the \$3,495,600 grant awarded by the IEPA from the Unsewered Community Grant Fund. Mr. Haque explained that the documents for this grant were received late last week and thus were not included in the trustee's board meeting packets. Because of the time restraints in returning the grant documents, it is the recommendation of the District's attorney that the Board make a motion to accept the grant and to authorize the District President, District Manager and District Clerk to take action to secure the grant funds and that next month this Resolution would be on the agenda and ratified.

Approval of Resolution 21-10, accepting the Grant from the IEPA's Unsewered Community Grant Fund

Motion by Mr. Brunn to approve Resolution 21-10, accepting the \$3,495,600 grant awarded by the IEPA's Unsewered Community Grant Fund and to authorize the District Manager, the District President, the District Clerk, and their designees to take all action necessary in furtherance of securing the grant funds. Because this motion was not on the agenda, the Resolution will be ratified at the next board meeting.

2nd by Mrs. Ryberg

Roll Call Vote: Timothy Brunn – Aye  
Jacob Mann - Aye  
John Ragland - Aye  
Lydia Ryberg – Aye  
Ken Michaels – Aye

5 ayes 0 nays 0 absent

**MOTION CARRIED**

District Manager Haque summarized his Manager's report for the Board and included Superintendent Luke Markko in a discussion concerning a OSHA inspection of the wastewater treatment facility on December 3, 2021. The inspector told Mr. Markko that the Illinois OSHA department was conducting random inspections in the region of organizations that have never had prior inspections. A tour was given and the inspector's request for safety documentation has been provided. An inspection report of OSHA's findings should be expected in January.



Northern Moraine Wastewater Reclamation District  
Regular Meeting Minutes  
December 14, 2021

**7. TRUSTEE REPORTS - none**

**8. LEGAL BUSINESS - none**

**9. OLD BUSINESS**

a. Semi Annual Review of District's Strategic Plan

*After a brief discussion by the Board of the weaknesses section of the District's Strategic Plan and the many items listed on the review that the District has completed, the Board made the decision that because no changes were made, it was not necessary to make a motion to adopt the semi-annual Strategic Plan.*

**10. NEW BUSINESS**

a. Approval of NMWRD's 2022 Board Meeting Dates

Motion by Mr. Brunn to approve the 2022 NMWRD regular Board Meeting dates as presented.

2nd by Mrs. Ryberg

Roll Call Vote: Timothy Brunn - Aye  
Jacob Mann - Aye  
John Ragland - Aye  
Lydia Ryberg - Aye  
Ken Michaels - Aye

5 ayes 0 nays 0 absent **MOTION CARRIED**

b. Approval of NMWRD's 2022 Holiday Schedule

There was some discussion about the need to grant Juneteenth as a District holiday. Manager Haque explained the significance of the federal holiday. It was determined that it was not mandated as a local government holiday. Motion by Mr. Ragland to accept the 2022 NMWRD Holiday Schedule as presented.

2nd by Mr. Brunn

Roll Call Vote: Timothy Brunn - Aye  
Jacob Mann - Aye  
John Ragland - Aye  
Lydia Ryberg - Aye  
Ken Michaels - Aye

5 ayes 0 nays 0 absent **MOTION CARRIED**

c. Approval of Resolution for Change Order #1 for Chicagoland Paving and Update on WWTP Access Improvements Project

Manager Haque informed the Board that there had been issues with the work completed so far by Chicagoland Paving; the curb had been poured six inches too high. This issue is being examined by our District attorney and it is anticipated that legal action may be needed. In the interim a change order is provided for previously agreed upon sub-grading work.

Motion by Mr. Brunn to approve Change Order #1 for Chicagoland Paving in the amount of \$5,850.

2nd by Mrs. Ryberg

Roll Call Vote: Timothy Brunn - Aye  
Jacob Mann - Aye  
John Ragland - Aye  
Lydia Ryberg - Aye  
Ken Michaels - Aye

5 ayes 0 nays 0 absent **MOTION CARRIED**



Northern Moraine Wastewater Reclamation District  
Regular Meeting Minutes  
December 14, 2021

Motion by Mr. Brunn to approve a Resolution authorizing the District Manager to seek all remedies for the outcome of contract issues with Chicagoland Paving.  
2nd by Mrs. Ryberg

Roll Call Vote: Timothy Brunn - Aye  
Jacob Mann - Aye  
John Ragland - Aye  
Lydia Ryberg - Aye  
Ken Michaels - Aye

5 ayes 0 nays 0 absent **MOTION CARRIED**

**11. MISCELLANEOUS CORRESPONDENCE**

a. Village of Island Lake Water Rate Increase Letter

District Manager Haque referred the Board to a letter received concerning the Village of Island Lake's proposed 50% water rate increase.

b. Northwest Herald article of November 10, 2021 concerning the District's views on wipes

The Board expressed appreciation in having the District's stance on the adverse effect of flushed wipes on public sewer systems being reported in the Northwest Herald.

c. MCCG Holiday Dinner

District Manager Haque reminded the Board that the McHenry Council of Government's Holiday Dinner will be held at the Holiday Inn in Crystal Lake on Wednesday, December 15, 2021

**12. APPROVAL OF BILLS**

Motion by Mrs. Ryberg to approve payment of bills for the December 14, 2021 bill list as presented, in the amount of \$228,498.08.

2nd by Mr. Brunn

Roll Call Vote: Timothy Brunn - Aye  
Jacob Mann - Aye  
John Ragland - Aye  
Lydia Ryberg - Aye  
Ken Michaels - Aye

5 ayes 0 nays 0 absent **MOTION CARRIED**

**13. OTHER BUSINESS – Executive Session**

a. Personnel

At this time, President Michaels asked Superintendent Luke Markko to sign off for the Regular board meeting. President Michaels also asked that District Manager Mohammed Haque leave for the Executive Session and stated that District Clerk Debi Martin should stay and that she should text Manager Haque when the Executive Session was over.

Motion by President Michaels to go into Executive Session to discuss personnel issues.

2nd by Mr. Brunn

5 ayes 0 nays 0 absent **MOTION CARRIED**

***Regular Session ended at 8:04 pm***

***Executive Session ended at 8:24 pm***

***Regular Session reconvened at 8:25 pm***



Northern Moraine Wastewater Reclamation District  
Regular Meeting Minutes  
December 14, 2021

President Michaels stated that no Board action was taken in the Executive Session concerning personnel matters.

Motion by President Michaels to empower the District Manager to award to District staff end of year performance bonuses in the amounts indicated per staff member based on the District Manager's determination of that staff member's performance over the past year and to approve an end of year performance bonus for Manager Haque in the amount as noted.

2nd by Mrs. Ryberg.

Roll Call Vote: Timothy Brunn - Aye  
Jacob Mann - Aye  
John Ragland - Aye  
Lydia Ryberg - Aye  
Ken Michaels - Aye

5 ayes 0 nays 0 absent **MOTION CARRIED**

**ADJOURNMENT**

Motion by Mrs. Ryberg to adjourn the meeting at 8:27 p.m.

2nd by Mr. Brunn

5 ayes 0 nays 0 absent **MOTION CARRIED**

Northern Moraine Wastewater Reclamation District

Treasurer Report

As of November 30, 2021

Nov 30, 21

ASSETS

Current Assets

Checking/Savings

1015 · Cash on Hand	500.00
1016 · Chase - Checking	1,457,303.32
1018 · Chase - Savings	414,902.61
1020 · Blackhawk Checking	803,647.71
1030 · Blackhawk Savings	9.01
1060 · IL Epay Funds	92,331.61

Total Checking/Savings	2,768,694.26
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Kenneth A. Michaels, Jr, President

Date

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John Ragland, Treasurer

Date

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Deborah Martin, District Clerk

Date

This report has been reviewed by Roberta C. Wajrowski, CPA



# Northern Moraine Wastewater Reclamation District

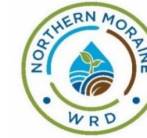
## Profit & Loss Budget vs. Actual

Accrual Basis

May 1, 2021 through November 30, 2021

	May - Nov 21	Budget	\$ Over Budget	% of Budget
<b>Ordinary Income/Expense</b>				
<b>Income</b>				
2640 · Bond Proceeds	0.00	5,000,000.00	(5,000,000.00)	0.0%
4010 · Property Tax Income	97,863.34	106,750.00	(8,886.66)	91.7%
4090 · Replacement Tax Income	1,728.14	840.00	888.14	205.7%
4300 · Sewer Permit Income	1,200.00	1,400.00	(200.00)	85.7%
4500 · Sewer Usage Income	1,613,041.99	2,750,870.00	(1,137,828.01)	58.6%
4510 · Connection Fees	527,690.38	143,920.00	383,770.38	366.7%
4520 · Penalty Income	45,258.24	59,010.00	(13,751.76)	76.7%
4600 · Refund Income	5,815.00	100.00	5,715.00	5,815.0%
4730 · Interest Income	211.21	3,500.00	(3,288.79)	6.0%
4900 · Miscellaneous Income	753.94	2,000.00	(1,246.06)	37.7%
4910 · Hauled Waste Income	40,458.30	44,530.00	(4,071.70)	90.9%
4930 · Engin. & Legal Rev. Fees	13,932.00	5,000.00	8,932.00	278.6%
<b>Total Income</b>	<b>2,347,952.54</b>	<b>8,117,920.00</b>	<b>(5,769,967.46)</b>	<b>28.9%</b>
<b>Gross Profit</b>	<b>2,347,952.54</b>	<b>8,117,920.00</b>	<b>(5,769,967.46)</b>	<b>28.9%</b>
<b>Expense</b>				
5000 · Salaries	402,558.69	791,970.00	(389,411.31)	50.8%
5010 · Payroll Tax Expense	29,746.64	59,400.00	(29,653.36)	50.1%
5020 · Payroll Expenses-other	600.00	900.00	(300.00)	66.7%
5030 · Employee Insurance	69,685.75	180,800.00	(111,114.25)	38.5%
5040 · Trainings & Seminars	4,854.74	10,600.00	(5,745.26)	45.8%
5050 · Clothing Allowance	582.14	3,000.00	(2,417.86)	19.4%
5060 · IMRF Employer Contribution Exp.	34,842.28	70,590.00	(35,747.72)	49.4%
5110 · Maintenance-Buildings	24,068.04	18,000.00	6,068.04	133.7%
5120 · Maintenance-Vehicles	6,230.33	11,000.00	(4,769.67)	56.6%
5130 · Maintenance-Equipment	12,596.11	21,500.00	(8,903.89)	58.6%
5140 · Maintenance-Utility System	24,467.95	85,000.00	(60,532.05)	28.8%
5150 · Maintenance Supplies	1,342.64	3,000.00	(1,657.36)	44.8%
5160 · Sludge Hauling	20,620.32	27,000.00	(6,379.68)	76.4%
5210 · Operating Supplies	3,632.44	8,000.00	(4,367.56)	45.4%
5220 · Motor Fuel & Lube	7,184.27	15,000.00	(7,815.73)	47.9%
5230 · Vehicle Supplies	334.83	600.00	(265.17)	55.8%
5240 · Lab Supplies	6,986.18	15,000.00	(8,013.82)	46.6%
5245 · Miscellaneous Equipment	0.00	2,000.00	(2,000.00)	0.0%
5250 · Small Tools	110.91	1,200.00	(1,089.09)	9.2%
5255 · Chemicals Expense	66,172.03	80,000.00	(13,827.97)	82.7%
5260 · Safety Equipment	9,080.89	10,500.00	(1,419.11)	86.5%
5320 · General Insurance	46,460.00	78,060.00	(31,600.00)	59.5%
5330 · Telephone Expense	21,818.33	37,390.00	(15,571.67)	58.4%
5360 · Utilities	86,978.31	153,000.00	(66,021.69)	56.8%
5361 · Security System	10,210.77	11,500.00	(1,289.23)	88.8%
5380 · Rentals	814.00	1,100.00	(286.00)	74.0%
5390 · Travel Expense	2,244.72	1,500.00	744.72	149.6%
5410 · Software Support	20,258.60	49,470.00	(29,211.40)	41.0%
5420 · Accounting Service	8,900.00	8,600.00	300.00	103.5%
5430 · Professional Lab Testing	7,044.63	7,000.00	44.63	100.6%
5435 · Julie Locate Expense	380.98	3,500.00	(3,119.02)	10.9%
5440 · Engineering Service	6,655.75	2,000.00	4,655.75	332.8%
5450 · Legal Expenses	54,937.00	41,500.00	13,437.00	132.4%
5460 · Permit Fees	18,000.00	18,000.00	0.00	100.0%
5480 · Other Professional Services	67,304.45	125,440.00	(58,135.55)	53.7%
5510 · Office Supplies	5,493.66	8,000.00	(2,506.34)	68.7%
5520 · Postage	16,120.99	25,000.00	(8,879.01)	64.5%
5530 · Website Expense	154.00	2,000.00	(1,846.00)	7.7%
5540 · Printing & Publishing	5,564.49	10,300.00	(4,735.51)	54.0%
5550 · Publications & Subscriptions	7.15	200.00	(192.85)	3.6%
5560 · Membership Dues	2,863.00	4,860.00	(1,997.00)	58.9%
5630 · Bank Service Charges	7,170.12	13,800.00	(6,629.88)	52.0%
5640 · Interest Expense	33,637.49	82,921.00	(49,283.51)	40.6%
5710 · Miscellaneous Expense	30.69	500.00	(469.31)	6.1%
5810 · Refunds	0.00	100.00	(100.00)	0.0%
<b>Total Expense</b>	<b>1,148,746.31</b>	<b>2,100,801.00</b>	<b>(952,054.69)</b>	<b>54.7%</b>
<b>Net Ordinary Income</b>	<b>1,199,206.23</b>	<b>6,017,119.00</b>	<b>(4,817,912.77)</b>	<b>19.9%</b>
<b>Other Income/Expense</b>				
<b>Other Income</b>				
4810 · Bond Proceeds & Interest	0.00	12,213,072.00	(12,213,072.00)	0.0%
4995 · Grants & Contributions	2,196.00	600,000.00	(597,804.00)	0.4%
<b>Total Other Income</b>	<b>2,196.00</b>	<b>12,813,072.00</b>	<b>(12,810,876.00)</b>	<b>0.0%</b>
<b>Other Expense</b>				
6010 · Office Equipment over \$500	366.98	2,500.00	(2,133.02)	14.7%
6030 · Capitalized Treatment Upgrade	685,689.06	13,413,296.00	(12,727,606.94)	5.1%
6040 · Bond Principal Payable	0.00	393,818.00	(393,818.00)	0.0%
6070 · Building Improvements	0.00	9,000.00	(9,000.00)	0.0%
<b>Total Other Expense</b>	<b>686,056.04</b>	<b>13,818,614.00</b>	<b>(13,132,557.96)</b>	<b>5.0%</b>
<b>Net Other Income</b>	<b>(683,860.04)</b>	<b>(1,005,542.00)</b>	<b>321,681.96</b>	<b>68.0%</b>
<b>Net Income</b>	<b>515,346.19</b>	<b>5,011,577.00</b>	<b>(4,496,230.81)</b>	<b>10.3%</b>

**NMWRD Escrow Account(s) Summary**  
**Rev. December 1st, 2021**



Project	Village	Developer	Escrow Start	Total Funding	Draws	Balance as of Dec. 1st	Notes
Buona Beef	LM	Keystone Construct LLC	12/18/2020	\$ 4,062.75	1	\$ 1,250.00	Account Current
Lakemoor Commons Lot 5 - Building A (Chipotle)	LM	Keystone Construct LLC	3/18/2021	\$ 6,378.47	12	\$ 735.88	Account Current (Nearing project completion. Will seek replenishment if we exceed remaining balance.)
Lakemoor Commons Lot 5 - Building B (Future Multi-Tenant)	LM	Keystone Construct LLC	3/18/2021	\$ 6,421.72	12	\$ 735.88	Account Current (Nearing project completion. Will seek replenishment if we exceed remaining balance.)
Lakemoor Commons Lot 5 - Building C (Future Tenant)	LM	Keystone Construct LLC	3/18/2021	\$ 6,032.47	12	\$ 735.88	Account Current (Nearing project completion. Will seek replenishment if we exceed remaining balance.)
Lakemoor Commons Lot 5 - Building D (Starbucks)	LM	Keystone Construct LLC	3/18/2021	\$ 5,989.22	12	\$ 735.88	Account Current (Nearing project completion. Will seek replenishment if we exceed remaining balance.)
Woodman's Car Wash Expansion	LM	FoxArneson, Inc.	5/20/2021	\$ 11,386.50	10	\$ 386.31	Account Current (Nearing project completion. Will seek replenishment if we exceed remaining balance.)
Dollar General	IL	CG Buckhalter LLC	9/27/2021	\$ 2,500.00	2	\$ 215.25	\$1,034.75 replenishment requested on 1/6/2022

<b>Total Funding for All Escrow Accounts to Date</b>	<b>\$ 42,771.13</b>
<i>As of November 1st, 2021</i>	

**NMWRD Sewer Connection Permit Tracking**  
**Darrell Road Special Connection Fee Collections**

\*Special Connection Fees Ordinance approved February 2020



Permit Date	Address	City	Subdivision/ Business	Permit Owner	Permit No.	Amount Paid
3/4/2020	32045 Savannah Drive	LM	Savannahs	William Ryan Homes	5643	\$ 3,248.00
3/4/2020	32046 Savannah Drive	LM	Savannahs	William Ryan Homes	5644	\$ 3,248.00
3/4/2020	32047 Savannah Drive	LM	Savannahs	William Ryan Homes	5645	\$ 3,248.00
3/25/2020	32049 Savannah Drive	LM	Savannahs	William Ryan Homes	5646	\$ 3,248.00
6/29/2020	32044 Savannah Drive	LM	Savannahs	William Ryan Homes	5647	\$ 3,248.00
6/29/2020	32054 Savannah Drive	LM	Savannahs	William Ryan Homes	5648	\$ 3,248.00
8/27/2020	32052 Savannah Drive	LM	Savannahs	William Ryan Homes	5649	\$ 3,248.00
9/10/2020	32064 Savannah Drive	LM	Savannahs	William Ryan Homes	5650	\$ 3,248.00
9/15/2020	32051 Savannah Drive	LM	Savannahs	William Ryan Homes	5651	\$ 3,248.00
9/18/2020	334 Rosedale Drive	LM	Rosedales	Buckhalter	5652	\$ 3,248.00
9/18/2020	336 Rosedale Drive	LM	Rosedales	Buckhalter	4450-A	\$ 3,248.00
9/21/2020	32038 Savannah Drive	LM	Savannahs	William Ryan Homes	5653	\$ 3,248.00
10/27/2020	32048 Savannah Drive	LM	Savannahs	William Ryan Homes	5654	\$ 3,248.00
10/27/2020	32050 Savannah Drive	LM	Savannahs	William Ryan Homes	5655	\$ 3,248.00
2/11/2021	32058 Savannah Drive	LM	Savannahs	William Ryan Homes	5656	\$ 3,248.00
3/4/2021	32057 Savannah Drive	LM	Savannahs	William Ryan Homes	5657	\$ 3,248.00
6/10/2021	31500 US Highway 12 - Buona Beef	LM	Lakemoor Commons	Lakemoor Ventures	5658	\$ 13,920.00
6/17/2021	32040 Savannah Drive	LM	Savannahs	William Ryan Homes	5659	\$ 3,248.00
6/30/2021	32056 Savannah Drive	LM	Savannahs	William Ryan Homes	5660	\$ 3,248.00
6/30/2021	32072 Savannah Drive	LM	Savannahs	William Ryan Homes	5661	\$ 3,248.00
6/30/2021	32053 Savannah Drive	LM	Savannahs	William Ryan Homes	5662	\$ 3,248.00
7/28/2021	32055 Savannah Drive	LM	Savannahs	William Ryan Homes	5663	\$ 3,248.00
7/30/2021	2317 Fenview Circle	IL	Prairie Woods	Pulte Group	5664	\$ 3,248.00
8/13/2021	27450 IL Route 120 - Building A (Chipotle)	LM	Lakemoor Commons	Lakemoor Retail Partners	5665	\$ 12,992.00
8/13/2021	27450 IL Route 120 - Building B (Future Multi-Tenant)	LM	Lakemoor Commons	Lakemoor Retail Partners	5666	\$ 13,920.00
8/13/2021	27450 IL Route 120 - Building C/D (Future Tenant and Starbucks)	LM	Lakemoor Commons	Lakemoor Retail Partners	5667	\$ 13,920.00
8/17/2021	28601 Augusta Lane	LM	Savannahs	William Ryan Homes	5669	\$ 3,248.00
8/23/2021	32060 Savannah Drive	LM	Savannahs	William Ryan Homes	5668	\$ 3,248.00
9/21/2021	27565 IL Route 120 - Woodman's Car Wash	LM	Lakemoor Commons	Woodmans / J Pease Construction	5634-A	\$ 32,480.00
10/27/2021	32062 Savannah Drive	LM	Savannahs	William Ryan Homes	5670	\$ 3,248.00
11/17/2021	28607 Augusta Lane	LM	Savannahs	William Ryan Homes	5671	\$ 3,248.00
12/21/2021	2408 Fenview Circle	IL	Prairie Woods	Pulte Group / Veruna LLC	5673	\$ 3,248.00
12/21/2021	2433 Fenview Circle	IL	Prairie Woods	Pulte Group / Veruna LLC	5674	\$ 3,248.00
12/21/2021	1935 Foxridge Drive	IL	Prairie Woods	Pulte Group / Veruna LLC	5675	\$ 3,248.00
12/21/2021	1929 Foxridge Drive	IL	Prairie Woods	Pulte Group / Veruna LLC	5676	\$ 3,248.00
1/4/2022	32030 Savannah Drive	LM	Savannahs	William Ryan Homes	5677	\$ 3,248.00

**Cumulative Total: \$ 184,672.00**



## NORTHERN MORAIN WRD

### Northern Moraine WRD Project Grant Tracking

Rev. January 6, 2022

Project	Year	Program	Agency	Grant Requested	Expected Grant Amount	Project Amount	Date Applied	Status
Darrell Road Unsewered Facilities Project – All Phases	2020	Rebuild Illinois Public Infrastructure Grant Program	DCEO	\$4,995,160	-	\$18,500,493	6/24/2020	Under Review
Control Building Electrical Upgrades Project	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	Awarded/ In-Progress
Unsewered Community – Village of Holiday Hills	2020	Unsewered Communities Construction Grant Program	IEPA	\$3,495,600	\$3,495,000	\$6,700,000	12/31/2020	Awarded/ In Progress
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	Waiting on Receipt of the Grant Agreement from DCEO
*Darrell Road Unsewered Facilities Project	2021	FY2022 Appropriations Request Form IL-14 (Google Form)	US House Representative Underwood	\$18,350,520	-	\$18,350,000	3/5/2021	Not Awarded
Unsewered Community – Village of Holiday Hills	2021	FEMA – Building Resilient Infrastructure and Communities (BRIC)	US Dept. of Homeland Security, FEMA	TBD	-	\$6,700,000	9/30/2021	Coordinating w/ R1Planning, McHenry Co., TAI, & Tryon Govt. Consulting
<b>Expected Grant Amount (rev. November 2021)</b>					<b>\$4,095,600</b>			

\*District made the same request to US House Representative Underwood's Office for Holiday Hills full project cost. This was done prior to the District being informed that the Unsewered community grant was approved.



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**Northern Moraine WRD - Septage Receiving Tracking**  
**FY 2021-22**



Month	Loads	Gallons	Revenue FY21-22	Revenue FY20-21
May-21	20	67,300	\$3,814.40	\$3,396.60
Jun-21	18	64,400	\$3,610.80	\$3,763.80
Jul-21	20	69,700	\$3,937.20	\$4,528.80
Aug-21	36	122,000	\$6,839.10	\$2,927.40
Sep-21	37	123,150	\$7,032.90	\$3,937.20
Oct-21	47	151,950	\$8,858.70	\$4,018.80
Nov-21	34	111,650	\$6,369.90	\$3,488.40
Dec-21	23	77,181	\$4,345.20	\$1,285.20
Jan-21	-	-	-	\$1,632.00
Feb-21	-	-	-	\$734.40
Mar-21	-	-	-	\$5,151.00
Apr-21	-	-	-	\$4,763.40
<b>Total</b>	<b>235</b>	<b>787,331</b>	<b>\$44,808.20</b>	<b>\$39,627.00</b>

	Date	Company Name	Gallons	Cost/Gal	Revenue	Time	Type
May	5/3/2021	Comm. Sewer	2700	Flat Rate	\$173.40	10:30 AM	Septic
	5/5/2021	Comm. Sewer	2300	Flat Rate	\$173.40	10:00 AM	Septic
	5/5/2021	Weidner	3750	Flat Rate	\$204.00	12:10 PM	Septic
	5/6/2021	Weidner	3600	Flat Rate	\$204.00	-	Septic
	5/7/2021	Weidner	3500	Flat Rate	\$204.00	9:50 AM	Septic
	5/7/2021	Comm. Sewer	2700	Flat Rate	\$173.40	10:30 AM	Septic
	5/7/2021	Helmer	3500	Flat Rate	\$183.60	12:10 PM	Septic
	5/7/2021	Comm. Sewer	2700	Flat Rate	\$173.40	1:30 PM	Septic
	5/7/2021	Weidner	3750	Flat Rate	\$204.00	9:15 AM	Septic
	5/10/2021	Weidner	3750	Flat Rate	\$204.00	1:20 PM	Septic
	5/11/2021	Weidner	3700	Flat Rate	\$204.00	1:15 PM	Septic
	5/13/2021	Weidner	3500	Flat Rate	\$204.00	8:30 AM	Septic
	5/14/2021	Comm. Sewer	3750	Flat Rate	\$173.40	10:23 AM	Septic
	5/18/2021	Comm. Sewer	3000	Flat Rate	\$173.40	-	Septic
	5/20/2021	Weidner	3800	Flat Rate	\$204.00	9:15 AM	Septic
	5/21/2021	Weidner	3800	Flat Rate	\$204.00	9:00 AM	Septic
	5/21/2021	Weidner	3800	Flat Rate	\$204.00	11:30 AM	Septic
	5/25/2021	Comm. Sewer	3000	Flat Rate	\$173.00	11:50 AM	Septic
June	5/25/2021	Weidner	3700	Flat Rate	\$204.00	10:30 AM	Septic
	5/27/2021	Comm. Sewer	3000	Flat Rate	\$173.40	12:00 PM	Septic
	6/2/2021	Weidner	3800	Flat Rate	\$204.00	9:45 AM	Septic
	6/3/2021	Weidner	3500	Flat Rate	\$204.00	9:00 AM	Septic
	6/3/2021	Comm. Sewer	2800	Flat Rate	\$173.40	12:00 PM	Septic
	6/3/2021	Weidner	3800	Flat Rate	\$204.00	1:00 PM	Septic
	6/4/2021	Comm. Sewer	3200	Flat Rate	\$173.40	8:15 AM	Septic
	6/4/2021	Weidner	3750	Flat Rate	\$204.00	12:50 PM	Septic
	6/8/2021	Weidner	3300	Flat Rate	\$204.00	9:15 AM	Septic
	6/8/2021	Weidner	3600	Flat Rate	\$204.00	2:15 PM	Septic
	6/10/2021	Weidner	3750	Flat Rate	\$204.00	9:00 AM	Septic
	6/11/2021	Weidner	3700	Flat Rate	\$204.00	8:30 AM	Septic
	6/16/2021	Weidner	3400	Flat Rate	\$204.00	9:20 AM	Septic
	6/18/2021	Weidner	3500	Flat Rate	\$204.00	9:20 AM	Septic
	6/18/2021	Weidner	3800	Flat Rate	\$204.00	12:05 PM	Septic
	6/22/2021	Weidner	3700	Flat Rate	\$204.00	1:20 PM	Septic
	6/23/2021	Weidner	3800	Flat Rate	\$204.00	9:15 AM	Septic
	6/24/2021	Weidner	3500	Flat Rate	\$204.00	9:50 AM	Septic
	6/29/2021	Weidner	3700	Flat Rate	\$204.00	2:00 PM	Septic
	6/30/2021	Weidner	3800	Flat Rate	\$204.00	12:00 PM	Septic

July	7/1/2021	Weidner	3600	Flat Rate	\$204.00	8:35 AM	Septic
	7/1/2021	Weidner	3700	Flat Rate	\$204.00	11:20 AM	Septic
	7/7/2021	Weidner	3800	Flat Rate	\$204.00	2:15 PM	Septic
	7/8/2021	Weidner	3600	Flat Rate	\$204.00	8:40 AM	Septic
	7/8/2021	Helmer	2700	Flat Rate	\$183.60	9:20 AM	Septic
	7/8/2021	Helmer	2800	Flat Rate	\$183.60	2:20 PM	Septic
	7/8/2021	Weidner	3800	Flat Rate	\$204.00	3:00 PM	Septic
	7/9/2021	Comm. Sewer	3000	Flat Rate	\$173.40	12:30 PM	Septic
	7/9/2021	Weidner	3000	Flat Rate	\$183.60	1:30 PM	Septic
	7/12/2021	Weidner	3800	Flat Rate	\$204.00	9:00 AM	Septic
	7/13/2021	Weidner	3800	Flat Rate	\$204.00	9:20 AM	Septic
	7/15/2021	Weidner	3500	Flat Rate	\$204.00	12:40 PM	Septic
	7/16/2021	Weidner	3800	Flat Rate	\$204.00	9:15 AM	Septic
	7/19/2021	Weidner	3800	Flat Rate	\$204.00	10:00 AM	Septic
	7/20/2021	Weidner	3600	Flat Rate	\$204.00	12:00 PM	Septic
	7/23/2021	Weidner	3800	Flat Rate	\$204.00	10:30 AM	Septic
	7/28/2021	Helmer	3000	Flat Rate	\$183.60	10:50 AM	Septic
	7/28/2021	Weidner	3800	Flat Rate	\$204.00	9:05 AM	Septic
	7/29/2021	Weidner	3800	Flat Rate	\$204.00	-	Septic
	7/30/2020	Comm. Sewer	3000	Flat Rate	\$173.40	-	Septic
August	8/2/2021	Weidner	3700	Flat Rate	\$204.00	12:20 PM	Septic
	8/3/2021	Weidner	3800	Flat Rate	\$204.00	9:15 AM	Septic
	8/3/2021	Helmer	3500	Flat Rate	\$183.60	7:10 AM	Septic
	8/3/2021	Comm. Sewer	3000	Flat Rate	\$173.40	10:30 AM	Septic
	8/4/2021	Weidner	3800	Flat Rate	\$204.00	12:15 PM	Septic
	8/5/2021	Weidner	3700	Flat Rate	\$204.00	12:00 PM	Septic
	8/5/2021	Comm. Sewer	3400	Flat Rate	\$173.40	2:45 PM	Septic
	8/6/2021	Weidner	3800	Flat Rate	\$204.00	9:50 AM	Septic
	8/6/2021	Helmer	3200	Flat Rate	\$183.60	10:30 AM	Septic
	8/9/2021	Weidner	3700	Flat Rate	\$204.00	9:15 AM	Septic
	8/10/2021	Weidner	3600	Flat Rate	\$204.00	8:40 AM	Septic
	8/10/2021	Comm. Sewer	3400	Flat Rate	\$173.40	2:30 PM	Septic
	8/11/2021	Weidner	3000	Flat Rate	\$204.00	9:00 AM	Septic
	8/13/2021	Weidner	3400	Flat Rate	\$204.00	9:00 AM	Septic
	8/13/2021	Comm. Sewer	3000	Flat Rate	\$173.40	1:30 PM	Septic
	8/17/2021	Weidner	3800	Flat Rate	\$204.00	12:10 PM	Septic
	8/17/2021	Helmer	3200	Flat Rate	\$183.60	8:00 AM	Septic
	8/18/2021	Comm. Sewer	3000	Flat Rate	\$173.40	12:30 PM	Septic
	8/19/2021	Weidner	3800	Flat Rate	\$204.00	1:30 PM	Septic
	8/19/2021	Helmer	3500	Flat Rate	\$183.60	10:30 AM	Septic
	8/19/2021	Comm. Sewer	3400	Flat Rate	\$173.40	1:00 PM	Septic
	8/20/2021	Weidner	3600	Flat Rate	\$204.00	9:15 AM	Septic
	8/20/2021	Weidner	3800	Flat Rate	\$204.00	12:00 PM	Septic
	8/23/2021	Helmer	3200	Flat Rate	\$183.60	-	Septic
	8/24/2021	Weidner	3350	Flat Rate	\$204.00	8:45 AM	Septic
	8/25/2021	Helmer	3250	Flat Rate	\$183.60	9:30 AM	Septic
	8/25/2021	Helmer	3200	Flat Rate	\$183.60	7:45 AM	Septic
	8/26/2021	Weidner	3800	Flat Rate	\$204.00	9:20 AM	Septic
	8/26/2021	Comm. Sewer	3000	Flat Rate	\$173.40	9:30 AM	Septic
	8/26/2021	Comm. Sewer	2000	Flat Rate	\$173.40	11:30 AM	Septic
	8/26/2021	Aarow	3500	Flat Rate	\$178.50	12:20 PM	Septic
	8/27/2021	Weidner	3800	Flat Rate	\$204.00	9:30 AM	Septic
	8/27/2021	Helmer	3000	Flat Rate	\$183.60	8:30 AM	Septic
	8/27/2021	Comm. Sewer	3000	Flat Rate	\$173.40	8:30 AM	Septic
	8/31/2021	Helmer	3400	Flat Rate	\$183.60	11:30 AM	Septic
	8/31/2021	Helmer	3400	Flat Rate	\$183.60	1:20 PM	Septic

September	9/1/2021	Arrow	3500	Flat Rate	\$178.50	9:40 AM	Septic
	9/1/2021	Comm. Sewer	3000	Flat Rate	\$173.40	12:00 PM	Septic
	9/1/2021	Comm. Sewer	3000	Flat Rate	\$173.40	3:30 PM	Septic
	9/2/2021	Arrow	3000	Flat Rate	\$178.50	10:55 AM	Septic
	9/2/2021	Weidner	3800	Flat Rate	\$204.00	9:15 AM	Septic
	9/3/2021	Weidner	3750	Flat Rate	\$204.00	9:15 AM	Septic
	9/8/2021	Weidner	3500	Flat Rate	\$204.00	9:20 AM	Septic
	9/8/2021	Weidner	3800	Flat Rate	\$204.00	11:15 AM	Septic
	9/8/2021	Helmer	3200	Flat Rate	\$183.60	10:30 AM	Septic
	9/9/2021	Arrow	3000	Flat Rate	\$178.50	9:55 AM	Septic
	9/9/2021	Weidner	3600	Flat Rate	\$204.00	8:10 AM	Septic
	9/9/2021	Weidner	3800	Flat Rate	\$204.00	9:10 AM	Septic
	9/10/2021	Arrow	3450	Flat Rate	\$178.50	10:15 AM	Septic
	9/10/2021	Helmer	3000	Flat Rate	\$183.60	1:00 PM	Septic
	9/10/2021	Weidner	3800	Flat Rate	\$204.00	9:30 AM	Septic
	9/13/2021	Helmer	3000	Flat Rate	\$183.60	11:40 AM	Septic
	9/14/2021	Arrow	2000	Flat Rate	\$178.50	12:45 PM	Septic
	9/14/2021	Helmer	2900	Flat Rate	\$183.60	9:45 AM	Septic
	9/14/2021	Weidner	3500	Flat Rate	\$204.00	9:05 AM	Septic
	9/15/2021	Comm. Sewer	2500	Flat Rate	\$173.40	11:00 AM	Septic
	9/15/2021	Comm. Sewer	2500	Flat Rate	\$173.40	3:00 PM	Septic
	9/15/2021	Weidner	3800	Flat Rate	\$204.00	8:30 AM	Septic
	9/15/2021	Weidner	3600	Flat Rate	\$204.00	1:20 PM	Septic
	9/16/2021	Helmer	3100	Flat Rate	\$183.60	8:30 AM	Septic
	9/17/2021	Weidner	3800	Flat Rate	\$204.00	9:15 AM	Septic
	9/20/2021	Helmer	3600	Flat Rate	\$183.60	10:40 AM	Septic
	9/21/2021	Comm. Sewer	3000	Flat Rate	\$173.40	11:30 AM	Septic
	9/21/2021	Weidner	3750	Flat Rate	\$204.00	1:45 PM	Septic
	9/22/2021	Weidner	3800	Flat Rate	\$204.00	12:15 PM	Septic
	9/24/2021	Helmer	3000	Flat Rate	\$183.60	10:10 AM	Septic
	9/24/2021	Weidner	3750	Flat Rate	\$204.00	9:15 AM	Septic
	9/24/2021	Weidner	3800	Flat Rate	\$204.00	12:15 PM	Septic
	9/26/2021	Comm. Sewer	3000	Flat Rate	\$173.40	9:00AM	Septic
	9/27/2021	Weidner	3750	Flat Rate	\$204.00	9:25 AM	Septic
	9/29/2021	Helmer	3100	Flat Rate	\$183.60	2:45 PM	Septic
	9/30/2021	Helmer	3600	Flat Rate	\$183.60	1:20 PM	Septic
	9/30/2021	Helmer	3100	Flat Rate	\$183.60	10:30 AM	Septic

October	10/1/2021	Weidner	3500	Flat Rate	\$204.00	8:50 AM	Septic
	10/4/2021	Helmer	3300	Flat Rate	\$183.60	9:30 AM	Septic
	10/4/2021	Weidner	3800	Flat Rate	\$204.00	11:30 AM	Septic
	10/4/2021	Helmer	3200	Flat Rate	\$183.60	12:40 PM	Septic
	10/5/2021	Comm. Sewer	1500	Flat Rate	\$173.40	11:15 AM	Septic
	10/5/2021	Weidner	3800	Flat Rate	\$204.00	9:15 AM	Septic
	10/6/2021	Weidner	3600	Flat Rate	\$204.00	9:20 AM	Septic
	10/6/2021	Comm. Sewer	3000	Flat Rate	\$173.40	11:00 AM	Septic
	10/6/2021	Helmer	3200	Flat Rate	\$183.60	12:30- PM	Septic
	10/7/2021	Weidner	3700	Flat Rate	\$204.00	9:15 AM	Septic
	10/7/2021	Aarow	3500	Flat Rate	\$178.50	2:15 PM	Septic
	10/8/2021	Weidner	3800	Flat Rate	\$204.00	12:30 PM	Septic
	10/8/2021	Comm. Sewer	3200	Flat Rate	\$173.40	1:00 PM	Septic
	10/8/2021	Aarow	3250	Flat Rate	\$178.50	1:35 PM	Septic
	10/12/2021	Weidner	3800	Flat Rate	\$204.00	9:10 AM	Septic
	10/12/2021	Helmer	3400	Flat Rate	\$183.60	10:00 AM	Septic
	10/12/2021	Aarow	2750	Flat Rate	\$178.50	10:30 AM	Septic
	10/13/2021	Comm. Sewer	1500	Flat Rate	\$173.40	10:45 AM	Septic
	10/13/2021	Comm. Sewer	2000	Flat Rate	\$173.40	1:30 PM	Septic
	10/13/2021	Helmer	3250	Flat Rate	\$183.60	9:30 AM	Septic
	10/14/2021	Weidner	3800	Flat Rate	\$204.00	9:20 AM	Septic
	10/15/2021	Comm. Sewer	2700	Flat Rate	\$173.40	9:00 AM	Septic
	10/15/2021	Helmer	3600	Flat Rate	\$183.60	10:00 AM	Septic
	10/15/2021	Weidner	3000	Flat Rate	\$204.00	11:10 AM	Septic
	10/15/2021	Comm. Sewer	3000	Flat Rate	\$173.40	12:00 PM	Septic
	10/15/2021	Weidner	3500	Flat Rate	\$204.00	2:30 PM	Septic
	10/18/2021	Weidner	3600	Flat Rate	\$204.00	9:40 AM	Septic
	10/19/2021	Weidner	3700	Flat Rate	\$204.00	9:40 AM	Septic
	10/19/2021	Helmer	3600	Flat Rate	\$183.60	10:30 AM	Septic
	10/19/2021	Helmer	2850	Flat Rate	\$183.60	1:00 PM	Septic
	10/20/2021	Weidner	3800	Flat Rate	\$204.00	9:00 AM	Septic
	10/21/2021	Comm. Sewer	2950	Flat Rate	\$173.40	9:00 AM	Septic
	10/21/2021	Helmer	3500	Flat Rate	\$183.60	9:00 AM	Septic
	10/21/2021	Comm. Sewer	3000	Flat Rate	\$173.40	10:00 AM	Septic
	10/22/2021	Weidner	3700	Flat Rate	\$204.00	11:25 AM	Septic
	10/25/2021	Helmer	3500	Flat Rate	\$183.60	9:35 AM	Septic
	10/26/2021	Aarow	1500	Flat Rate	\$178.50	11:30 AM	Septic
	10/26/2021	Aarow	3000	Flat Rate	\$178.50	1:35 PM	Septic
	10/27/2021	Helmer	3600	Flat Rate	\$183.60	10:00 AM	Septic
	10/27/2021	Weidner	3800	Flat Rate	\$204.00	10:30 AM	Septic
	10/27/2021	Helmer	3000	Flat Rate	\$183.60	12:00 PM	Septic
	10/28/2021	Comm. Sewer	3000	Flat Rate	\$173.40	10:00 AM	Septic
	10/28/2021	Comm. Sewer	3000	Flat Rate	\$173.40	12:30 PM	Septic
	10/28/2021	Weidner	3800	Flat Rate	\$204.00	9:00 AM	Septic
	10/29/2021	Weidner	3800	Flat Rate	\$204.00	8:55 AM	Septic
	10/29/2021	Helmer	3100	Flat Rate	\$183.60	11:50 AM	Septic
	10/29/2021	Weidner	3500	Flat Rate	\$204.00	12:45 PM	Septic



November	11/2/2021	Weidner	3500	Flat Rate	\$204.00	9:10 AM	Septic
	11/2/2021	Comm. Sewer	3100	Flat Rate	\$173.40	10:30 AM	Septic
	11/2/2021	Helmer	3200	Flat Rate	\$183.60	10:45 AM	Septic
	11/3/2021	Aarow	3500	Flat Rate	\$183.60	12:10 PM	Septic
	11/3/2021	Comm. Sewer	3000	Flat Rate	\$173.40	2:30 PM	Septic
	11/3/2021	Weidner	3500	Flat Rate	\$204.00	9:25 AM	Septic
	11/4/2021	Comm. Sewer	3000	Flat Rate	\$173.40	10:00 AM	Septic
	11/4/2021	Weidner	3500	Flat Rate	\$204.00	9:15 AM	Septic
	11/5/2021	Aarow	3250	Flat Rate	\$178.50	12:30 PM	Septic
	11/5/2021	Weidner	3800	Flat Rate	\$204.00	2:30 PM	Septic
	11/8/2021	Comm. Sewer	2600	Flat Rate	\$173.40	8:45 AM	Septic
	11/8/2021	Helmer	3600	Flat Rate	\$183.60	10:45 AM	Septic
	11/9/2021	Aarow	2500	Flat Rate	\$183.60	10:10 AM	Septic
	11/9/2021	Comm. Sewer	2600	Flat Rate	\$173.40	11:10 AM	Septic
	11/9/2021	Weidner	3800	Flat Rate	\$204.00	9:15 AM	Septic
	11/10/2021	Helmer	3500	Flat Rate	\$183.60	11:30 AM	Septic
	11/10/2021	Weidner	3800	Flat Rate	\$204.00	8:45 AM	Septic
	11/11/2021	Comm. Sewer	3000	Flat Rate	\$173.40	1:15 PM	Septic
	11/12/2021	Comm. Sewer	3000	Flat Rate	\$173.40	1:20 PM	Septic
	11/12/2021	Helmer	3100	Flat Rate	\$183.60	11:30 AM	Septic
	11/15/2021	Comm. Sewer	2600	Flat Rate	\$173.40	12:30 PM	Septic
	11/15/2021	Comm. Sewer	2600	Flat Rate	\$173.40	9:40 AM	Septic
	11/16/2021	Comm. Sewer	2600	Flat Rate	\$173.40	1:15 PM	Septic
	11/16/2021	Helmer	3600	Flat Rate	\$183.60	12:45 PM	Septic
	11/16/2021	Weidner	3500	Flat Rate	\$204.00	2:00 PM	Septic
	11/18/2021	Helmer	3500	Flat Rate	\$183.60	12:30 PM	Septic
	11/18/2021	Weidner	3500	Flat Rate	\$204.00	9:10 AM	Septic
	11/19/2021	Weidner	3800	Flat Rate	\$204.00	9:05 AM	Septic
	11/22/2021	Comm. Sewer	3000	Flat Rate	\$173.40	-	Septic
	11/22/2021	Weidner	3500	Flat Rate	\$204.00	9:10 AM	Septic
	11/23/2021	Helmer	3500	Flat Rate	\$183.60	11:00 AM	Septic
	11/24/2021	Helmer	3500	Flat Rate	\$183.60	11:30 AM	Septic
	11/24/2021	Weidner	3800	Flat Rate	\$204.00	9:25 AM	Septic
	11/29/2021	Weidner	3800	Flat Rate	\$204.00	10:30 AM	Septic
December	12/3/2021	Comm. Sewer	3000	Flat Rate	\$173.40	7:30 AM	Septic
	12/3/2021	Helmer	3000	Flat Rate	\$183.60	8:30 AM	Septic
	12/3/2021	Helmer	3000	Flat Rate	\$183.60	10:25 AM	Septic
	12/3/2021	Weidner	3600	Flat Rate	\$204.00	9:40 AM	Septic
	12/8/2021	Helmer	3250	Flat Rate	\$183.60	10:35 AM	Septic
	12/8/2021	Weidner	3800	Flat Rate	\$204.00	1:30 PM	Septic
	12/9/2021	Helmer	3250	Flat Rate	\$183.60	9:45 AM	Septic
	12/9/2021	Weidner	3700	Flat Rate	\$204.00	1:30 PM	Septic
	12/10/2021	Comm. Sewer	3200	Flat Rate	\$173.40	-	Septic
	12/13/2021	Comm. Sewer	3000	Flat Rate	\$173.40	9:00 AM	Septic
	12/13/2021	Weidner	3300	Flat Rate	\$183.60	11:20 AM	Septic
	12/14/2021	Helmer	2950	Flat Rate	\$183.60	10:00 AM	Septic
	12/15/2021	Helmer	3250	Flat Rate	\$183.60	11:15 AM	Septic
	12/16/2021	Weidner	3700	Flat Rate	\$204.00	12:00 PM	Septic
	12/20/2021	Helmer	3600	Flat Rate	\$183.60	9:30 AM	Septic
	12/20/2021	Weidner	3800	Flat Rate	\$204.00	11:35 AM	Septic
	12/22/2021	Helmer	3400	Flat Rate	\$183.60	10:30 AM	Septic
	12/23/2021	Comm. Sewer	3000	Flat Rate	\$173.40	11:30 AM	Septic
	12/23/2021	Helmer	3281	Flat Rate	\$183.60	10:30 AM	Septic
	12/23/2021	Weidner	3800	Flat Rate	\$204.00	2:00 PM	Septic
	12/28/2021	Weidner	3700	Flat Rate	\$204.00	9:10 AM	Septic
	12/29/2021	Helmer	3050	Flat Rate	\$183.60	12:30 PM	Septic
	12/23/2022	Weidner	3550	Flat Rate	\$204.00	9:30 AM	Septic

**NMWRD Service Connection Permit Tracking**  
FY 2021-22



Permit Date	Address	City	Subdivision/ Business	Re-Connect, Repair, Demo or New Connection	Permit Owner	Permit No.	Connection/ Inspection Fee	Darrell Road Special Connection Fee
6/10/2021	31500 US Highway 12 - Buona Beef	LM	Lakemoor Commons	New Connection	Lakemoor Ventures	5658	\$ 32,565.00	\$ 13,920.00
6/17/2021	32040 Savannah Drive	LM	Savannahs	New Connection	William Ryan Homes	5659	\$ 7,674.00	\$ 3,248.00
6/30/2021	32056 Savannah Drive	LM	Savannahs	New Connection	William Ryan Homes	5660	\$ 7,674.00	\$ 3,248.00
6/30/2021	32072 Savannah Drive	LM	Savannahs	New Connection	William Ryan Homes	5661	\$ 7,674.00	\$ 3,248.00
6/30/2021	32053 Savannah Drive	LM	Savannahs	New Connection	William Ryan Homes	5662	\$ 7,674.00	\$ 3,248.00
7/7/2021	110 Southern Terrace Drive	IL	Island Lake Estates	Repair	Kullas	624-A	\$ -	\$ -
7/28/2021	32055 Savannah Drive	LM	Savannahs	New Connection	William Ryan Homes	5663	\$ 7,674.00	\$ 3,248.00
7/30/2021	2317 Fenview Circle	IL	Prairie Woods	New Connection	Pulte Group	5664	\$ 7,674.00	\$ 3,248.00
8/13/2021	27450 IL Route 120 - Building A (Chipotle)	LM	Lakemoor Commons	New Connection	Lakemoor Retail Partners	5665	\$ 30,396.00	\$ 12,992.00
8/13/2021	27450 IL Route 120 - Building B (Future Multi-Tenant)	LM	Lakemoor Commons	New Connection	Lakemoor Retail Partners	5666	\$ 32,865.00	\$ 13,920.00
8/13/2021	27450 IL Route 120 - Building C/D (Future Tenant and Starbucks)	LM	Lakemoor Commons	New Connection	Lakemoor Retail Partners	5667	\$ 32,665.00	\$ 13,920.00
8/17/2021	28601 Augusta Lane	LM	Savannahs	New Connection	William Ryan Homes	5669	\$ 7,674.00	\$ 3,248.00
8/23/2021	32060 Savannah Drive	LM	Savannahs	New Connection	William Ryan Homes	5668	\$ 7,674.00	\$ 3,248.00
9/21/2021	27565 IL Route 120 - Woodman's Car Wash	LM	Lakemoor Commons	Expansion	Woodmans / J Pease Construction	5634-A	\$ 194,755.00	\$ 32,480.00
10/27/2021	32062 Savannah Drive	LM	Savannahs	New Connection	William Ryan Homes	5670	\$ 7,674.00	\$ 3,248.00
11/17/2021	28607 Augusta Lane	LM	Savannahs	New Connection	William Ryan Homes	5671	\$ 7,674.00	\$ 3,248.00
12/21/2021	2408 Fenview Circle	IL	Prairie Woods	New Connection	Pulte Group / Veruna LLC	5673	\$ 7,674.00	\$ 3,248.00
12/21/2021	2433 Fenview Circle	IL	Prairie Woods	New Connection	Pulte Group / Veruna LLC	5674	\$ 7,674.00	\$ 3,248.00
12/21/2021	1935 Foxridge Drive	IL	Prairie Woods	New Connection	Pulte Group / Veruna LLC	5675	\$ 7,674.00	\$ 3,248.00
12/21/2021	1929 Foxridge Drive	IL	Prairie Woods	New Connection	Pulte Group / Veruna LLC	5676	\$ 7,674.00	\$ 3,248.00
1/4/2022	32030 Savannah Drive	LM	Savannahs	New Connection	William Ryan Homes	5677	\$ 7,674.00	\$ 3,248.00

	Standard Connections	Darrel Road Connections
<b>FY 2021 - 2022 Total:</b>	\$ 438,356.00	\$ 135,952.00
<b>Approved Budget FY 2021 - 2022</b>	\$ 122,584.00	\$ 22,736.00
<b>Approved +/- vs. Current YTD</b>	\$ 315,772.00	\$ 113,216.00



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## NMWRD December 2021 Operations Report

January 6<sup>th</sup>, 2021

Prepared by: Luke Markko, Superintendent

**Rising Lead Times & Prices** – We appear to have reached a moment of stability in this area for now. While prices and lead times have increased, adjustments have been made in light of these changes to maintain operations. We will continue to maintain regular contact with our suppliers to stay in front of any changes and make proactive adjustments to material and equipment procurements.

- **eOne Pumps** – The District is currently maintaining an adequate inventory of eOne grinder pumps for the low-pressure system serving the approximately 250 residences in the Fox River Valley Gardens neighborhood in Port Barrington following the supply chain shortages that came to a head this past September. Inventory has dropped from 22 pumps in October to 16. Our last update on lead times was 16 weeks. A resupply order is being put together at this time.
- **Vehicles** – No Change – Status Uncertain: The 2009 Ford F-450 Mini-Dump vehicle was budgeted for replacement and an order was submitted to have the replacement chassis built. However, we received correspondence that there is very real possibility that the vehicle may not even hit the assembly line to be built. The same goes for an F-250 pickup that was ordered. The ongoing microchip shortage that has been making news headlines for several months now is to blame according to the dealerships with the vehicle bid contracts.
- **Polymer** – No Change – Status Stable: The District utilizes polymer in the dewatering stage of solids handling. It is mixed with the sludge prior to entering the centrifuge to promote water/solids separation prior to the biosolids being dried and then stored prior to farm application. We have seen no indication of price increases yet, but it can be expected to come soon, especially with a contracted bid price expiring at the end of April. Lead times have been climbing significantly. An order that was once fulfilled in a week went to 7 weeks and is now at 12 weeks. Orders have been scheduled through April 2022 with the last order providing a 6-month supply that will see us into October. This will see us past the expiration of our currently contracted bid price and maximize the value until we need to place an order under a new contract in FY 22'-23'.
- **Disinfection Chemicals** – No Change – Status Stable: The District currently utilizes chemical addition for disinfection of the final effluent leaving the facility before it is reintroduced to the environment. This accomplished with Sodium Hypochlorite, essentially a concentrated bleach solution and Sodium Bisulfite, a chemical that is added to neutralize any remaining free chlorine in the water prior to discharge. These chemicals are critical in meeting our IEPA NPDES permit requirements for fecal coliform limits and residual chlorine limits. While there have not been any troubles with the Sodium Bisulfite yet, it can be expected to succumb to the lead time and cost increases we are seeing elsewhere. October saw a new negotiated price on sodium hypochlorite take our cost jump from \$1.06 per gallon to \$1.50 per gallon. This significant increase in cost has prompted staff to begin further optimizing the chemical usage in our disinfection process, while keeping the final effluent fecal coliform concentrations within NPDES permitted limits.



### Rising Lead Times & Prices Cont...

- **Phosphorous Removal Chemical – *No Change – Status Stable:*** The is the most recent item to see supply chain impacts. The District utilizes a poly aluminum chloride solution to remove dissolved phosphorus from the wastewater during the treatment process. While product lead times have not been impacted, prices can be expected to climb. We currently have a contracted bid price of \$3.09 per gallon with our supplier, Chemtrade Logistics. Chemtrade Logistics recently indicated that they were going to be increasing our cost to \$4.73 per gallon until they were reminded that they have a contracted bid price valid through April. However, this is a good indication of where a future bid price may be.

**Sludge Conveyor** – We have been informed that the second conveyor has been assembled and is currently awaiting shipment from Iowa. Our winterization modifications consisting of electric heat trace and reflective insulation have had their first exposures to cold weather operation. The latter half of December brought with it below-freezing temperatures and the first week of January allowed us to test operation in the single digits. The conveyor has performed remarkably well thus far. However, we still have a lot of winter ahead of us, and we will be resting easier once we have an additional conveyor to serve as a backup. District staff continue working with Don's Welding, a local welder/fabricator, to fabricate an enclosed hopper to bridge the gap between the conveyor exiting the Dewatering Building and the mobile conveyor outside. While improving aesthetics, the hopper has several functional advantages. It will provide additional safety by creating a physical barrier in front of moving parts, protect against weather by keeping rainwater out of the sludge we've worked so hard to dry out, and it can have additional heat trace and insulation installed to further protect against freezing conditions.



Sludge being conveyed at a balmy 2°F!



Once enclosed there will be further heat retention.



**Televising Camera** – Repairs have been completed on the televising camera module and it will be put back into use. Staff were able continue televising operations via the use of a loaner unit that was supplied as repairs were made to the District’s camera module. We were informed that finding support for the particular model of camera module the District currently owns may become increasingly difficult due to it’s age. The camera equipment dates to 2010.



Recently repaired camera module ready to be installed.



Camera module will be installed on transport tractor as seen above.

**Control Building Electrical Upgrades:** See Engineering Report for Additional Details: District Staff and those of Trotter and Associates participated in a pre-construction meeting with a representative from Pieper Electric, Inc. to review the Control Building Electrical Upgrade project. In summary, this project involves the removal, replacement, and relocation of power distribution equipment for the wastewater treatment plant. A timeline was put forth with mobilization beginning this coming February and an estimated final completion date in early June. Operations staff will be preparing for this work by removing equipment and materials from the work areas in advance of the project commencement.

**Treatment Plant Emergency Generator** – Over the last several years, we have found ourselves making costly repairs to the generator that supplies emergency power in the event of an electrical outage. Installed in 1998, it has had the main controller replaced several times, and has had portions of those controllers replaced due to failure. Recently the contactor that supplies power to the block heater has failed, requiring a replacement part to be ordered. We will begin evaluating a suitable replacement and costs. *Update: Following repairs to the generator block heater, a coolant leak has developed on the engine body. This will require some disassembly of the engine to replace gaskets and replace coolant at a planned time in the future. Alternate Power is the District’s current contracted generator servicer. They have ordered the necessary parts and are awaiting their arrival prior to scheduling the repairs. District Staff have instructed Trotter and Associates to begin a project file on the replacement of the treatment plant backup generator.*







## NORTHERN MORaine W R D

**WWTP Access Improvements:** *See Engineer's Report for additional information.* The curb that was laid at an improper elevation has been removed and additional stone has been laid and graded to provide access to the western extent of the treatment plant. With snow finally falling in our region, Operations staff have been experimenting with the front-end loader, skid-steer, and truck plow to determine which equipment is best suited for snow removal operations while disturbing as little of the graded stone as possible.



Curbs removed and stone graded.

**OSHA Inspection** – On Friday December 3<sup>rd</sup>, we had a surprise inspection of the wastewater treatment facility conducted by the Illinois Department of Labor Illinois Occupation Safety and Health Administration (OSHA). It was explained to me that they were conducting random inspections in the region that have never had prior inspections. A staff member lead the inspector throughout the facility and safety-related documentation was requested for review. Our documentation has been submitted, and we can expect a report on their findings sometime towards the end of December or early January. Update: While we have yet to receive a report following the December 3<sup>rd</sup> inspection, there has been some correspondence with the inspector with follow-up questions requesting details about the District's use of cranes and hoists, along with the expected time that Emergency Medical Services could be available to staff throughout the District's service area. Updates to follow once we have received OSHA's report.





## NORTHERN MORaine W R D

### NMWRD Engineering Report

Date: January 7<sup>th</sup>, 2022

Prepared by: Joe Lapastora, E.I.T. – Staff Engineer

#### **Holiday Hills / Le Villa Vaupell Sanitary Sewer Extension (Nunda):**

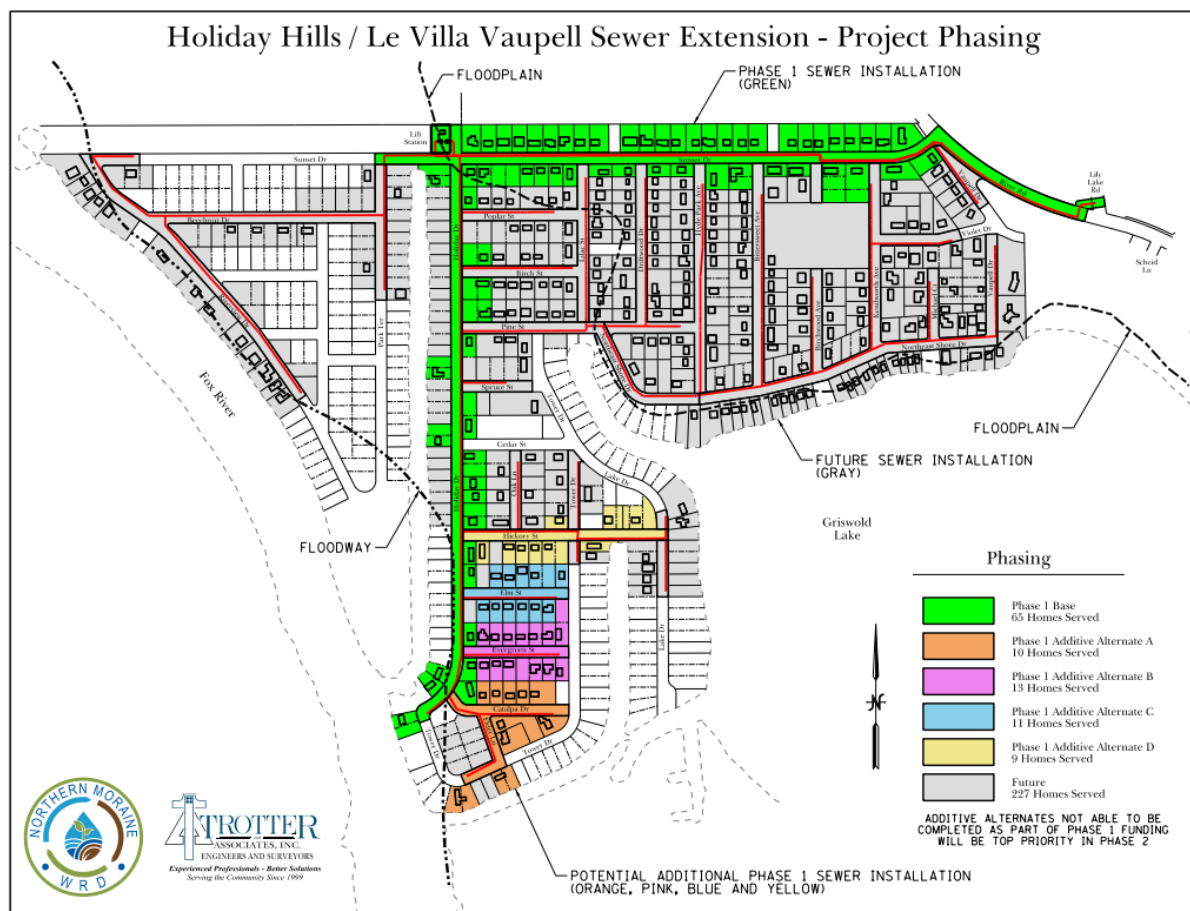
*[Project Update]* – As alluded to on previous Engineering Reports, the District has moved forward with phasing the HH/LVV project based on the recommendation provided by Trotter and Associates, Inc (TAI). Both the District and TAI continued to progress the HH/LVV project through the month of December through various efforts including notification of phasing plans to all applicable parties, lift station site appraisal was received by District that is currently being reviewed by Victor Filippini to assist with the purchase agreement, District certification of the NPDES construction permit, completion of Phase 1 project drawings and specifications, permits have been progressed to a point where they have either been received or are currently under review by the reviewing agency, and project plan amendment follow-up items among other items. The District moved forward with bidding Phase 1 with the Invitation to Bid being published on December 22<sup>nd</sup>. The anticipated schedule moving forward is as follows; Bid Opening is scheduled for Tuesday, February 8<sup>th</sup>, loan agreement issuance is anticipated in April 2022, and construction commencement anticipated in May 2022. The project will receive funding via two mechanisms: SRF loan and Unsewered Community Construction (UCC) Grant, both administered by the Illinois EPA. SRF funds in fiscal year 2022 have been allocated to the project in the amount of \$7,000,000. The District's UCC grant award is for \$3,495,600. The Phase 1 project amount will be capped at \$6,700,000. Therefore, the total anticipated loan amount is \$3,204,400. With the District moving forward with the bid advertisement, the weekly work sessions with TAI were reduced to an as-needed basis with only two meetings held in December. Weekly meeting topics discussed during the month of December included project phasing effects on grant funding, resident letter clean-up and distribution, land acquisition for lift station, permit status updates, easement status updates, and additional funding opportunities. TAI has continued their efforts to assemble an IEPA Water Pollution Control Loan application which requires an enacted loan authorizing ordinance, a legal opinion, and a resolution authorizing a staff member(s) to sign loan documents, all of which were included and reviewed and approved at the November 2021 Board Meeting. The District is still working on TAI's Request for Information (RFI) that will aid in the submission of the loan application. We are currently waiting for preliminary reports from Phil McKenna that should contain any remaining information required for TAI's RFI. Finally, other noteworthy accomplishments through the month of December include receipt of the Village of Holiday Hills Ordinance requiring their residents to connect to the sanitary sewer once its available to them, Holiday Hills grant agreement was executed and sent off to the IEPA, return comments from McHenry County Stormwater Permit were received and TAI





## NORTHERN MORAINÉ W R D

is working on revisions, and the District and TAI are pursuing a Community Development Block Grant (CBDB) funding application and some initial steps have been taking including the completion of a draft resolution authorizing the request for program funds. Note that the final resident letter was mailed out in early January and a digital version of the letter, along with the phasing exhibit and FAQ sheet, have been added to the District website.



HH/LVV Sanitary Sewer Extension – Project Phasing Exhibit

### Control Building Electrical:

*[Project Update]* – The District previously entered into a grant agreement with IL DCEO for a grant amount totalling \$200,000. As part of the grant agreement, the District is required to submit monthly deliverables in the form of two (2) documents; Periodic Financial Reports (PFR) and Periodic Performance Reports (PPR) that detail project expenses and project timeline checkpoints that must be submitted to our grant manger. The District has submitted all reports to date with all reports receiving approval by our IEPA grant manager. The District



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awarded the contract to Pieper Electric via the public bid process and subsequently held a pre-construction meeting on December 8<sup>th</sup> with Jillian Kiss and Richard Fouts from TAI as well as Andy Bean from Pieper Electric in attendance. A preliminary project timeline was provided at the pre-con meeting and mobilization at the plant is set to begin in late February 2022 with a final completion date set for early June 2022. With the proposed timeline provided by Pieper Electric, we noticed that the final completion date fell outside of the signed grant agreement dates. The District submitted a Request for Modification form along with an Extension Request on December 17<sup>th</sup> that would align with the Pieper schedule. It is likely that we will receive the extension request decision in January.



### **Asset Management:**

*[Project Update]* – The District continued with Phase 2 implementation of our Asset Management Software (Cartegraph) through December as we prepare for full integration of the WWTP. District Superintendent, Luke Markko, and District Staff Engineer, Joe Lapastora, participated in the virtual requirements gathering workshop on January 3<sup>rd</sup> & 4<sup>th</sup> and follow-up items are being completed. Follow-up items include delivery of all existing planned maintenance templates, delivery of equipment and workflow SOPs, ESRI integration with new WWTP shapefiles and more. Since Phase 1 (completed in 2020) included the implementation of the District's Collection system, the District has continued to incorporate the Cartegraph software on the dedicated televising laptop for streamlined data entry into our Cartegraph atlas.

### **Sewer Televising & Cleaning Plan:**

*[Project Update]* – District staff were able to get some useful experience with the new televising van and televising equipment through December. The televising camera was sent to Aeries for repair in early December and a loaner unit was used for most of December.





## NORTHERN MORAINE W R D

Coinciding with the preliminary usage of the televising van and equipment, District Superintendent, Luke Marrko, and District Staff Engineer, Joe Lapastora, will continue to work together to create an SoP for District Operators to follow in an effort to maintain consistency of cleaning and televising efforts across all Operators.

### Phosphorous Discharge Optimization Plan:

*[Project Update]* – District staff have continued to follow-up on PDOP punchlist items provided by Fehr Graham through various months of 2021 as different items require different implementation deadlines. District Superintendent, Luke Markko, and District Staff Engineer, Joe Lapastora, met with District Lab Technician, Emily Lecuyer, in early November to review the list in its entirety and schedule remaining tasks to ensure all items are completed within the originally proposed timeline. Emily will perform all tests that we can do in-house and has proven to be extremely resourceful in our PDOP testing thus far. See the task list below for a look at remaining tasks that will be completed by the end of the first quarter of 2022. Note that all tasks are in-progress, however, not yet completed because some tasks require a weekly/monthly testing frequency to grab a meaningful data representation, while other tasks will require out of house lab testing. Joe and Luke will produce a collection of formal memos for each task to satisfy the internal checks that are required per the District's PDOP.

Reference Number	Task
2-B: i and ii	Optimize Chemical Addition
2-A: iii	SNRP Testing
2-C: i	Oxidation Ditch Additional Testing
2-C: ii	Oxidation Ditch Optimization for BPR
	a. SRT Optimization
	b. Aeration Optimization
	c. Volume Analysis
	d. Recycle Streams Analysis
	e. VFAs analysis
	f. Determine Practicality of Inline Analyzer
2-A: ii	Intermediate WWTF Process Testing
2-A: i	Side Stream WWTF Testing
1-A	Evaluate Water Supply
1-B: iii	Facility Planning Area Testing
1-B: ii	Heated Waste Testing
1-B: i	Industrial and Commercial Customers
1-C	Evaluation of Local Limits

*Updated Action Items tracking from PDOP.*

### Darrell Road Phase 1A – Headworks:

*[Project Update]* – The District purchased a Headworks brand MS2 bar screen in April 2020 and the District requested a proposal for bidding services from TAI. District Staff met with TAI staff on November 5<sup>th</sup> for a Kickoff Meeting to discuss project planning and design overview.





## NORTHERN MORaine W R D

The District held two (2) meetings with TAI through the month of December to discuss headworks design, soil borings and geotechnical exploration, easement acquisition / property purchase, and permit preparation among other items. A bid date has yet to be determined.

### **WWTP Access Improvements**

*[Project Update]* – The District held a public bid opening for the WWTP Access Improvements Project on Monday, November 8<sup>th</sup> and ultimately awarded the public bid to Chicagoland Paving Contractors (CPC). The November Engineering Report alluded to curb issues and subsequent discussions to remediate the unsatisfactory work. A Notice of Defaults was issued to CPC on December 7<sup>th</sup> and a follow-up letter was sent on December 18<sup>th</sup> to both CPC and West Bend Mutual Insurance Company (“Surety”). The December 16<sup>th</sup> notice detailed five (5) requirements for Corrective Work for an interim winter solution that must be completed by CPC prior to December 27<sup>th</sup>, at no cost to the District, to make the site safe for the winter months. All corrective work was completed prior to the December 27<sup>th</sup> deadline and the District issued an acceptance e-mail on December 20<sup>th</sup>. CPC will resume all other work under the original public bid contract in April 2022.



### **Wegner Road Storm Improvements (Lakemoor):**

*[Project Update]* – The District received final revised engineering plans along with response letters, ACOE wetland determination correspondence, confirmation of no wetlands from McHenry Stormwater as well as a stormwater report in early December. The District sent all documents to Jillian Kiss with TAI for her to provide a response as she performed the previous two (2) iterations of the plan review. The District was provided with a copy of a Letter of No Objection from the ACOE for the referenced project. A project start date has yet to be set and District operators will continue to monitor JULIE locates for any upcoming work.



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

*[Project Update]* – This project is in the three (3) year maintenance period which is set to close on February 11, 2023. No new updates.

**Lakemoor Commons Outlot 5B (Lakemoor):**

*[Project Update]* – Lakemoor Commons Lot 5B construction is still under progress which includes four (4) separate buildings. Chipotle (Building A) and Starbucks (Building D) are confirmed while Building B has a few confirmed tenants and Building C is still untenanted. Sanitary sewer related construction started on September 20<sup>th</sup> and Berger Excavating (sanitary contractor) has wrapped up all sanitary sewer related construction as of late November. Note that all testing has been completed with all manholes and mains passing their respective tests. District Staff Engineer, Joe Lapastora, and District Engineering Intern, Maren Prokup, performed a punchlist walk of the construction site on December 23<sup>rd</sup> and a punchlist document detailing all remaining items to be completed was issued to Berger Excavating on December 30<sup>th</sup>. The punchlist memo requests that the District be informed once all punchlist items are completed so that a District staff member can perform a final walk of the project site prior to approval. The District is currently unaware of any opening dates for any of the four (4) buildings located at Lakemoor Commons Outlot 5B.

**Buona Beef Restaurant (Lakemoor):**

*[Project Update]* – All sanitary related construction was completed in late July and all testing has been completed with all manholes and mains passing their respective tests. District Staff Engineer, Joe Lapastora, and District Engineering Intern, Maren Prokup, performed a punchlist walk of the construction site on December 23<sup>rd</sup> and a punchlist document detailing all remaining items to be completed was issued to Berger Excavating on December 30<sup>th</sup>. The punchlist memo requests that the District be informed once all punchlist items are completed so that a District staff member can perform a final walk of the project site prior to approval. Buona Beef is set to open in February of 2022.

**Woodmans Car Wash 3<sup>rd</sup> Bay Extension (Lakemoor):**

*[Project Update]* – The sanitary sewer extension work was completed through two work-days in mid-October that included approximately 45' of pipe being tied into the existing private service line to serve the 3<sup>rd</sup> bay. The second day was simply focused on connecting the SDR 26 PVC private service line to the Schedule 40 PVC plumbing. The District will look to approve the work in January.

**Dollar General (Island Lake):**

*[Project Update]* – The District received preliminary plans for a proposed Dollar General development located at the Southwest corner of the intersection of Route 176 and Water's





Edge Road in Island Lake in September. The plans were accompanied by an escrow deposit check for plan/legal review and the plans were sent to TAI for review in early October. TAI provided comments of their initial review and also provided a second review in the form of determining current capacity of the sewers and lift stations downstream of the proposed development. All previous plan review comments have been addressed and the District determined that no further revisions are needed at this time. A project start date has yet to be set and the District will periodically check-in with Hurley and Stewart (design engineer) to ensure that they meet all requirements needed prior to the District issuing a permit.

**In addition to the work relating to the above projects, the following engineering related work is also being performed;**

- The District brought back our former summer 2021 Engineering Intern, Maren Prokup, for a winter stint with the District. Through the course of three (3) weeks, Maren proved to be extremely resourceful and completed many tasks. Maren has provided the following updates;
  - Phosphorous Discharge Optimization (PDOP) Memos
    - As part of the District's plan to optimize the plant to reach a final effluent of 0.5 mg/L of total phosphorous by 2030, Maren gathered and formulated data and logistics of our approach into ten (10) memos that address the Action Items laid out in the District's PDOP.
  - Project Punchlists and Closeout Tasks for Buona Beef and Lakemoor Commons Lot 5
    - Maren performed a punch list walkthrough with Joe of the Buona Beef and Lakemoor Commons Lot 5 project sites. Maren gathered photos and wrote a letter to Berger Excavating with all items to be completed before commercial use of the sanitary sewer is permitted.
  - Service Connection AutoCAD Drawings
    - As a continuation from her summer internship, Maren drafted all CAD drawings for reconnections and new connections that occurred during the month that she was with the District.
  - Commodity/Service Bid Packages and Renewals
    - The District plans to open five (5) commodity and service bids in the month of February, including: Chlorination & Dechlorination Chemicals, eOne Pumps, Landscaping Services, Phosphorous Removal Chemicals, and Polymer for Solids Handling. Maren created and finalized the front and back-end documents for four (4) of these bids with Joe. Three (3) Renewals will also be







## NORTHERN MORaine W R D

issued in the month of April for Diesel Fuel, Delivered, Generator Services, and Land Application of Sludge. Maren also finalized cover letters and contracts for all of the renewals. Joe will pick this task back up in late January noting that Maren took care of most of the heavy work.

- Hauled Waste Permit Applications
  - Maren handled communications and permit creation throughout the month of December to issue new permits to all 5 Septage Haulers.

Hauler	Vehicle	Plate #	Gallons	Bill Rate (per load)	Weekly Limit for Entire Company
Community Sewer & Septic	2000 Mack	22640Q	3,400	\$173.40	10,000 gallons
Weidner's Septic	2007 Peterbilt	37455R	3,600	\$183.60	25,000 gallons
	2010 Freightliner	34513R	3,600	\$183.60	
	2020 Kenworth	46896R	4,000	\$204.00	
	2020 Kenworth	47532R	4,000	\$204.00	
Rechel Septic	2002 Freightliner	22732MR	3,000	\$153.00	12,000 gallons
	2004 Mack	24073Q	3,000	\$153.00	
	2006 Mack	43724R	3,400	\$173.40	
	2006 Mack	21660Q	3,500	\$178.50	
Helmer Septic	2020 International	27204R	3,600	\$183.60	10,000 gallons
Arrow Septic	1995 Freightliner	17218Q	3000	\$153.00	28,000 gallons
	2002 Ster Acterra	19560Q	3000	\$153.00	
	2004 Mack	26160R	3500	\$178.50	
	2008 International	21883Q	3000	\$153.00	
	2016 Kenworth	22824Q	3600	\$183.60	
	2021 Mack	48352R	3500	\$178.50	
	2022 Mack	40860V	3500	\$178.50	





## DELINQUENT ACCOUNTS RECAP FOR December 2021

Revised: 1/06/22 by Debi Martin, District Clerk

### \$150-\$300

#### 90 Active Accounts

Island Lake – **64** customers  
64 Notices of Delinquency  
Lakemoor – **20** customers  
20 Notices of Delinquency  
Port Barrington – **6** customers  
6 Notices of Delinquency

### \$301-500

#### 37 Active Accounts

Island Lake – **18** customers  
18 Liens – 15 Water Shut Off Notices, 3 Final Water Shut off Notices  
Lakemoor – **13** customers  
13 Liens – 4 Final Notices of Delinquency, 4 Water Shut Off Notices, 4 Sewer Disconnection Notices, 1 Final Water Shut off Notice  
Port Barrington – **6** customers  
6 Liens - 2 Sewer Disconnection Notices, 4 Final Notices of Delinquency

### \$501-\$1000

#### 13 Active Accounts

Island Lake – **5** customers  
5 liens – 1 with water off, 3 Final Water Shut off Notices, 1 Sewer Disconnection Notice  
Lakemoor – **6** customers  
6 liens – 1 with water off, 3 to be disconnected from sewer, 2 making payments  
Port Barrington – **2** customers  
2 Liens - 2 Sewer Disconnection Notices

### \$1001 and up

#### 6 Active Accounts

Island Lake – **3** customers  
3 liens – 3 with water off  
Lakemoor – **3** customers  
3 liens – 2 tax sales, with 1 to be given to Village of Lakemoor, 1 with water off

**Delinquent Accounts total (active and inactive customers): \$44,261.99** (\$11,068.59 inactive accts)

**December 2020's report: \$42,131.34**

**December 2020's report: \$53,625.85**

#### MONTHLY ACTIVITY:

**4814** Monthly Bills mailed 1/03/22 (for Dec service)  
**397** Bills not mailed – customers prepaid on their accounts  
**19** Water Shut Off Notices mailed 1/05/22  
**9** Sewer Disconnection Notices mailed 1/05/22  
**39** Liens released in December

**90** Notices of Delinquency mailed 1/05/22  
**8** Final Notices of Delinquency mailed 1/05/22  
**21** Real Estate closings for December 2021  
**7** Final Water Shut off Notice mailed 1/05/22  
**30** Liens filed in December



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



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



Email: [info@nmwrd.org](mailto:info@nmwrd.org)  
Web: [www.nmwrd.org](http://www.nmwrd.org)



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### AGENDA ITEM # 10A

<b><u>Meeting Date:</u></b>	January 11, 2022
<b><u>Item:</u></b>	2022 Tax Abatement
<b><u>Staff Recommendation:</u></b>	Motion to Adopt Ordinance 22-01, authorizing the County Clerks of Lake and McHenry County to Abate and not spread General Obligation Bond Tax for 2021 in the amount of \$457,872.00
<b><u>Staff Contact:</u></b>	Mohammed M. Haque, District Manager

---

**Background:**

Pursuant to our new 2019 General Obligation Bond order, a copy of which is attached, we are required to generate a tax sufficient to produce the sum of \$457,872.00. The District has taken the position over the years that we will pay for our debt obligation through usual and customer user fees and have abated the levy for this bond order. Accordingly, for 2021 tax payable in 2022, we need to abate \$457,872.00. Adoption of this ordinance will allow staff to direct the Clerks of the Counties of Lake and McHenry to abate and not spread that tax.

**Recommendation:**

Adopt the ordinance abating the General Obligation Bond Tax for the 2021 tax year.

**Votes Required to Pass:**

Simple Majority, via a roll call vote





ORDINANCE NO. 22-01

AN ORDINANCE abating taxes levied for year 2021 for the General Obligation Refunding Bonds (Alternate Revenue Source), Series 2019 of the Northern Moraine Wastewater Reclamation District.

WHEREAS, the Board of Trustees (the “Board”) of the Northern Moraine Wastewater Reclamation District, Lake and McHenry Counties, Illinois (the “District”), did adopt an ordinance (the “Ordinance”) authorizing the issuance of its \$4,100,000 General Obligation Refunding Bonds (Alternate Revenue Source), Series 2019 (the “Outstanding Bonds”); and

WHEREAS, said Ordinance was in full force and effect forthwith upon passage, approval and publication, and thereafter a certified copy thereof was duly filed in the Office of the County Clerks in Lake and McHenry Counties; and

WHEREAS, said Ordinance did authorize the issuance of the Outstanding Bonds, and did provide for the levy of a direct annual tax upon all taxable property within the District in and for the year 2021, in an amount sufficient to pay the principal of and interest on the Outstanding Bonds when due in 2022; and

WHEREAS, principal and interest on the Outstanding Bonds due in 2021 are being paid from other available funds thereby eliminating the need for the 2021 tax levy to pay the Outstanding Bonds; and

WHEREAS, the Board of the District hereby finds and determines that it is advisable and necessary to provide for abatement of the tax heretofore levied for the year 2021 to pay the Outstanding Bonds;

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

Section 1.     Abatement. That it shall be and it is found and determined that the Board of the District has provided for the levy of a direct annual tax upon all taxable property within the District in and for the year 2021 in an amount sufficient to provide the funds to pay when due the principal of and interest on the Outstanding Bonds heretofore issued by the District. It is further found and determined that the Board deems it advisable and in the best interests of the District to provide for abatement of the taxes heretofore levied for the year 2020 pursuant to the Ordinance as follows:

Levy Year	Collection Year	Total Levy Abatement
2021	2022	\$457,872.00

Section 2.     Filing. A copy of this ordinance, duly certified by the District, which certificate shall recite that this ordinance has been adopted by the Board of said District and is in full force and effect, shall be filed with the County Clerks of Lake and McHenry Counties, Illinois, shall constitute authority for each County Clerk for the year 2021, to abate the said levy in the amounts and in said year as shown above in Section 1 associated with the Outstanding Bonds.

Section 3.     Severability. If any section, paragraph or provision of this ordinance shall be held to be invalid or unenforceable for any reason, the invalidity or unenforceability of such section, paragraph or provision shall not affect any of the remaining provisions of this ordinance.

Section 4.     Publication. The District is hereby authorized and directed to publish this ordinance and to file copies thereof for public inspection in his/her office.

Section 5.     Conflicting Ordinances. All ordinances, resolutions and parts of ordinances and resolutions, in conflict herewith are hereby repealed.

Section 6.     Headings. The headings or titles of the several sections shall be solely for convenience of reference and shall not affect the meaning, construction or effect of this ordinance.

Section 7.     Effective Date. This ordinance shall be in full force and effect from and after its adoption and publication.

ADOPTED this January 11, 2022, pursuant to a roll call vote as follows:

AYES:

NAYS:

ABSENT:

APPROVED this January 11, 2022.

---

President, Board of Trustees  
Northern Moraine Wastewater Reclamation  
District

ATTEST:

---

Secretary, Board of Trustees  
Northern Moraine Wastewater Reclamation  
District

STATE OF ILLINOIS                    )  
  ) SS  
COUNTY OF LAKE                    )

FILING CERTIFICATE

I, the undersigned, do hereby certify that I am the duly qualified and acting County Clerk, County of Lake, Illinois, and as such official I do further certify that on the \_\_\_\_ day of \_\_\_\_\_, 2022, there was filed in my office a duly certified copy of Ordinance No. \_\_\_\_\_ entitled:

AN ORDINANCE abating taxes levied for year 2021 for the General Obligation Refunding Bonds (Alternate Revenue Source), Series 2019 of the Northern Moraine Wastewater Reclamation District.

duly adopted by the Board of Trustees of the Northern Moraine Wastewater Reclamation District, on the \_\_ day of \_\_\_\_\_, 2022, and that the same has been deposited in the official files and records of my office.

IN WITNESS WHEREOF, I hereunto affix my official signature and the seal of said County, this \_\_ day of \_\_\_\_\_, 2022.

\_\_\_\_\_  
County Clerk of Lake, Illinois

(SEAL)

STATE OF ILLINOIS                    )  
  ) SS  
COUNTY OF MCHENRY                )

FILING CERTIFICATE

I, the undersigned, do hereby certify that I am the duly qualified and acting County Clerk, County of McHenry, Illinois, and as such official I do further certify that on the \_\_\_\_ day of \_\_\_\_\_, 2022, there was filed in my office a duly certified copy of Ordinance No. \_\_\_\_\_ entitled:

AN ORDINANCE abating taxes levied for year 2021 for the General Obligation Refunding Bonds (Alternate Revenue Source), Series 2019 of the Northern Moraine Wastewater Reclamation District.

duly adopted by the Board of Trustees of the Northern Moraine Wastewater Reclamation District, on the \_\_ day of \_\_\_\_\_, 2022, and that the same has been deposited in the official files and records of my office.

IN WITNESS WHEREOF, I hereunto affix my official signature and the seal of said County, this \_\_ day of \_\_\_\_\_, 2022.

\_\_\_\_\_  
County Clerk of McHenry, Illinois

(SEAL)

## CERTIFICATION

I, Deborah Martin, Clerk in and for the NORTHERN MORAINÉ WASTEWATER RECLAMATION DISTRICT, Island Lake, Illinois, and keeper of the official records, files and seal thereof, do hereby certify that the attached document is a true and correct copy of:

“ORDINANCE 22-01” “AN ORDINANCE TO ABATE THE TAX ON THE NORTHERN MORAINÉ WASTEWATER RECLAMATION DISTRICT GENERAL OBLIGATION BONDS (ALTERNATE REVENUE SOURCE) SERIES 2019, FOR THE YEAR OF 2021.”

Passed and approved by the Board of Trustees of the NORTHERN MORAINÉ WASTEWATER RECLAMATION DISTRICT Island Lake, Illinois.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the NORTHERN MORAINÉ WASTEWATER RECLAMATION DISTRICT, Island Lake, Illinois, this 11<sup>th</sup> day of January, 2022.

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Deborah Martin, District Clerk

(SEAL)

## BOND ORDER

The undersigned, President of the Board of Trustees (the "Board") of the Northern Moraine Wastewater Reclamation District, Lake and McHenry Counties, Illinois (the "District"), on behalf of the District, hereby orders, pursuant to Ordinance 19-07 adopted by the Board on October 8, 2019 (the "Bond Ordinance"), that the District's General Obligation Refunding Bonds (Alternate Revenue Source), Series 2019 (the "Bonds"), shall be issued in the amount of \$4,100,000 and shall be dated December 4, 2019.

The Bonds shall be issued to refund the District's General Obligation Bonds (Alternate Revenue Source), Series 2010 (the "Refunded Bonds"). The President and Secretary are authorized to execute an escrow and defeasance agreement and to establish an escrow account for the Refunded Bonds, and to approve and execute any certificates and documents on behalf of the District in connection with the refunding of the Refunded Bonds. The Amalgamated Bank of Chicago is hereby appointed to serve as escrow agent for the Refunded Bonds.

The Bonds shall be payable from and secured by a pledge of (i) revenues received by the District from operations to the fullest extent permitted by law, including Sections 13 and 15 of the Sanitary Act, (ii) revenues received by the District from any levy for special services under Section 19.1 of the Sanitary Act, and (iii) such other funds of the District as may be lawfully available and annually appropriated for such purpose (collectively, the "Pledged Revenues"), and (ii) to the extent such revenues are insufficient, ad valorem taxes levied against all taxable property in the territory of the Issuer without limitation as to rate or amount.

It is further ordered that the Bonds shall be issued in denominations of \$5,000 or \$5,000 integrals in excess thereof, shall become due and payable and shall bear interest payable semi-annually on May 1 and November 1 each year, beginning May 1, 2020, at the interest rates all as set forth below:

Year of Maturity ( <u>May 1</u> )	Principal <u>Amount</u>	<u>Interest</u>
2029	\$4,100,000	2.02%

The Bonds are subject to optional prepayment, in whole or in part, on any date on or after May 1, 2025, at a prepayment price equal to 100% of the principal amount prepaid plus accrued interest to the date fixed for prepayment

The Bonds are subject to mandatory sinking fund redemption prior to maturity on the dates and in the amounts as follows:

Term Bond due <u>May 1, 2029</u>	
5/1/2020	\$360,000
5/1/2021	380,000
5/1/2022	390,000
5/1/2023	400,000
5/1/2024	405,000
5/1/2025	415,000
5/1/2026	425,000
5/1/2027	435,000
5/1/2028	440,000
5/1/2029	450,000*

\*Final Maturity

Taxes shall be levied from 2019 to 2028, and collectible in 2020 to 2029, in the amount as follows:

<u>For the Levy Year</u>	<u>A Tax Sufficient to Produce the Sum of:</u>
2019	\$393,818.17 (for principal and interest)
2020	\$455,548.00 (for principal and interest)
2021	\$457,872.00 (for principal and interest)
2022	\$459,994.00 (for principal and interest)
2023	\$456,914.00 (for principal and interest)
2024	\$458,733.00 (for principal and interest)
2025	\$460,350.00 (for principal and interest)
2026	\$461,765.00 (for principal and interest)
2027	\$457,978.00 (for principal and interest)
2028	\$459,090.00 (for principal and interest)

The Bonds are hereby designated qualified tax-exempt obligations for the purposes of Section 265(b) of the Internal Revenue Code of 1986, as amended and in effect on the issue date of the Bonds.

The undersigned hereby directs that the Bonds be sold and delivered to JPMorgan Chase Bank, N.A., as purchaser of the Bonds (the "Underwriter"), for the purchase price of \$4,100,000.



The undersigned hereby selects and appoints the Treasurer of the District to serve as registrar and paying agent for the Bonds (the "Registrar" and "Paying Agent").

As Board President, I hereby find and determine that no person holding any office of the District either by election or appointment, is in any manner interested, in his or her own name, or in the name of any other person, association, trust company or corporation, in the purchase of the Bonds. The proceeds of the Bonds are to be used to pay for (a) refunding the Refunded Bonds, and (b) paying necessary and incidental costs of issuance, all for the benefit of the inhabitants of the District.

Capitalized terms used herein and not otherwise defined shall have the meanings ascribed thereto in the Bond Ordinance.

Dated: November 12, 2019.

NORTHERN MORAINÉ WASTEWATER  
RECLAMATION DISTRICT, LAKE AND MCHENRY  
COUNTIES, ILLINOIS

By:   
President, Board of Trustees

[SIGNATURE PAGE TO THE BOND ORDER]



## NORTHERN MORaine W R D

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### AGENDA ITEM # 10B

<b><u>Meeting Date:</u></b>	January 11, 2022
<b><u>Item:</u></b>	Community Development Block Grant Funding Application
<b><u>Staff Recommendation:</u></b>	Motion to Approve Resolution 22-01 Authorizing the Request of Funds from the McHenry County CDBG Fund in the amount of \$200,000 the Village of Holiday Hills for Public Infrastructure
<b><u>Staff Contact:</u></b>	Mohammed M. Haque, District Manager

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**Background:**

The District has made application with the McHenry County CDBG for grant funding in the amount of \$200,000 for the public infrastructure improvements in the Village of Holiday Hills. This is an annual funding mechanism with \$1.5 million in overall annual funding available to McHenry County for disbursement. The District is hopeful that this will help with the costs to bring public infrastructure to Holiday Hills. Trotter & Associates assisted the District to get this application completed and submitted. Future annual applications should be more straightforward.

The application was submitted on January 4, 2021 to meet the deadline. This action ratifies our decision to apply and will be needed for the followup to the application.

**Recommendation:**

Adopt the Resolution Authorizing the CDBG Application.

**Votes Required to Pass:**

Simple Majority, via a roll call vote



# NORTHERN MORAINES WASTEWATER RECLAMATION DISTRICT

## RESOLUTION NO. 2022-01

### A RESOLUTION AUTHORIZING THE NORTHERN MORAINES WASTEWATER RECLAMATION DISTRICT TO REQUEST FUNDS FROM THE MCHENRY COUNTY COMMUNITY DEVELOPMENT DIVISION IN THE AMOUNT OF \$200,000 FOR PUBLIC INFRASTRUCTURE INSTALLATIONS (SANITARY SEWER, LIFT STATION, AND FORCE MAIN IMPROVEMENTS) IN THE VILLAGE OF HOLIDAY HILLS.

**WHEREAS**, the Community Development Block Grant program (“**CDBG**”) administered by the United States Department of Housing and Urban Development (“**HUD**”) provides funds to qualified cities and counties on an entitlement basis; and

**WHEREAS**, CDBG grant funds must meet national objectives as defined by the HUD, including benefit to low and moderate income persons; and

**WHEREAS**, CDBG grant funds must also meet local objectives, as defined by the McHenry County Community Development Division; and

**WHEREAS**, the Northern Moraine Wastewater Reclamation District, being a sanitary district located in McHenry and Lake Counties, Illinois (the “**District**”), and the Village of Holiday Hills, McHenry County, Illinois (the “**Village**”) have entered into an intergovernmental agreement (the “**IGA**”) for the extension of public sanitary sewerage facilities within and around the Village (the “**Sewer System Extension**”), which Sewer Facilities are intended to abate the release of septage from private septic systems in the Village into the Fox River and its associated waterways (the “**Fox River**”); and

**WHEREAS**, the Sewer System Extension is anticipated to include various sewer facilities, including without limitation the installation of sanitary sewer, lift station, and force main facilities and equipment (collectively, the “**Sewer Facilities**”); and

**WHEREAS**, the Corporate Authorities of the District have determined that installation of Sewer Facilities will further the intergovernmental cooperation reflected in the IGA, will support and comport with the objectives of HUD and the McHenry County Community Development Division, and will promote the public health, safety, and welfare by improving the public and

environmental health in neighborhoods in and around the Village with low- and moderate-income housing and families;

**NOW, THEREFORE BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE DISTRICT, MCHENRY AND LAKE COUNTIES, ILLINOIS, as follows:**

**SECTION 1. Incorporation of Recitals.** The foregoing recitals are hereby incorporated into and made a part of this Resolution as if fully set forth herein.

**SECTION 2. Authorization; Ratification.** The District President, District Manager, and District Clerk (as well as their designees) are hereby authorized and directed to make application and request funds from the McHenry County Community Development Commission for the Sewer Facilities in furtherance of the Sewer System Extension contemplated by the IGA between the District and the Village. To the extent any actions have previously been taken consistent with this authorization and direction, such actions are hereby ratified.

**SECTION 3.** To the extent required in connection with the granting of CDBG funding for the Sewer Facilities, the District President and District Clerk are hereby authorized to execute and attest a grant agreement between the District and the McHenry County Community Development Commission.

Passed this \_\_ day of \_\_\_\_\_, 2022.

AYES:

NAYS:

ABSTAIN:

ABSENT:

Approved this \_\_\_\_ day of \_\_\_\_\_, 2022.

NORTHERN MORaine WASTEWATER  
RECLAMATION DISTRICT, an  
Illinois municipal corporation

By: \_\_\_\_\_  
District President

ATTEST

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

PASSED: \_\_\_\_\_

APPROVED: \_\_\_\_\_



## NORTHERN MORaine W R D

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### AGENDA ITEM # 10C

<b><u>Meeting Date:</u></b>	January 11, 2022
<b><u>Item:</u></b>	Ratify Approval of IEPA Unsewered Community Grant
<b><u>Staff Recommendation:</u></b>	Motion to Approve Resolution 22-02 Ratifying the Approval and Acceptance of an IEPA Unsewered Community Grant for the Holiday Hills Project in the amount of \$3,495,600
<b><u>Staff Contact:</u></b>	Mohammed M. Haque, District Manager

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**Background:**

As we discussed in the last month's District Manager's report, the District had to do a quick approval of the grant agreement last month without the item being specifically on the agenda. It is now on the agenda and this Resolution ratifies last month's motion.

**Recommendation:**

Adopt the Resolution Ratifying the Approval and Acceptance of the Grant.

**Votes Required to Pass:**

Simple Majority, via a roll call vote



**NORTHERN MORAINÉ WASTEWATER RECLAMATION DISTRICT**  
**RESOLUTION NO. 22-02**

**RESOLUTION RATIFYING THE APPROVAL AND ACCEPTANCE OF AN IEPA  
UNSEWERED COMMUNITY GRANT AND ACTIONS RELATING THERETO**

**WHEREAS**, the Northern Moraine Wastewater Reclamation District (the “***District***”) has applied for a grant from the Unsewered Community Grant Fund (the “***UCGF***”) of the Illinois Environmental Protection Agency (the “***IEPA***”) to help defray the costs of extending sanitary sewerage services (the “***Extension Project***”) to the Village of Holiday Hills (“***Holiday Hills***”); and

**WHEREAS**, the District has entered into an intergovernmental agreement with Holiday Hills in connection with the Extension Project (the “***IGA***”), which IGA is dependent on the District’s receipt and acceptance of a UCGF grant; and

**WHEREAS**, the District has received notice of a UCGF grant award in the amount of \$3,495,600.00 (the “***UCGF Grant***”); and

**WHEREAS**, in order to confirm the District’s acceptance of the UCGF Grant, the District was required to execute certain documentation required by the IEPA; and

**WHEREAS**, the District Board of Trustees (the “***Corporate Authorities***”) determined that it is in the best interests of the District and its residents and the facilities planning area for which the District serves as the designated management agency to have the District formally approve and accept the UCGF Grant and to execute all documentation required therefor; and

**WHEREAS**, in December 2021, the Corporate Authorities did approve a resolution approving and accepting the UCGF Grant and authorizing District officials to execute all documentation in furtherance of such UCGF Grant (the “***December 2021 Resolution***”); and

**WHEREAS**, pursuant to the December 2021 Resolution, District officials have executed certain documentation and taken other actions in furtherance of the District’s approval and acceptance of such UCGF Grant; and



**WHEREAS**, in order to cure any procedural deficiencies relating to the Corporate Authorities approval of the December 2021 Resolution, the Corporate Authorities have determined it is appropriate and in the best interests of the District and its residents to approve this Resolution ratifying the actions set forth in the December 2021 Resolution;

**NOW, THEREFORE, BE IT RESOLVED BY THE CORPORATE AUTHORITIES OF THE NORTHERN MORAIN WASTEWATER RECLAMATION DISTRICT, LAKE AND McHENRY COUNTIES, ILLINOIS**, as follows:

**SECTION 1. INCORPORATION OF PREAMBLES.** The Corporate Authorities hereby find that the recitals contained in the foregoing preambles are true and correct, and incorporate them into this Resolution by this reference.

**SECTION 2. RATIFICATION OF APPROVAL AND ACCEPTANCE OF UCGF GRANT AND RELATED AUTHORIZATIONS.** The Corporate Authorities of the District hereby ratify all actions and approvals set forth in the December 2021 Resolution, and all actions taken pursuant to the terms of the December 2021 Resolution, including without limitation: (a) the approve and accept the UCGF Grant; (b) the authorization of the District Manager, the District President, the District Clerk, and their designees to take all actions necessary and appropriate in furtherance of securing the UCGF Grant moneys; and (c) all actions heretofore taken pursuant to the December 2021 Resolution, including without limitation the execution of any grant agreements with the IEPA.

**SECTION 3. EFFECTIVE DATE.** This Resolution shall be in full force and effect upon its passage and approval in the manner provided by law.

PASSED by the Corporate Authorities on January \_\_\_, 2022.

AYES:

NAYS:

ABSENT:

ABSTAIN:

APPROVED January \_\_\_, 2022.

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District President

ATTEST:

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District Clerk



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### AGENDA ITEM # 10D

<b><u>Meeting Date:</u></b>	January 11, 2022
<b><u>Item:</u></b>	Approve Engineering Contract Amendment # 3 with Trotter & Associates for the Holiday Hills Sanitary Sewer Project
<b><u>Staff Recommendation:</u></b>	Motion to Approve Services Agreement with Trotter and Associates, Inc. in the amount of \$64,150 for Bidding and Engineering Services for the Holiday Hills Sanitary Sewer Project
<b><u>Staff Contact:</u></b>	Mohammed M. Haque, District Manager

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#### **Background:**

During the course of the design of the Holiday Hills project, we have had some extra surveying as well as an evaluation of alternative lift station site locations. This has resulted in additional engineering time that was not originally included in the scope of the engineering services. In addition, we have advertised and put Holiday Hills – Phase 1 under bidding and are utilizing Trotter & Associates for that function as well as ensuring that all bidding and documentation meets the requirements for the Grant and IEPA SRF Loan. The attached Addendum balances out all extra services as well as bidding services for the project.

#### **Recommendation:**

It is staff recommendation to Approve Services Agreement with Trotter and Associates, Inc. in the amount of \$64,150 for Bidding and Engineering Services for the Holiday Hills Sanitary Sewer Project.

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

Simple Majority via a Roll Call Vote



## **RESOLUTION**

BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE NORTHERN MORAIN  
WASTEWATER RECLAMATION DISTRICT that the Board of Trustees approves entering into  
Engineering Services Contract Amendment # 3 with Trotter and Associates, Inc. in the amount  
of \$64,150 for the Holiday Hills Sanitary Sewer Project and Authorize the District Manager to  
execute the Agreement.

DATED this\_\_day of\_\_\_\_\_, 2022

NORTHERN MORAIN WASTEWATER  
RECLAMATION DISTRICT, an  
Illinois Municipal Corporation,


By:\_\_\_\_\_  
PRESIDENT

SEAL

ATTEST

\_\_\_\_\_  
DISTRICT CLERK

CLIENT Initial \_\_\_\_\_

TAI Initial 



## **EXHIBIT D CONTRACT ADDENDUM**

Project Name: Unsewered Community – Village of Holiday Hills Sanitary Sewer Project

Project No.: NMW082

Addendum No. 3

This is an addendum attached to, made part of and incorporated by reference into the Agreement between CLIENT and ENGINEER for modification of scope and compensation for the PROJECT. All other terms and conditions of the original Agreement between CLIENT and ENGINEER are unchanged by this Contract Addendum and shall remain in full force and effect and shall govern the obligations of both CLIENT and ENGINEER, including obligations created by this Contract Addendum.

TAI is near completion of contract obligations for design engineering services. The current contract includes topographic survey, preliminary (60%) and final (95%) engineering plans and specifications, IEPA loan application administration and project management services.

The District has requested a contract addendum to include bidding and negotiating services. Design fees beyond the scope of the original contract are also being requested as detailed below.

The contract modifications are described below:

**Design Engineering Extras** – Design fees associated with additional Design Engineering scope items. (\$25,050)

1. Geotechnical sub-consultant coordination (\$1,980)
2. Alternate Lift Station site evaluation (\$10,070)
3. Easement and property purchase assistance (\$1,820)
4. Soil Boring Staking (\$2,840)
5. CDBG Grant Application (\$8,340)

### **Final Bidding Documents**

1. Prepare bidding documents for Phase 1 including assembling a specific set of drawings and specifications for the Phase 1 scope.
2. Finalize IDNR Easement and provide lift station property purchase assistance.

### **Bidding and Negotiating Phase**

1. Assist the District in advertising for and obtaining bids for the Work.
2. Issue Addenda as appropriate to clarify, correct, or change the Bidding Documents.
3. Conduct the pre-bid meeting, attend Bid opening, prepare Bid tabulation sheets, and assist the District in evaluating Bids or proposals and in assembling and awarding contract work.
4. Prepare a Recommendation to Award, Notice of Intent to Award, Contract and Notice to Proceed. Review Contractor Certificate of Insurance and bonds.

CLIENT Initial \_\_\_\_\_

TAI Initial JS



5. Attend (2) Board Meetings. (1) for the Recommendation to Award and (1) for Award of the Contract Work once the IEPA Loan Agreement is issued.
6. Participate in any negotiations or clarification discussion.
7. Furnish and supply drawings and project specification copies as required. Bidding documents to be distributed by TAI to potential Bidders.
8. Coordinate submittal of the bidding documents to IEPA with respect to finalizing the loan agreement.

ADDENDUM NO. 3 COMPENSATION

Design Engineering Extras	\$ 25,050
Final Bidding Documents for Phase 1	\$ 13,700
<u>Bidding Services</u>	<u>\$ 25,400</u>
Total Addendum No. 3	\$ 64,150

CONTRACT SUMMARY

Original Contract Amount	\$ 57,000
Items not completed from Original Contract per Add#1	(\$ 19,600)
Changes Prior to This Change	\$ 365,600
Amount of This Change	\$ 64,150
<b>Revised Contract Amount:</b>	<b>\$ 467,150</b>

For purposes of expediency, ENGINEER and CLIENT agree that an executed electronic version of this Contract Addendum shall suffice. The original of this Contract Addendum shall be returned to ENGINEER after execution.

CLIENT:

ENGINEER:

NORTHERN MORaine  
WASTEWATER RECLAMATION DISTRICT

TROTTER AND ASSOCIATES, INC.

SIGNED:

SIGNED:

\_\_\_\_\_

JS \_\_\_\_\_

\_\_\_\_\_  
TITLE DATE

PRESIDENT 1/4/2022  
\_\_\_\_\_  
TITLE DATE



## NORTHERN MORaine W R D

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### AGENDA ITEM # 10E

<b><u>Meeting Date:</u></b>	January 11, 20221
<b><u>Item:</u></b>	Approve Resolution Adopting Revised COVID-19 Safety Procedures
<b><u>Staff Recommendation:</u></b>	Approve a Resolution Establishing COVID Safety Precautions
<b><u>Staff Contact:</u></b>	Mohammed M. Haque, District Manager

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**Background:**

The District adopted a COVID-19 Safety Policy back in April 13, 2021. That policy requires individuals that test positive for COVID to quarantine for 10 days from the onset of symptoms. Recently, the CDC has changed it's guidance to 5 days. The District would like to update our policies to reflect this shorter time for the return to work and to allow the District Manager the discretion needed to adjust to this ongoing situation.

**Recommendation:**

It is the recommendation of the District Manager to approve a Resolution establishing Revised COVID-19 safety precautions.

**Votes Required to Pass:**

Simple Majority, via a Roll Call Vote



**NORTHERN MORAINES WASTEWATER RECLAMATION DISTRICT**

**RESOLUTION NO. 2022-\_\_\_\_\_**

**RESOLUTION ESTABLISHING COVID-19 SAFETY PRECAUTIONS**

**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 (the “**Act**”); and

**WHEREAS**, the District provides, *inter alia*, sanitary sewage collection and treatment services for persons within the corporate limits of the District (the “**Services**”); and

**WHEREAS**, the Services are an essential function for the maintenance of the public health, safety, and welfare of the persons living, working, or interacting within the District’s service area, as well as for the environmental and ecological health of such service area and public waters located therein; and

**WHEREAS**, to continue to provide its essential Services, it is necessary for the District to have and maintain a skilled staff that is available to serve the District and its residents and users; and

**WHEREAS**, the effects of the COVID-19 pandemic have presented serious health risks to individuals while causing significant disruption to commerce and personal activities within the District and worldwide; and

**WHEREAS**, in the face of the challenges arising from COVID-19, the President and Board of Trustees of the District (the “**District Board**”) have determined that it is essential for the public health, safety, and welfare of the District, its residents, and those interacting with persons and businesses within the District or having any association with persons or businesses located downstream from the receiving waters of the District’s treatment facilities that all steps be taken to ensure the safe, effective, efficient, and continued operation of the District and its facilities (the “**Operations**”) and the continued provision of the Services; and



**WHEREAS**, to protect the District's staff and persons interacting with the District's staff, and to better ensure that the District's staff remains available and accessible for performing the essential Operations and providing the Services of the District, the District previously established temporary rules for District officers, officials, employees, contractors, service providers, and users pursuant to District Resolution No. 21-03 (the "***Special COVID Rules***"); and

**WHEREAS**, the Illinois Department of Public Health ("***IDPH***") has recently issued guidance regarding isolation and quarantine periods for those testing positive for COVID-19 and those who have come into close contact with someone with COVID-19 ("***IDPH Guidance***"); and

**WHEREAS**, the District Board desires to update its Special Covid Rules to incorporate the IDPH Guidance (the "***Updated Special COVID Rules***"); and

**WHEREAS**, compliance with the Updated Special COVID Rules shall be deemed part of the duties of the employees of the District and the obligation of those doing business with the District, a condition for the entry upon District property, and a condition of the Services of the District;

**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: Adoption of Updated Special COVID Rules; Supplemental Rules.**

A. Adoption. The District Board hereby adopts and approves the "Updated Special COVID Rules" that are attached hereto as Exhibit A and made a part hereof, which Updated Special Covid Rules shall replace the previously approved Special Covid Rules. The District Manager is hereby directed to post the Updated Special COVID Rules on the District's website and otherwise circulate such Updated Special COVID Rules to all District employees.

B. Supplemental Rules. The District Manager is hereby authorized to establish additional rules to supplement the Updated Special COVID Rules that are reasonable and not inconsistent with the guidelines and directives of the Center for Disease Control and the Illinois

Department of Public Health ("***Supplemental Rules***"). The District Manager shall post all such Supplemental Rules on the District's website and otherwise circulate such Supplemental Rules as soon as possible after adoption. Any such Supplemental Rules shall be deemed incorporated into the Updated Special COVID Rules.

**SECTION THREE: Violations of Updated Special COVID Rules.**

A. Violations by Officers, Officials, and Employees. The Updated Special COVID Rules shall be deemed to be incorporated and made a part of the District's Employee Manual. Any officer, official, or employee of the District who violates the Updated Special COVID Rules will be deemed to have violated the District's Employee Manual and will be subject to discipline as set forth in the Employee Manual. To the extent that the Employee Manual does not apply to an officer or official of the District, any violation shall be reported to the District Board, which shall be authorized to discipline such officer or official.

B. Violations by Non-Employees. Any person other than an officer, official, or employee of the District who violates the Updated Special COVID Rules while located upon any property of the District shall be deemed a trespasser and subject to civil and criminal penalties therefor as provided by law.

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

PASSED THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2022.

AYES:            ( )

NAYS:            ( )

ABSENT:        ( )

APPROVED THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2022.

\_\_\_\_\_  
President

ATTEST:

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

## EXHIBIT A

### Updated Special COVID Rules

The Northern Moraine Wastewater Reclamation District (the “***District***”), through its Board of Trustees, has adopted the following special rules (the “***Updated Special COVID Rules***”) in order to protect employees and others and minimize the risk of transmission of SARS-CoV-2, the virus that causes COVID-19. The Updated Special COVID Rules apply to all officers, officials, and employees of the District, as well as to any other persons who visit District facilities or properties.

#### General Safety Guidelines

- To the extent feasible, maintain 6 feet of social distance. When such social distancing cannot be maintained, masks must be worn. This requirements shall not apply to any District employee after 14 days of such employee being fully vaccinated.
- Wash your hands after using the restroom, before eating, and if you cough/sneeze into your hands [follow the 20-second handwashing rule]. Use hand sanitizer when possible.
- Cough/sneeze into your sleeve, preferably into your elbow. If you use a tissue, discard it properly and clean/sanitize your hands immediately.
- Avoid touching your face, particularly eyes, nose, and mouth with your hands to prevent from getting infected.
- Travel in separate vehicles at all times. This requirements shall not apply to any District employee after 14 days of such employee being fully vaccinated.
- If you find yourself coughing/sneezing on a regular basis, avoid close physical contact with your coworkers and others and take extra precautionary measures (such as requesting sick leave).
- If you have cold symptoms, such as fever/nagging cough/feeling lousy, do not come to work. If symptoms persist, consult your doctor and get tested for COVID.

#### Masks

- Masks (i.e., face coverings that are either cloth face coverings or surgical masks) shall be worn so as to cover one’s nose and mouth, as follows:
  - Upon entering any District building and in all common areas (hallways, bathrooms, break room, etc.).
  - Whenever meeting with, or in the same room as, another person. (For example, two or more people in the control room, ops. computer area, etc.).
  - Whenever **non-District** personnel (contractors, haulers, consultants, salespeople, customers, etc.) are inside any District building.

- If you see someone without a mask, District personnel should inform them of these Updated Special COVID Rules or notify management.
- Masks can be removed by District employees who are working alone in any room that can be closed with a door or that is otherwise enclosed or designed to maintain social distancing of at least six feet.
- Mask requirements shall not apply to any District employee after 14 days of such employee being fully vaccinated.

### **COVID-19 Positive Cases**

Employees who have tested positive for COVID-19 shall notify the District Manager and shall not appear for work, except after observing the following protocols:

- Employees who test positive for COVID-19, regardless of vaccination status, should isolate for 5 days after onset of symptoms, or 5 days after date of positive test if no symptoms are present.
- Employees who have tested positive for COVID-19, regardless of vaccination status, should (a) stay masked when around others for 10 days following onset of symptoms, or (b) if no symptoms are apparent, stay masked when around others for 10 days following date of positive test.
- If the case has no symptoms or their symptoms have resolved after 5 days, the employees are released from isolation after 5 days. They should continue to wear a mask around others for 5 additional days.

### **Quarantine Period Following Close Contact With Someone With COVID-19**

Employees who have had close contact with someone with COVID-19 shall notify the District Manager and shall observe the following protocols:

<p>If the employee: Is eligible for boosting and has been boosted OR completed the primary series of Pfizer or Moderna within the last 6 months OR Completed the primary series of J&amp;J vaccine within the last 2 months.</p>	<p>Wear a mask around others for 10 days.</p> <p>Test on day 5, if possible.</p> <p>If the employee develops symptoms, they should immediately quarantine until a negative test confirms symptoms are not caused by COVID-19.</p>
<p>If the employee: Completed the primary series of Pfizer or Moderna vaccine over 6 months ago and are not boosted OR completed the primary series of J&amp;J over 2 months ago and are not boosted OR are unvaccinated.</p>	<p>Stay home for 5 days. After that continue to wear a mask around others for 5 additional days.</p> <p>Test on day 5, if possible.</p> <p>If the employee develops symptoms, they should immediately quarantine until a negative test confirms symptoms are not caused by COVID-19.</p>



## NORTHERN MORaine W R D

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### AGENDA ITEM # 10F

<b><u>Meeting Date:</u></b>	January 11, 2022
<b><u>Item:</u></b>	NIMEC Electrical Agreement
<b><u>Staff Recommendation:</u></b>	For Information Only
<b><u>Staff Contact:</u></b>	Mohammed M. Haque, District Manager

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**Background:**

Historically, at the January board meeting, we authorize NIMEC to put our electrical power purchase under bid with their consolidated bidding. We did that last year and opted to enter into a 2 year agreement with AEP Energy based on their low bid. A copy of their agreement is attached. No work is needed this year, but we will have to rebid in 2023.

**Recommendation:**

For Information Only

**Votes Required to Pass:**

Not Applicable



# Attachment A-1

## Product and Pricing Summary



Customer Identifier	Northern Moraine WasteWater Reclamation District	Earliest Anticipated Start Date*	5/20/2021
Utility/EDC	ComEd - IL	Term	24 Months
No. of Service Location(s)	25	Days to Pay	60
Generation Date	3/1/2021	Offercode	900489083B182327041
Pricing Expiration Time	3/3/2021 3:00 CPT		
Billing Method	Single Bill - Supplier Consolidated Billing		
Product Name	Fixed Price All Inclusive		

\*Reference the Customer Service Location Information table for Service Location-specific Anticipated Start Date(s).

### Pricing Details

Energy Price 0.04537 \$/kWh

Energy Price Includes:	Component Details	Component Description
✓ Energy	Included in Energy Price.	
✓ Capacity	Included in Energy Price.	Capacity obligations are administered by the applicable RTO and determined for Customer using applicable rates and its capacity peak load contribution (PLC), as provided by the EDC for each Service Location. This pricing incorporates all relevant published PJM Interconnection (PJM) Reliability Pricing Model (RPM) Base Residual Auction (BRA) and incremental auction zonal clearing prices for capacity and will not be increased based solely on any subsequent PJM RPM BRA and incremental auction clearing prices for these Service Location(s).
✓ Transmission	Included in Energy Price.	Transmission obligations, or Network Integration Transmission Service (NITS), are administered by the applicable RTO and determined for Customer using applicable rates and its network service peak load (NSPL) contribution, as provided by the EDC for each Service Location.
✓ Energy Losses	Included in Energy Price.	Energy losses are costs associated with Retail Energy delivery as prescribed in the applicable transmission and distribution tariffs and incurred based on the difference between EDC meter volumes and RTO settlement volumes.
✓ Ancillary Services	Included in Energy Price.	Ancillary services costs include all other applicable RTO and Open Access Transmission Tariff (OATT) charges necessary to facilitate the transmission of Retail Energy to the EDC and not otherwise included in another cost component.
RPS	RPS is a non-bypassable charge billed by the EDC.	Renewable Portfolio Standards (RPS) costs are associated with compliance with applicable laws intended to incentivize the increased production of energy from certain renewable energy sources.

The Energy Price is charged on all Retail Energy usage under this Attachment A-1.

### Additional Terms

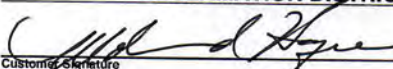
*These additional terms and conditions are applicable to this Attachment A-1 only.*

Subject to any modification set forth herein, this Attachment A-1 (including any attached rider) is subject to the General Terms and Conditions and any exhibit thereto most recently entered into between the parties on or prior to the date hereof (the "Agreement"), which become a part of, and govern, this Attachment A-1. Any term used, but not defined herein, has the meaning given in the Agreement. The pricing on this Attachment A-1 does not include any EDC or otherwise non-bypassable charge or any applicable (and not expressly included) tax.

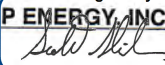
**Regulatory Disclosure:** AEP Energy is a licensed Alternative Retail Electric Supplier (ARES). While it is an independent supplier of power certified by the Illinois Commerce Commission, AEP Energy is not soliciting on behalf of, endorsed by, acting on behalf of, and is not an agent of your electric utility, any governmental body, or consumer group. AEP Energy is not the same entity as your electric delivery company. You are not required to enroll with AEP Energy.

Each of the parties has caused this Attachment A-1 to be executed by a duly authorized representative, who, by applying his or her signature, represents and warrants full right, power, and authority to sign on behalf of the relevant party named below, effective as of the date hereof.

#### NORTHERN MORAIN WASTEWATER RECLAMATION DISTRICT

  
 Customer Signature  
 MOHAMMED HAQUE  
 Name (Print)  
 DISTRICT MANAGER  
 Title  
 03/03/2021  
 Date

#### DocuSigned by: AEP ENERGY, INC.

  
 Signature  
 EEFCE93F93C44AE...  
 Scott D. Slusher  
 Name  
 Chief Solutions Officer  
 Title  
 3/7/2021  
 Date



Customer Identifier: Northern Moraine WasteWater Reclamation District  
Offercode: 900489083B182327041



### Customer Service Location\* Information

\* In the event that any Account Number below is revised, AEP Energy may, but is not required, to substitute and enroll any such substitute account number during the Term without further action or consent of Customer. To the extent required, Customer expressly consents to any such enrollment or substitution made by AEP Energy.

No.	Account Number	Service Location Address	Bill Cycle No.	Anticipated Start Date	Anticipated End Date	PLC as of 6/1/2020 (kW)	PLC as of 6/1/2021 (kW)	NSPL as of 1/1/2021 (kW)
1	5154086053	420 Timber Trail	15	5/20/2021	5/20/2023	182.92	151.04	163.97
2	0093129063	532 Santa Barbara RD	17	5/24/2021	5/24/2023	1.32	0.29	0.47
3	0126133015	0 Stone Rd Pump	16	5/21/2021	5/21/2023	0.49	0.22	0.23
4	0245033050	2285 Walnut Glen	17	5/24/2021	5/24/2023	0.85	0.29	0.29
5	0333118095	0 Fenview Cir & Dowell	17	5/24/2021	5/24/2023	0.66	0.43	0.14
6	0372150046	300 Herbert RD	17	5/24/2021	5/24/2023	0.16	0.14	0.15
7	0477061028	500 Wegner Rd	17	5/24/2021	5/24/2023	5.55	4.32	3.52
8	1193152047	0 NE Fern Dr & Popular Dr	15	5/20/2021	5/20/2023	1.87	2.09	1.63
9	1236004006	300 Venice Dr	17	5/24/2021	5/24/2023	1.48	0.72	0.77
10	1344148000	100 S Lakeshore Dr	17	5/24/2021	5/24/2023	3.97	0.49	0.53
11	1398097107	0 Darrell & Wagon TRI	17	5/24/2021	5/24/2023	3.44	6.31	5.34
12	1567158062	2629 Wisteria Way Port	15	5/20/2021	5/20/2023	0.76	0.70	0.84
13	2332107009	4320 Watersledge Dr	15	5/20/2021	5/20/2023	0.51	0.58	0.56
14	2434060038	0 E Side Westridge Dr	15	5/20/2021	5/20/2023	0.85	1.33	1.05
15	2502134029	3923 Hale Ln	15	5/20/2021	5/20/2023	1.28	1.27	1.08
16	2604060006	230 Southshore Dr	15	5/20/2021	5/20/2023	1.47	1.64	1.74
17	3567414012	243 Timbertrail Rd	15	5/20/2021	5/20/2023	0.36	0.63	0.79
18	3567415019	243 Timbertrail Rd	15	5/20/2021	5/20/2023	4.34	3.83	4.20
19	4032004009	100 Rawson Bridge Rd	15	5/20/2021	5/20/2023	20.43	3.38	2.97
20	4236131038	2900 Spruce Ter	15	5/20/2021	5/20/2023	1.33	0.92	0.60
21	5580009039	127 South Dr	17	5/24/2021	5/24/2023	3.70	3.82	4.08
22	7330064006	3314 Burr Oak Ln	15	5/20/2021	5/20/2023	0.21	0.16	0.19
23	7398065012	0 NE Waterford Way	15	5/20/2021	5/20/2023	3.88	3.61	3.60
24	0496138026	3440 Hale Ln	15	5/20/2021	5/20/2023	1.31	1.42	1.06
25	0372155069	27715 W Route 120	19	5/26/2021	5/26/2023	0.16	1.04	0.83
<b>Total</b>						<b>243.30</b>	<b>190.67</b>	<b>200.62</b>

### Estimated Customer Usage Table (kWh)

Account Number	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
5154086053	106,178	98,422	106,853	103,452	105,633	101,522	103,594	96,993	83,733	86,898	94,623	100,531	1,188,433
0093129063	619	599	701	728	803	565	264	392	405	436	513	566	6,592
0126133015	186	200	142	174	202	122	105	99	81	80	96	120	1,608
0245033050	641	863	673	705	763	725	622	511	440	670	873	526	8,012



Account Number	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0333118095	614	614	718	615	599	537	438	330	302	356	460	532	6,115
0372150046	202	216	140	137	168	144	126	127	110	115	134	150	1,770
0477061028	3,684	3,578	5,216	6,895	8,135	6,155	2,987	2,332	2,282	2,851	3,533	3,562	51,210
1193152047	1,599	1,505	1,712	1,835	1,999	1,755	1,496	1,456	1,329	1,376	1,499	1,542	19,102
1236004006	1,129	1,103	1,112	1,230	1,322	995	657	767	756	746	787	884	11,487
1344148000	693	709	828	909	996	697	391	407	386	419	507	579	7,522
1398097107	5,178	4,775	5,237	4,886	4,773	4,549	4,617	4,316	3,819	4,097	4,642	4,943	55,831
1567158062	3,797	3,195	2,118	1,336	852	583	594	586	514	979	1,909	2,790	19,252
2332107009	323	323	400	381	403	374	363	341	312	310	303	307	4,141
2434060038	504	508	652	645	661	618	625	546	434	442	482	490	6,607
2502134029	1,238	1,130	1,233	1,288	1,369	1,216	1,069	1,106	1,053	1,106	1,175	1,184	14,167
2604060006	1,639	1,426	1,599	1,305	1,346	1,239	1,158	1,170	1,137	1,249	1,449	1,574	16,292
3567414012	1,611	1,178	1,165	940	725	545	588	611	776	964	1,111	1,527	11,740
3567415019	2,034	1,905	1,638	1,060	999	1,107	1,155	1,079	849	872	868	1,363	14,929
4032004009	4,515	5,379	5,594	5,661	6,190	3,487	2,926	3,172	3,456	3,237	3,420	4,012	51,051
4236131038	1,292	1,170	1,302	1,307	1,274	1,075	865	731	683	836	1,017	1,141	12,692
5580009039	2,448	2,408	3,336	3,314	3,124	2,713	2,675	2,510	2,154	2,170	2,384	2,375	31,610
7330064006	385	144	146	124	117	108	113	118	108	312	330	305	2,311
7398065012	2,674	2,538	2,969	3,221	3,441	2,962	2,316	2,216	1,984	2,105	2,426	2,570	31,421
0496138026	1,109	1,027	1,134	1,144	1,161	1,041	977	996	919	946	1,015	1,045	12,513
0372155069	883	869	829	702	662	553	497	534	500	581	671	762	8,043
<b>Total</b>	<b>145,174</b>	<b>135,783</b>	<b>147,449</b>	<b>143,993</b>	<b>147,718</b>	<b>135,388</b>	<b>131,217</b>	<b>123,445</b>	<b>108,521</b>	<b>114,154</b>	<b>126,229</b>	<b>135,380</b>	<b>1,594,451</b>





## Master Energy Purchase Agreement – Electric Commodity Sales (Commercial GTC v.05.02.19)

This Master Energy Purchase Agreement – Electric Commodity Sales, which comprises the below General Terms and Conditions (the “General Terms and Conditions”) dated and effective as of 03/02/2021 and all schedules, attachments, riders, and exhibits hereto, including any Attachment A-1 (each, an “Attachment” and collectively, this “Agreement”), is entered into by and between AEP Energy, Inc. (“AEP Energy”) and Northern Moraine WasteWater Reclamation District (“Customer”) (each of AEP Energy and Customer referred to individually as a “Party” and collectively as the “Parties”) and is intended to govern the purchase and sale of Retail Energy (as hereinafter defined) between the Parties for Customer’s account(s) (which may include non-metered lighting accounts) specified on any Attachment (each, a “Service Location”).

### **General Terms and Conditions**

#### **I. PURCHASE AND SALE OF RETAIL ENERGY**

During the relevant Term (as hereinafter defined) and unless excused by a Force Majeure, AEP Energy shall sell to Customer the commodity portion of its retail electric requirements at each Service Location, and Customer shall exclusively purchase from AEP Energy and take delivery of, all of its retail electric generation supply requirements at each such Service Location (the “Retail Energy”), the terms and conditions of which are described in the relevant Attachment(s). The Retail Energy shall be provided to Customer’s relevant electric distribution company (each as specified in the relevant Attachment, the “EDC”) and transmission system interconnection point (each, a “Delivery Point”). The EDC is responsible for delivery of the Retail Energy to any Service Location at and from the Delivery Point, as well as for reading Customer’s meter and responding to emergencies. The delivery and metering of the Retail Energy is subject to the applicable terms and conditions of the EDC. Customer designates AEP Energy as an authorized recipient of Customer’s account, billing, and historical and ongoing usage information and consents to the disclosure by the EDC to AEP Energy of certain basic information about Customer and each Service Location, including: account number, meter number, meter read data, rate class, billing and payment information, account name, service address, billing address, and telephone number. Customer is solely responsible for payment of all charges or costs related to the EDC’s delivery or distribution of the Retail Energy to Customer and other services, whether billed to AEP Energy or Customer, including any switching, telecommunications, and/or meter or meter reading related costs.

The Retail Energy pricing specified in any Attachment is determined by AEP Energy using Customer’s actual and estimated historical and forecasted load data, which is considered representative of each Service Location’s anticipated Retail Energy requirements for the Term, and applies to all Retail Energy covered under the relevant Attachment, including any unmetered lighting volumes. With respect to any pricing, or a factor of the pricing, in any Attachment based (in whole or part) upon a specified index, any such reference, publication (in whole or part), or entity responsible for the publication of the price source includes any successor thereto.

#### **II. BILLING AND PAYMENT**

**A. General Billing and Payment Terms:** AEP Energy or the relevant EDC shall provide monthly invoices related to the sold Retail Energy, based on the relevant EDC’s meter read cycle, in accordance with the billing method specified in the relevant Attachment, (1) as a single bill through utility/EDC consolidated billing (UCB), (2) through supplier consolidated billing (SCB), or (3)

as a separate bill from each of AEP Energy and the relevant EDC (Dual Bill); provided, however, the relevant EDC may convert or alter the invoicing method from time to time as it so requires. AEP Energy will send SCB or Dual Bill invoices via the first available method (listed in order of priority): (1) the billing email address stated in the “Customer Information” table at the end of these General Terms and Conditions (unless Customer requests paper bills) or later specified by Customer in writing (including email), (2) the billing mailing address stated in such table or later specified by Customer in writing (including email), or (3) the physical address of any Service Location. AEP Energy may itemize or summarize invoices according to the various cost components (e.g., capacity or transmission) related to the Retail Energy and shall provide all further reasonable billing detail to Customer upon request. AEP Energy has the right to estimate bills in cases where actual billing determinants are unavailable. In cases where estimated bills are issued, AEP Energy shall subsequently reconcile the actual bill(s) and the estimated bill(s) and post any debit or credit amount to Customer’s account. Customer shall pay all amounts due according to the instructions on the relevant invoice by payment in check or wire transfer of immediately available funds or via Automated Clearinghouse, such that AEP Energy will have received such payment not later than the close of business on the business day following the number of calendar days specified in the relevant Attachment from the date of the invoice containing the relevant charges. Late payments with respect to any and all amounts due and payable to AEP Energy (including any outstanding late payment charges and Settlement Amount(s) (as hereinafter defined), collectively, “Account Charges”) shall incur interest charges at a rate of interest equal to one and one-half percent (1.5%) per month or the maximum allowed under applicable law, whichever is less, and continue to accrue until all such amounts are paid in full. In any instance where any payment is declined by the issuing institution, Customer shall be assessed a charge of forty-five dollars (\$45) or the maximum allowed under applicable law (whichever is less) per declined payment. Customer shall be liable for all costs incurred by AEP Energy, including attorneys’ fees, in connection with collection and enforcement of its rights on past due Account Charges.

**B. Invoice Disputes and Adjustments:** Customer may, in good faith, dispute in writing the correctness of any invoice rendered under this Agreement with respect to amounts due to AEP Energy by (1) delivering to AEP Energy written notice of the dispute, which must include the amount of, and reasonably sufficient basis for, the disputed amount and all reasonable supporting documentation (the “Notice of Dispute”) and (2) making payment of the undisputed portion of the invoice within the normal terms, prior to the due date of the relevant invoice. During the forty-five (45) calendar days following AEP Energy’s receipt of any Notice of Dispute (the “Dispute Period”), the Parties shall expeditiously and in good faith negotiate to resolve any disputed invoice. If the Parties are unable to mutually resolve in writing such dispute before expiration of the Dispute Period, either Party may exercise any remedy available to it at law or in equity pursuant to this Agreement. Customer must dispute charges strictly in accordance with the terms of this paragraph or it will be deemed to have waived its rights to dispute such charges. AEP Energy may at any time adjust and re-issue any previously-issued invoice to reflect Customer’s actual usage and charges during the billing period covered therein, irrespective of whether Customer had previously paid the previously-issued invoice, and Customer will receive credit in such re-issued invoices



for any amount of the previously-issued invoice that had been paid by Customer.

### III. TERM AND EFFECT OF TERMINATION

Should the Parties reach agreement regarding a Retail Energy purchase and sale transaction under this Agreement, the Parties shall execute an Attachment, which will include, as applicable: (A) the identification of Service Location(s), (B) the term, (C) Retail Energy pricing and related provisions, (D) delivery quantity, and (E) other special terms and conditions, if any. This Agreement is effective as of the date hereof, and will remain in effect for so long as any Attachment remains outstanding or, if applicable, until the conclusion of any Holdover Term or Renewal Term (each as hereinafter defined) (the "Term"). The Parties agree that the EDC determines when Customer will be switched to AEP Energy for its Retail Energy supply, and that such switch will occur in accordance with the EDC's rules and practices regarding such switching. AEP Energy, therefore, shall use commercially reasonable efforts to begin supplying Retail Energy to Customer under the relevant Attachment (1) on the available enrollment date that is established by the EDC and estimated to be on or around the Anticipated Start Date specified in the relevant Attachment, and (2) after AEP Energy receives confirmation that the EDC has accepted the delivery service request (the "Commencement Date"); provided, however, that in no event shall the Commencement Date be fewer than three (3) calendar days following execution of the relevant Attachment. AEP Energy shall not be liable for any lost savings or lost opportunity as a result of any delay in any Commencement Date.

Not less than thirty (30) calendar days prior to the then-current expiration date of the relevant Term, AEP Energy may provide written notice ("Renewal Notice") to Customer of AEP Energy's intent to extend such Term ("Renewal Term"). Any Renewal Notice shall contain AEP Energy's proposed changes, amendments, deletions, or additions to the terms and conditions of this Agreement, including with regard to fees, charges, and the Renewal Term ("Renewal Amendments"). Customer shall have five (5) business days to reject in writing the Renewal Notice. Customer's failure to reject any Renewal Notice in writing within five (5) business days shall result in all Renewal Amendments, including the Renewal Term, being deemed to have been irrevocably and unconditionally agreed to by Customer.

Following termination or expiration of the relevant Term, AEP Energy may continue to supply Retail Energy under this Agreement to any Service Location on a month-to-month holdover basis (each, a "Holdover Term"). The price payable during any Holdover Term shall be the applicable Regional Transmission Organization ("RTO") EDC day ahead hourly locational marginal price (LMP) plus an adder of \$0.01 per kWh, and any and all applicable bypassable costs, charges, and fees for capacity, transmission, line losses, ancillary services, renewable portfolio standards (RPS), taxes, and any other related penalties, fees, charges, expenses, and other costs to serve incurred by AEP Energy of every kind and nature shall be passed through in a commercially reasonable manner to Customer with no additional mark-up. In cases where Customer's EDC does not provide interval usage data, AEP Energy shall, using commercially reasonable methodologies, estimate the load weighted average of the applicable LMP. Either Party may at any time terminate the Holdover Term and return any Service Location to the EDC without penalty or prejudice.

In the event of termination as provided in this Agreement, all further obligations of the Parties under this Agreement shall terminate without further liability of the Parties, except for the payment by the owing Party of any sums due and owing to the other Party related to performance delivered prior to termination, whether or not then invoiced, including any further Account Charges. Any other obligation or agreement hereunder which by its nature survives, shall survive the termination or expiration of this Agreement,

including the Parties' respective agreements and obligations under the "Confidentiality," "Title, Indemnification, Warranty, and Limitation of Liability," and "Governing Law, Venue, and Waiver of Jury Trial" sections, and shall apply whether in contract, equity, tort, or otherwise. Such termination shall, with respect to each Service Location, be effective on the next available drop date as established by the EDC. In the event that the EDC's retail electric supply choice program is terminated or materially changed in any manner prior to the end of the Term, AEP Energy may terminate the relevant Attachment(s), or, if applicable, this Agreement, without penalty to either Party.

### IV. CREDIT

Each Party represents that there is no bankruptcy, insolvency, reorganization, receivership, or other similar proceeding pending or being contemplated by it or, to its knowledge, threatened against it. Customer agrees to provide commercially reasonable credit information upon request. Should the creditworthiness or financial responsibility of Customer become unsatisfactory to AEP Energy at any time during the Term, as determined by AEP Energy in its commercially reasonable discretion, AEP Energy may request additional credit information, including financial statements in accordance with the previous sentence, and in addition thereto, require that Customer deliver to AEP Energy, as security, adequate assurance of performance, including credit support in such form and amount as AEP Energy may in its discretion require, including a parental guaranty or letter of credit from a creditworthy entity in each case acceptable to AEP Energy, deposit, or prepayment ("Adequate Assurance of Performance"). Upon receipt of such request from AEP Energy, Customer shall have five (5) business days to provide the requested information and/or Adequate Assurance of Performance to AEP Energy.

### V. EVENTS OF DEFAULT

**A. Definition:** An "Event of Default" shall mean, with respect to the Party to which the following applies (the "Defaulting Party"), the occurrence of any of the following: (1) the failure of such Party to make, when due, any payment required pursuant to this Agreement if such failure is not remedied within three (3) business days after written notice and demand for payment; (2) any representation or warranty made by such Party herein being false or misleading in any material respect when made or ceases to remain true (and which (if capable of being excused or remedied) is not remedied within fifteen (15) calendar days after written notice) during any Term; (3) the failure of such Party to perform any material covenant or obligation set forth in this Agreement, including any unexcused failure to deliver or take any quantity of Retail Energy under this Agreement, and such failure is not excused pursuant to Force Majeure (as hereinafter defined) or remedied within fifteen (15) calendar days after written notice; (4) either Party, or the entity providing Adequate Assurance of Performance, disaffirms, disclaims, repudiates, or rejects, in whole or in part, or challenges the validity of, this Agreement, any Attachment or transaction entered into pursuant to this Agreement, or any Adequate Assurance of Performance issued in connection with this Agreement; (5) AEP Energy's receipt of notice from any EDC or Customer of Customer's effective or intended termination of supply with AEP Energy at any Service Location prior to the end of the term of the relevant Attachment; (6) Customer (A) files a petition or otherwise commences, authorizes, or acquiesces in the commencement of a proceeding or cause of action under any bankruptcy, insolvency, reorganization, or similar law, or has any such petition filed or proceeding commenced against it, (B) makes an assignment or any general arrangement for the benefit of creditors, (C) otherwise becomes bankrupt or insolvent (however evidenced), or (D) has a liquidator, administrator, receiver, trustee, conservator, or similar official appointed with respect to it or any portion of its property or assets, regardless of whether such



appointment is made in connection with a bankruptcy proceeding or reorganization for the benefit of creditors; (7) the occurrence of any event of default with respect to Customer under any other agreement between the Parties, including any Master Energy Purchase Agreement – Natural Gas Commodity Sales, NAESB Base Contract for Sale and Purchase of Natural Gas, or other agreement for, or in support of, the purchase and sale of retail energy; or (8) the failure of Customer to deliver requested information and/or to deliver, and/or cause to be delivered, Adequate Assurance of Performance or otherwise satisfy the creditworthiness requirements under the "Credit" section.

**B. Suspension and Early Termination:** If an Event of Default occurs, the Party that is not the Defaulting Party (the "Non-Defaulting Party") may, at its option and in its sole discretion, take any one or more of the following actions: (1) suspend its performance under this Agreement; (2) terminate this Agreement (including any or all Attachments hereunder) by sending written notice to the Defaulting Party; or (3) exercise such other rights and remedies as may be available to it at law or in equity pursuant to this Agreement. In the event of such suspension or an early termination, Customer shall pay to AEP Energy all amounts owed under this Agreement, including amounts owed for delivered performance, whether or not then invoiced. In the event of such an early termination, (i) AEP Energy shall return the relevant Service Location(s) to the EDC effective on the next available drop date as established by such EDC and (ii) the Defaulting Party shall also pay to the Non-Defaulting Party as liquidated damages a termination payment amount (the "Settlement Amount") calculated as follows:

- For purposes of calculating any Settlement Amount, Customer's "Historical Annual Usage" is equal to the number of megawatt hours (MWhs) used by Customer at the terminated Service Location(s) in the preceding twelve (12) months.

- If Customer's Historical Annual Usage is less than or equal to fifty (50) MWhs, the Settlement Amount shall be equal to the number of months remaining in the Term multiplied by ten dollars (\$10). For example, if this Agreement is terminated two (2) months early, two (2) months x ten dollars (\$10) per month = twenty dollar (\$20) Settlement Amount.

- If Customer's Historical Annual Usage is greater than fifty (50) MWhs but less than or equal to two hundred-fifty (250) MWhs, the Settlement Amount shall be equal to the number of months remaining in the Term multiplied by fifty dollars (\$50). For example, if this Agreement is terminated two (2) months early, two (2) months x fifty dollars (\$50) per month = one hundred dollar (\$100) Settlement Amount.

- If Customer's Historical Annual Usage is greater than two hundred-fifty (250) MWhs but less than or equal to five hundred (500) MWhs, the Settlement Amount shall be equal to the number of months remaining in the Term multiplied by one hundred-fifty dollars (\$150). For example, if this Agreement is terminated two (2) months early, two (2) months x one hundred-fifty dollars (\$150) per month = three hundred dollar (\$300) Settlement Amount.

- If Customer's Historical Annual Usage is greater than five hundred (500) MWhs, the Settlement Amount shall be equal to (a) Contract Value *minus* Wholesale Market Value (if Customer is the Defaulting Party) or (b) Retail Market Value *minus* Contract Value (if AEP Energy is the Defaulting Party); provided, however, that no such Settlement Amount shall be due to a Party under this section if such Party is the Defaulting Party.

As used herein, the following terms shall have the following meanings:

"Contract Value" means the amount that would have been owed by Customer related to the Remaining Performance (as hereinafter defined) pursuant to the applicable Attachment(s).

"Retail Market Value" means what Customer is actually paying, so long as no more than is commercially reasonable, related to the Remaining Performance.

"Remaining Performance" means the amount of Retail Energy expected to be supplied by AEP Energy during the remainder of the relevant Term had it not been terminated early.

"Wholesale Market Value" means the value that AEP Energy accrues in reallocating, terminating, or liquidating any portion of any energy supply contract, hedge, or related trading position or arrangement held by or for AEP Energy, or in avoiding any cost, in the case of any cost component (e.g., capacity or transmission), related to the Remaining Performance. For the avoidance of doubt, AEP Energy shall not be required to enter into a replacement transaction(s) in order to determine the Wholesale Market Value.

The Non-Defaulting Party shall calculate the Settlement Amount in its commercially reasonable discretion, including, where applicable, its estimates of market prices and forward market prices. Such Settlement Amount calculation shall be made available to the Defaulting Party upon written request. The Settlement Amount shall be paid by the Defaulting Party to the Non-Defaulting Party within five (5) business days after notice of the Settlement Amount due and owing to the Non-Defaulting Party. The Parties acknowledge and agree that the Settlement Amount constitutes a reasonable approximation of harm or loss, is a fair and reasonable method of estimating damages that a Party will suffer or incur in such a case in the light of the anticipated or actual harm caused by the termination or suspension, the difficulties of proof of loss, and the inconvenience or non-feasibility of otherwise obtaining an adequate remedy, and is not a penalty or punitive in any respect but is reasonable compensation for a Party's damages.

## **VI. SERVICE LOCATION CLOSURE**

Customer shall provide AEP Energy at least thirty (30) calendar days' prior written notice prior to terminating supply at any Service Location, including as a result of ceasing operations at such Service Location, closing any Service Location, or the sale of any Service Location to an unrelated third party. Customer shall be responsible for payment of damages incurred by AEP Energy, if any, relating to or arising from any such termination of supply. Such damages shall be calculated in the same manner as the Settlement Amount as if Customer is the Defaulting Party. The Parties acknowledge and agree that the pricing included in the relevant Attachment reflects, among other factors, Customer's expected usage and EDC-specific pricing under such Attachment. In the event that Customer does not pay AEP Energy for related damages owed in accordance with this section, AEP Energy reserves the right to adjust, in its commercially reasonable discretion, the pricing for any remaining Service Location(s) based on the remaining estimated usage. The Parties' obligations under this Agreement will continue in full force and effect for any remaining Service Location(s) on the relevant Attachment.

## **VII. RELATIONSHIP OF PARTIES**

The relationship between the Parties is that of independent contractors for the sale and purchase of Retail Energy, and nothing in this Agreement establishes a joint venture, fiduciary relationship, partnership, other joint undertaking, or any other relationship or imposes a trust or partnership duty, obligation, or liability on either Party. Customer acknowledges that, other than those representations contained in this Agreement, it has not relied on any representation, communication (written or oral), or omission by AEP Energy in entering into this Agreement or any Attachment, including in evaluating the advantages or disadvantages of any specific product or service or predictions about savings, future energy prices, or any other matter. Customer acknowledges that the EDC's standard offer service rates generally change from time to time and therefore AEP Energy does not provide any guarantee of savings in comparison to the EDC's standard offer service rates. If Customer received price comparison(s) in connection with this Agreement, by



entry into this Agreement, Customer understands and agrees that it has been informed, prior to its entry into this Agreement, that no guarantee of savings is being provided. If a property management company or agent ("Agent") is acting and executing on behalf of the owner of any Service Location (the "Owner"), Agent represents and warrants that it has the full and complete authority to execute and bind the Owner to this Agreement and that the term of such granted authority from the Owner does not expire or terminate prior to the end of the Term. Customer agrees and acknowledges that any agent, broker, consultant, or other third party involved in any solicitation or transaction hereunder ("ABC") serves as an agent of Customer during such sales process and may receive a commission to be paid by AEP Energy from payments received from Customer hereunder.

### **VIII. ASSIGNMENT**

This Agreement shall be binding on and inure to the benefit of each Party's successors and permitted assigns. Neither Party shall assign this Agreement or its rights hereunder without the prior written consent of the other Party, which consent shall not be unreasonably withheld, conditioned, or delayed; provided, however, that without such consent, but with prior written notice, either Party may assign its rights and obligations under this Agreement to an affiliate or transfer this Agreement to any successor acquiring all or substantially all of the assets of such Party, or with respect to AEP Energy all or substantially all of the retail electric supply business of AEP Energy, so long as (1) with respect to Customer, such affiliate or successor, as applicable, (A) is reasonably determined by AEP Energy to be of similar or greater credit quality as compared to Customer and able to perform Customer's obligations hereunder and (B) delivers such enforceability assurances as AEP Energy reasonably requests and (2) with respect to AEP Energy, such affiliate or successor is contractually obligated to continue to supply Customer at the Retail Energy pricing specified in the relevant existing Attachment(s).

### **IX. FORCE MAJEURE**

Neither Party shall be required to perform or fulfill its obligations (other than such Party's obligation to make payment(s) then due or becoming due with respect to delivered performance prior to a Force Majeure) under this Agreement so long as and to the extent a Party (the "Claiming Party") is prevented by Force Majeure from carrying out, in whole or part, its obligations under this Agreement and such Claiming Party gives notice to the other Party as soon as practicable after it has actual, or reasonably should have had constructive, knowledge of such Force Majeure. "Force Majeure" shall mean an event or circumstance that (A) prevents the Claiming Party from performing its obligations; (B) cannot be reasonably overcome or avoided; (C) is beyond the Claiming Party's reasonable control; and (D) does not result from the Claiming Party's fault, negligence, or particular economic circumstances, including, to the extent satisfying the foregoing requirements, acts of God; landslides; lightning; fire; storms or storm warnings; flood; weather related events affecting an entire geographic region, such as low temperatures that cause failure of transmission or distribution systems; terrorism; sabotage; breach by the EDC; electric grid interruption and/or curtailment; earthquake; war; riot or other civil unrest; or requirements, actions, or failure to act on the part of governmental authorities, including actions such as necessity for compliance with any court order, law, statute, ordinance, regulation, or policy having the effect of law promulgated by a governmental authority having jurisdiction. Notwithstanding the foregoing in this section, in no event will Force Majeure be, or will the applicable Party's performance be excused, based on economic hardship of either Party, including a Party's ability to purchase or sell, as applicable, Retail Energy at a price more advantageous than the price under the relevant Attachment, or with respect to Customer, the loss or failure of Customer's facilities or Customer's inability to

use Retail Energy purchased hereunder. If the Force Majeure continues for a period in excess of thirty (30) calendar days, then the non-Claiming Party may terminate this Agreement by providing the other Party written notice of the early termination, without such termination constituting an Event of Default.

### **X. REGULATORY EVENT**

In the event that any new, or any change in any existing, law, statute, rule, regulation, order, decision (including any judgment or judicial decision), decree, tariff, charge, or rate class, or process, practice, procedure, protocol, design, or structure, or other event, including any change in any formula rate calculation or charge (e.g., any increase in the rate for network integration transmission service or capacity by the EDC, RTO, or Independent System Operator (ISO), as applicable), or any change in any interpretation or application of any of the foregoing, by any governmental authority, court, EDC, ISO, RTO, or other regulated service provider materially alters to the detriment of AEP Energy its costs to perform or its economic returns under this Agreement (a "Regulatory Event"), AEP Energy may pass through such cost or economic effect to Customer to eliminate the impact of such Regulatory Event, and all other terms and conditions of this Agreement shall remain in full force and effect. For the purposes of a Regulatory Event, "material" means a change that results in an increase in the relevant Retail Energy pricing under the relevant Attachment for the remainder of the relevant Term by \$0.10 per MWh or more.

### **XI. FORWARD CONTRACT**

The Parties agree that (A) this Agreement constitutes a "forward contract" within the meaning of Section 101(25) of Title 11 of the United States Code (as amended, the "Bankruptcy Code"), and for all purposes under the Bankruptcy Code; (B) AEP Energy constitutes a "forward contract merchant" within the meaning of Section 101(26) of the Bankruptcy Code and for all purposes under the Bankruptcy Code; (C) AEP Energy is acting as a "forward contract merchant" in connection with this Agreement; and (D) all payments made by Customer to AEP Energy hereunder shall constitute "settlement payments" within the meaning of Section 101(51A) of the Bankruptcy Code and for purposes of all forward contract provisions in the Bankruptcy Code.

### **XII. CONFIDENTIALITY**

Both Parties agree to keep confidential the terms and conditions of this Agreement and each proposed or consummated transaction and Attachment hereunder, including price, product specifications, and quantity information, except for any required disclosure to any regulatory body, governmental entity, or agency having jurisdiction, any disclosure reasonably necessary to enforce the terms of this Agreement, or any disclosure to any accountant, attorney, or other professional acting on behalf of or representing the receiving Party, any ABC, or any affiliated or third-party agent, advisor, or contractor implementing this Agreement or the purposes hereof.

### **XIII. TITLE, INDEMNIFICATION, WARRANTY, AND LIMITATION OF LIABILITY**

Title to and control and possession of the Retail Energy shall pass from AEP Energy to Customer at the Delivery Point. AEP Energy shall have and assume responsibility for any injury, loss, expense, penalty, liability, damage, or loss (each, a "Liability") with respect to, and shall defend, indemnify, and hold harmless Customer against all claims and Liabilities, including attorneys' fees (collectively, "Claims"), arising from, the Retail Energy prior to its delivery to the relevant Delivery Point, and Customer shall have and assume responsibility for any Liability with respect to, and shall defend, indemnify, and hold harmless AEP Energy against all Claims arising from, the Retail Energy at and after the relevant Delivery Point, in each case, with respect to each Party, except to the extent such Claims and/or Liabilities arise out of the indemnified Party's negligence or breach of this Agreement. AEP Energy warrants title to all Retail Energy at the Delivery Point delivered hereunder and



sells such Retail Energy to Customer free from liens and adverse claims. THIS IS AEP ENERGY'S ONLY WARRANTY CONCERNING THE RETAIL ENERGY PROVIDED HEREUNDER AND IS MADE EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, OR OTHERWISE. EXCEPT AS PART OF ANY PAYMENT OF THE SETTLEMENT AMOUNT OR OTHERWISE AS EXPRESSLY PERMITTED IN ACCORDANCE WITH THE TERMS HEREOF, NEITHER PARTY SHALL BE RESPONSIBLE UNDER ANY CIRCUMSTANCES FOR ANY SPECIAL, INCIDENTAL, INDIRECT, PUNITIVE, EXEMPLARY, OR CONSEQUENTIAL DAMAGES, LOST PROFITS, OR OTHER BUSINESS INTERRUPTION DAMAGES, BY STATUTE, IN TORT OR CONTRACT OR OTHERWISE. IN ADDITION, AEP ENERGY'S AGGREGATE LIABILITY UNDER THIS AGREEMENT SHALL BE LIMITED TO AN AMOUNT EQUAL TO THE TOTAL OF THE AEP ENERGY CHARGES CONTAINED IN THE FIRST TWO INVOICES REFLECTING THE ENERGY COST SPECIFIC TO CUSTOMER'S METER READS AS THE SOLE AND EXCLUSIVE REMEDY, AND ALL OTHER REMEDIES OR DAMAGES AT LAW OR IN EQUITY ARE EXPRESSLY WAIVED. NOTWITHSTANDING WHETHER THE RETAIL ENERGY SOLD HEREUNDER MEETS THE DEFINITION OF A "GOOD" UNDER THE APPLICABLE UNIFORM COMMERCIAL CODE OF THE GOVERNING LAW, THE PARTIES AGREE THAT ARTICLE 2 OF THE UNIFORM COMMERCIAL CODE SHALL APPLY TO THE TERMS OF THIS TRANSACTION AS IF THE RETAIL ENERGY SOLD HEREUNDER WERE A "GOOD."

#### **XIV. NOTICES**

Any notice served hereunder from AEP Energy to Customer, shall be in writing and sent to any of Customer's billing or notice address or email address specified in writing by Customer from time to time, the address of any Service Location, or the address to which bills are sent to Customer. Any notice served hereunder from Customer to AEP Energy shall be in writing and shall be delivered to AEP Energy, Inc., Attn: Legal Department, 225 West Wacker Drive, Suite 600, Chicago, IL 60606 or such other address specified in writing by AEP Energy from time to time as the notice address. In the absence of proof of actual receipt, notice shall be deemed to have been received (A) if by email, on the close of the business day on which it was transmitted, (B) if by overnight mail or courier, on the next business day after it was sent, or (C) if by first class mail, on the fifth (5<sup>th</sup>) business day after mailing, each as established by business records or any other commercially reasonable evidence.

Customer shall be responsible for communicating to AEP Energy any changes to Customer's billing, notice, or email address, ownership, business name, telephone number, contact person, or meter number(s) for each Service Location as soon as practicable but in any event no later than fifteen (15) calendar days after any such change takes effect. Customer affirms its agreement that AEP Energy and entities calling on AEP Energy's behalf may make calls to the number(s) Customer has provided, or will provide during the Term, regarding Customer's account(s), including about amounts due. By providing AEP Energy Customer's email address, Customer agrees to receive notices electronically, where permitted under applicable law.

#### **XV. GOVERNING LAW, VENUE, AND WAIVER OF JURY TRIAL**

This Agreement, with respect to any Service Location, shall be governed by, and construed and enforced exclusively in accordance with, the laws of the state where such Service Location is located, without regard to its choice of law provisions. Each Party expressly waives its rights as a consumer under any law granting consumers special rights and protections. Any action arising out of

this Agreement shall be litigated exclusively in any federal court, if it has jurisdiction over the matter, or any state court, if there is no federal jurisdiction, located within the state where any Service Location that is a subject of such action is located, in the plaintiff Party's sole discretion, and the Parties expressly consent and irrevocably submit to the jurisdiction of said courts for purpose of any such actions and covenant not to sue in any other court. The Parties agree not to raise, and waive, any objections or defenses based upon venue or forum non conveniens. EACH OF THE PARTIES HEREBY IRREVOCABLY AND UNCONDITIONALLY WAIVES ALL RIGHT TO TRIAL BY JURY IN ANY ACTION, PROCEEDING, OR COUNTERCLAIM (WHETHER BASED ON CONTRACT, TORT, OR OTHERWISE) DIRECTLY OR INDIRECTLY ARISING OUT OF OR IN CONNECTION WITH THIS AGREEMENT OR THE TRANSACTIONS CONTEMPLATED HEREBY.

The Parties agree that any action, suit or proceeding arising out of or in connection with this Agreement shall be brought in the plaintiff or claimant Party's individual capacity and not as a plaintiff or class member in any purported class or representative proceeding. EACH OF THE PARTIES HEREBY IRREVOCABLY AND UNCONDITIONALLY WAIVES ANY RIGHT TO ASSERT ANY CLAIMS AGAINST THE OTHER PARTY AS A REPRESENTATIVE OR MEMBER IN ANY CLASS OR REPRESENTATIVE ACTION. TO THE EXTENT EITHER PARTY IS SO PERMITTED TO PROCEED, THE PARTIES AGREE THAT: (A) THE PREVAILING PARTY SHALL NOT BE ENTITLED TO RECOVER ATTORNEYS' FEES OR COSTS ASSOCIATED WITH SUCH ACTION; AND (B) THE PARTY WHO INITIATES OR PARTICIPATES AS A CLASS MEMBER WILL NOT SUBMIT A CLAIM OR OTHERWISE PARTICIPATE IN ANY RECOVERY SECURED THROUGH SUCH ACTION.

#### **XVI. SEVERABILITY AND WAIVER**

If any provision in this Agreement is determined or rendered void, unlawful, or otherwise unenforceable for any reason whatsoever, (A) the remaining provisions shall remain in force and shall not otherwise be affected, and (B) such provision or section shall be deemed amended to the extent necessary to make it valid while still giving effect to the agreement of the Parties. The rights and remedies of the Parties under this Agreement and at law are cumulative. No waiver of any breach of this Agreement shall operate as a waiver of any other or subsequent breach. No delay, failure, or single or partial exercise by AEP Energy in enforcing any part of this Agreement shall be deemed a waiver of or shall prejudice any of its rights or remedies hereunder.

#### **XVII. ENTIRE AGREEMENT, AMENDMENT, AND MISCELLANEOUS**

This Agreement sets forth all understandings between the Parties regarding the subject matter hereof, and any prior contracts, understandings, and representations, whether oral or written, relating to such subject matter are merged into, and superseded by, this Agreement. No waiver, alteration, amendment, or modification of any of the provisions of this Agreement shall be binding unless in writing and signed by a duly authorized representative of each Party. No failure to enforce shall be deemed to constitute an amendment hereto. This Agreement constitutes a master agreement under which one or more Attachment(s) may be executed for the purpose of designating Retail Energy supply, respectively, with respect to the Service Location(s) listed on the relevant Attachment, and all transactions are entered into in reliance on the fact that these General Terms and Conditions and any and all Attachments form a single agreement between the Parties, and the Parties would not otherwise enter into any transactions. In the event of a conflict between the terms of the General Terms and Conditions and any Attachment, the terms of any Attachment shall govern and take precedence. The words



"include" and "including" shall be deemed to be followed by the phrase "without limitation." The headings and subheadings contained in this Agreement are used solely for convenience and do not constitute a part of this Agreement and shall not be used to construe or interpret the provisions of this Agreement. This Agreement shall be considered for all purposes as prepared through the joint efforts of the Parties and simply construed according to its fair meaning and shall not be construed against one Party or the other as a result of the manner in which this Agreement was negotiated, prepared, drafted, or executed. This Agreement is effective only upon Customer's execution and AEP Energy's subsequent execution or performance of this Agreement.

Statutory disclosure to Ohio customers required pursuant to Ohio law: As applicable, Customer may be charged switching fees by the EDC.

# **XVIII. COUNTERPARTS AND ELECTRONIC SIGNATURES**

This Agreement may be executed in one or more counterparts, each of which shall be considered an original, all of which together shall constitute one and the same agreement, and any of which may be executed and evidenced by signature transmitted by email or other electronic means as though it were an original. In accordance with the federal Electronic Signatures in Global and National Commerce Act, 15 U.S.C. Section 7001 et seq., the Parties hereby agree that they may execute this Agreement using electronic means, including the use of electronic signatures by the Parties, which the Parties agree shall have the full force and legal effect as if the electronic signatures were traditional hand-written signatures. Each Party agrees not to contest, or assert any defense to, the validity, admissibility, or enforceability of either Party's electronic signature on the grounds that such signature is in electronic form or was executed or evidenced by email or other electronic means or an electronic record was used in its formation.

Customer Information		
	<b>Billing Information:</b> <input type="checkbox"/> Please send paper invoices.	<b>Contract Notice Information:</b> <input type="checkbox"/> Same as Billing Information
<b>Address 1:</b>	420 Timber Trail <i>113 Timber Trail</i>	
<b>Address 2:</b>	Island Lake, IL 60042	
<b>Attn:</b>		
<b>Telephone:</b>	847-526-3300	
<b>Email:</b>	info @ nmwrd.org	

*haque @ nmwrd.org*

Each of the Parties has caused this Agreement to be executed by a duly authorized representative, who, by applying his or her signature, represents and warrants full right, power, and authority to sign on behalf of the relevant Party named below, effective as of the date first written above.

**AEP Energy, Inc.**

**Customer: Northern Moraine WasteWater  
Reclamation District**

Signature: \_\_\_\_\_

Name: Scott D. Slisher

Title: Chief Solutions Officer

DocuSigned by:  
  
 EEFCE93F93C44AE...

Signature: \_\_\_\_\_

Name: MOHAMMED HAQUE

Title: DISTRICT MANAGER







## Exhibit A to Master Energy Purchase Agreement – Electric Commodity Sales

(Ex. A (FPAI) v.09.17.18)

The following details of this Exhibit A (this "Exhibit A") to the Master Energy Purchase Agreement – Electric Commodity Sales (the "Master Agreement") shall, upon execution, become part of and be governed by the terms of the Master Agreement (the Master Agreement, together with this Exhibit A and any Attachment(s) hereto, to be hereinafter referred to collectively as the "Agreement") and be dated and effective as of 03/02/2021. Capitalized terms not otherwise defined in this Exhibit A shall have the meaning ascribed to such terms in the Master Agreement.

**Nature of Purchase and Sale Obligation:** AEP Energy shall sell to Customer, and Customer shall purchase from AEP Energy, Customer's full usage requirements of Retail Energy at Customer's facilities based upon the retail electric energy requirements of the Service Location(s) listed on the relevant Attachment A-1.

**Retail Energy Pricing:** Customer's total monthly invoice may be itemized by the various costs associated with the functions specific to Retail Energy supply and delivery in the EDC service territory listed in the relevant Attachment A-1. The itemized costs shall be determined by the executed Attachment(s) hereto and as described in the Definitions of Terms below. The below Energy Price does not include any EDC or otherwise non-bypassable charges for services under the applicable electric rate tariff or any applicable (and not expressly included) taxes.

**Term:** AEP Energy shall use reasonable efforts to begin supplying Retail Energy to Customer (the "Commencement Date") under the relevant Attachment A-1 (a) upon the meter read date that is estimated to be on or around the Anticipated Start Date specified in the relevant Attachment A-1, and (b) after AEP Energy receives confirmation that the EDC has completed its processing and has accepted the delivery service request; provided, however, that in no event shall the Commencement Date be fewer than three (3) calendar days following the Offer Expiration Time set forth in the relevant Attachment. AEP Energy shall not be liable for any lost savings or lost opportunity as a result of a delay in the Commencement Date. This Exhibit A shall remain in effect from the date hereof and the relevant Term shall continue concurrently with any Attachment A-1 then in effect, unless sooner terminated under the Agreement.

### Definitions of Terms:

**Energy Losses:** Energy losses are costs associated with the delivery of the Retail Energy as prescribed in the applicable transmission and distribution tariffs and are incurred based on the difference between EDC metered volumes and settlement volumes provided by the Regional Transmission Organization (RTO).

**Capacity:** The capacity peak load contribution (PLC) is determined and provided by the EDC for each of Customer's EDC account number(s). Capacity obligations are administered by the applicable RTO and determined for Customer using its PLC and applicable rates.

**Transmission:** Unless the EDC is responsible for transmission service, AEP Energy shall act as Customer's agent for securing and managing Customer's transmission service during the term of the Agreement. The network service peak load (NSPL) contribution is determined and provided by the EDC for each of Customer's EDC account number(s). The Network Integration Transmission Service (NITS) or transmission obligations are administered by the applicable RTO and determined for Customer using its NSPL and applicable rates.

**Ancillary Services:** Ancillary services costs include all other applicable RTO and Open Access Transmission Tariff (OATT) charges not otherwise included in this Exhibit A.

**RPS:** Renewable Portfolio Standards (RPS) are a regulation that requires the increased production of energy from renewable energy sources. RPS requirements shall be based upon renewable compliance charges, including costs associated with meeting renewable portfolio standards and all other environmental and renewal program compliance standards at the levels required under applicable law by the EDC or by state or federal regulatory agencies. To the extent the below Energy Price or Default Energy Price, as applicable, does not include all applicable RPS requirements, the RPS will be based on AEP Energy's incurred costs and billed as a separate line item.

**Energy Price:** The Energy Price shall be determined by AEP Energy using Customer's actual and estimated historical and forecasted load data, which is considered representative of the Service Location(s)' anticipated Retail Energy requirements for the term. The Energy Price is set forth in the Attachment A-1 and applies to all Retail Energy covered under the relevant Attachment A-1, including any unmetered lighting volumes.

**Metering Changes:** If after execution of the Attachment A-1, meters capable of measuring hourly (i.e., interval meters) electric usage are installed, AEP Energy may, in its sole discretion and using commercially reasonable assumptions, revise the Energy Price set forth on Attachment A-1 in order to reflect the financial impact occasioned by the new metering.

**State Disclosure(s):** The following provisions apply only to Service Locations located in the relevant state(s). AEP Energy's Illinois license was granted in Order No. 09-0147, **Pennsylvania** license number is A-2009-2132755, and **New Jersey** license number is ESL-0160. The **District of Columbia Public Service Commission's** telephone number is (202) 626-5100 and website address is [www.dcpssc.org](http://www.dcpssc.org) and Office of the People's Counsel's telephone number is (202) 727-3071 and website address is [www.opc-dc.gov](http://www.opc-dc.gov). The **Maryland Public Service Commission's** toll-free telephone number is (800) 492-0474 and website address is [www.psc.state.md.us/intranet/home.cfm](http://www.psc.state.md.us/intranet/home.cfm). The **New Jersey Board of Public Utilities Division of Consumer Relations'** toll-free telephone number is 1-800-624-0241. Applicable to Service Locations in **Ohio**: Customer has the right to request from AEP Energy twice within a twelve (12) month period up to twenty-four (24) months of Customer's payment history without charge; Customer may be charged switching fees by the EDC.

IN WITNESS WHEREOF, each of the Parties has caused this Exhibit A to be executed by a duly authorized representative, who, by applying his or her signature, represents and warrants full right, power, and authority to sign on behalf of the relevant Party named below, effective as of the date first written above.

**AEP Energy, Inc.**

Signature:

DocuSigned by:  
  
 EEFCE93F93C44AE...

Name: Scott D. Slisher

Title: Chief Solutions Officer

**Customer:** Northern Moraine WasteWater Reclamation District

Signature:

Name:

MOHAMMED HAQUE

Title:

DISTRICT MANAGER





January 5, 2022

Dear Residents of Holiday Hills and Le Villa Vaupell,

I have encouraging news to share. The Northern Moraine Wastewater Reclamation District (NMWRD) is making significant progress toward the goal of developing a public sanitary sewer system to serve the Village of Holiday Hills and Le Villa Vaupell following many years of repeated efforts. This past July, the Village of Holiday Hills Board of Trustees approved an intergovernmental agreement with NMWRD to pursue this valuable community asset and to establish predictable terms upon which Village residents will be able to connect to the new system. Engineering and permitting for the new sewer system are underway, and you may have seen surveyors and other environmental specialists in the area.

The entire region will benefit from this sewage solution because eliminating most private septic systems will greatly improve the area's water quality. Failing and overloaded septic systems contribute significant amounts of organic pollutants to the Fox River, especially when they become submerged during wet weather conditions.

Overall, the project will include over 27,000 lineal feet of sewer, 100 manholes, 4,000 lineal feet of force main and one lift station. The estimated cost during early project planning for this work was \$6.7 million, however, the overall cost of the project has significantly increased since the original planning period. Part of the cost increase relates to necessary design changes, soils investigation, dewatering requirements, and expanded restoration -- all based on previously unknown field conditions that were first identified during design. The most significant contributing factor to the increased project cost, however, is the increase in material and labor expenses that are driven by the global supply-chain and other impacts of the COVID-19 pandemic. For example, the cost of sewer pipe for the project has more than doubled in price. Because of these unanticipated conditions and events, the new cost estimate is approaching \$12 million.

NMWRD had secured funding for a \$7 million investment in the project, with the work originally scheduled for completion in 2022. Because of the unexpected cost increases that are beyond the District's control, additional funding will be required to complete the full extent of the sewer system project. Nevertheless, the District will honor its original financial commitment and will construct as much of the proposed system as practical in 2022. Phase 1 will include installation of the lift station, force main and underground trunk sewer on Sunset Drive and Holiday Drive. This work is estimated to be less than \$7 million. The work will be publicly bid to obtain competitive pricing. The bidding documents will include additional areas to be constructed in Phase 1 if contractor pricing is within the available funding amount. Please see the enclosed map of the Phase 1 project area and future phases.

The remaining sewers within the Village and Le Villa Vaupell will be constructed in future phases as more funding becomes available. NMWRD is actively seeking funding opportunities on local, state and federal levels to complete the project for the entire service area. It is the NMWRD's goal to construct as much sanitary sewer as practical over the next several years.

For more information, please visit us at [www.nmwr.org](http://www.nmwr.org) as we undertake this significant endeavor together. Please submit all questions to Jillian Kiss, Trotter and Associates, Inc., at (630) 587-0470 or [j.kiss@trotter-inc.com](mailto:j.kiss@trotter-inc.com).

**NORTHERN MORaine WRD**

Mohammed M. Haque  
District Manager



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



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



Email: [info@nmwr.org](mailto:info@nmwr.org)  
Web: [www.nmwr.org](http://www.nmwr.org)





**NORTHERN MORaine**  
W R D

P.O. Box 240  
Island Lake, IL 60042

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## Press Releases

- Illinois State Museum plans...

Tuesday, January 04

- January is Radon Action...

Tuesday, January 04

- 2021 Hamilton County...

Tuesday, January 04

[VIEW MORE >](#)

# Pritzker Administration Announces Over \$16.8 Million in Grants for New Wastewater Infrastructure

Press Release - Wednesday, December 08, 2021

**ALTO PASS** — Governor JB Pritzker and Illinois Environmental Protection Agency (EPA) Director John J. Kim today announced \$16,878,529 in grants have been awarded to five communities across the state through IEPA's Unsewered Communities Construction Grant Program (UCCGP). Made possible through the governor's bipartisan Rebuild Illinois capital plan, the project will allow underserved communities to have a safe and dependable wastewater collection and treatment system. The announcement was made at the Village of Alto Pass, where a total of \$4.4 million in state funding from IEPA and the Department of Commerce and Economic Opportunity was awarded to replace the failing infrastructure within the community.

"Alto Pass is the first recipient of the EPA's Unsewered Communities Construction Grant in Illinois - but many more communities will follow. Thanks to Rebuild Illinois, we are making \$100 million available to build wastewater collection and treatment facilities for communities without them," **said Governor JB Pritzker**. "We also have provided an additional grant program to help communities plan their future design so they can build the solution that works best for them - over 30 communities have already received these planning grants earlier this year."

In the fall of 2020 Illinois EPA [announced](#) \$20 million in funding available to assist communities with inadequate or nonexistent wastewater collection and treatment facilities through the Unsewered Communities Construction Grant Program ([UCCGP](#)). Through Governor Pritzker's bipartisan Rebuild Illinois Capital Plan, Illinois EPA is making \$100 million available over the next five years through construction grants for wastewater collection and/or treatment facilities for such communities. Additionally, the Unsewered Communities Planning Grant Program (UCPGP) provides \$1M annually in smaller scale grants to help communities develop construction plans. 2021's recipients can be found [here](#).

Illinois EPA estimates there are more than 200 Illinois communities that have inadequate or nonexistent wastewater collection and treatment facilities. These communities rely on individual septic tank systems or patchwork systems that result in illegal surface discharges that have negative environmental impacts. Affordability of appropriate systems is the greatest obstacle for unsewered communities. The UCCGP provides an opportunity to receive grant funds which would help finance the corrective action needed to address issues with wastewater collection and treatment.

"This grant will prevent the potentially unhealthy conditions and likely negative environmental impacts from the current failing system," **said IEPA Director John J. Kim**. "This project will allow for the construction of new, reliable wastewater infrastructure that will benefit residents, businesses, and the environment."

Alto Pass is a small community in Union County with a population of just over 300 residents. The Village currently has failing septic tanks for the collection and treatment of sanitary sewer waste. The Village applied and was approved for an UCCGP that will be used for the construction of a new wastewater treatment system with chlorination, and a septic tank effluent pump wastewater collection system consisting of approximately 160 new septic tanks and pumps at each residence and business in the community. Necessary force main will also be constructed along with the installation of air release valves, cleanouts, and a back-up generator. The removal and replacement of pavement and other improvements will also be included as part of the project.

In addition to EPA funding, Alto Pass is also receiving \$500,000 from the Illinois Department of Commerce and Economic Opportunity and more than \$2.2 million from the U.S. Department of Agriculture Rural Development Loan/Grant Funds to help fund the project. The total project cost is estimated to be \$6.622 million. The Village anticipates starting construction in January 2022 and completing construction in December 2022.

"When we invest in real, tangible infrastructure, we are doing the work we are elected to do," **said State Representative Paul Jacobs (R-Paloma)**. "I am thrilled Southern Illinois is receiving the attention we deserve on this crucial piece of infrastructure for our people. This project will also mean good paying jobs for the hard-working men and women of Southern Illinois while ensuring basic needs continue to be met."

In addition to the UCCGP (construction) and UCPGP (planning) programs, the state is investing in additional environmental infrastructure through Governor Pritzker's historic Rebuild Illinois capital plan. Those programs include the Green Infrastructure Grant Opportunities program, which is investing \$25 million in capital funds to construct green infrastructure best management practices to prevent, eliminate, or reduce water quality impairments. Through Rebuild Illinois, IEPA also received an additional \$100 million to fund wastewater and drinking water infrastructure projects through the State Revolving Fund loan program as well as a \$50 million hazardous waste remediation program to ensure hazardous wastes do not negatively impact the health of Illinois residents or their communities.

Other communities that are receiving UCCGP Grants include:

- City of Freeport in Stephenson County will receive \$2,244,529 to provide sewer service to the Oakhill Subdivision residences that are currently utilizing private septic systems.
- Village of Westfield in Clark County will receive \$5,000,000 to construct a wastewater treatment plant with UV disinfection to serve approximately 558 residents of the unsewered community.
- City of East Dubuque in Jo Daviess County will receive \$2,222,000 to extend the sanitary sewer to 84 residential single-family households in the Indian Hills and Kneable Court residential subdivisions that are currently on private systems.
- Northern Moraine Water Reclamation District/Village of Holiday Hills in McHenry County will receive \$3,495,000 for the Phase 1 portion of the extension of sanitary sewer service from Northern Moraine Wastewater Reclamation District to the 276 single family residences in the Village of Holiday Hills and 29 homes in the Le Ville Vaupell Subdivision.

For more information about the Unsewered Communities Construction and Planning Grant Programs, please visit <https://www2.illinois.gov/epa/topics/grants-loans/unsewered-communities/Pages/default.aspx>.

**Northern Moraine Wastewater Reclamation District**  
**Unpaid Bills**  
**As of January 7, 2022**

Type	Date	Num	Due Date	Open Balance
<b>AEP ENERGY</b>				
Bill	12/17/2021	3014418075 - Decembe	12/17/2021	119.35
Bill	12/17/2021	3014418020 - Decembe	12/17/2021	335.95
Bill	12/17/2021	3014418031 - Decembe	12/17/2021	106.10
Bill	12/17/2021	3014417917 - Decembe	12/17/2021	137.49
Bill	12/17/2021	3014417995 - Decembe	12/17/2021	122.96
Bill	12/17/2021	3014417962 - Decembe	12/17/2021	102.23
Bill	12/17/2021	3014417984 - Decembe	12/17/2021	104.09
Bill	12/17/2021	3014418053 - Decembe	12/17/2021	38.09
Bill	12/17/2021	3014418064 - Decembe	12/17/2021	221.01
Bill	12/17/2021	3014417951 - Decembe	12/17/2021	266.44
Bill	12/17/2021	3014417973 - Decembe	12/17/2021	114.05
Bill	12/17/2021	3014417849 - Decembe	12/17/2021	8,491.51
Bill	12/20/2021	3014417861 - Decembe	12/20/2021	37.64
Bill	12/21/2021	3014417894 - Decembe	12/21/2021	43.49
Bill	12/21/2021	3014417928 - Decembe	12/21/2021	129.59
Bill	12/21/2021	3014417940 - Decembe	12/21/2021	118.27
Bill	12/21/2021	3014417850 - Decembe	12/21/2021	71.13
Bill	12/21/2021	3014417872 - Decembe	12/21/2021	97.00
Bill	12/21/2021	3014417883 - Decembe	12/21/2021	63.44
Bill	12/21/2021	3014417906 - Decembe	12/21/2021	248.15
Bill	12/21/2021	3014417939 - Decembe	12/21/2021	54.12
Bill	12/21/2021	3014418042 - Decembe	12/21/2021	332.06
Bill	12/23/2021	3014418086 - Decembe	12/23/2021	127.82
Total AEP ENERGY				11,481.98
<b>AFR MANAGEMENT, LLC</b>				
Bill	11/18/2021	00007	12/18/2021	1,104.26
Total AFR MANAGEMENT, LLC				1,104.26
<b>AMAZON CAPITAL SERVICES</b>				
Credit	12/21/2021	1CF7-JG3R-H4MP		-29.99
Bill	09/26/2021	191D-HDTK-R14L	09/26/2021	28.99
Bill	12/14/2021	14V3-1CC6-XFCM	12/14/2021	8.49
Bill	12/17/2021	1MDF-1D9G-616X	12/17/2021	108.00
Bill	12/28/2021	1WGY-MJPR-VFC4	12/28/2021	35.48
Bill	01/04/2022	1RCL-PKQ3-KLL6	01/04/2022	277.98
Total AMAZON CAPITAL SERVICES				428.95
<b>AMPERAGE ELECTRICAL SUPPLY, INC.</b>				
Bill	11/30/2021	1238028-IN	12/30/2021	295.00
Total AMPERAGE ELECTRICAL SUPPLY, INC.				295.00
<b>AT&amp;T</b>				
Bill	12/28/2021	815344832612	12/28/2021	1,471.58
Total AT&T				1,471.58
<b>BITSPEED CONSULTING, INC</b>				
Bill	12/19/2021	11089	01/18/2022	4,333.00
Bill	12/31/2021	11105	01/30/2022	508.00
Total BITSPEED CONSULTING, INC				4,841.00
<b>BLUECROSS BLUESHIELD OF ILLINOIS</b>				
Bill	12/20/2021	January Statement	12/20/2021	118.58
Total BLUECROSS BLUESHIELD OF ILLINOIS				118.58
<b>BP</b>				
Bill	01/04/2022	61401356	01/04/2022	296.58
Total BP				296.58
<b>BRUNN, TIMOTHY R</b>				
Bill	01/06/2022	REG Mtg 01.11.2022	01/06/2022	200.00

**Northern Moraine Wastewater Reclamation District**  
**Unpaid Bills**  
**As of January 7, 2022**

Type	Date	Num	Due Date	Open Balance
Total BRUNN, TIMOTHY R				200.00
<b>CHEMTRADE CHEMICALS CORPORATION</b>				
Bill	12/07/2021	93255015	12/07/2021	5,621.63
Total CHEMTRADE CHEMICALS CORPORATION				5,621.63
<b>COE EQUIPMENT INC.</b>				
Bill	12/29/2021	77859	12/29/2021	4,659.19
Total COE EQUIPMENT INC.				4,659.19
<b>COM ED</b>				
Bill	12/28/2021	3567414012	02/26/2022	140.72
Bill	12/28/2021	3567415019	02/26/2022	150.08
Total COM ED				290.80
<b>COMCAST CABLE</b>				
Bill	12/28/2021	January Charges	12/28/2021	326.09
Total COMCAST CABLE				326.09
<b>DEBORAH MARTIN</b>				
Bill	12/23/2021	OCT REIMBURSEMENT	12/23/2021	17.02
Bill	12/23/2021	NOV REIMBURSEMENT	12/23/2021	17.25
Total DEBORAH MARTIN				34.27
<b>ED'S RENTAL &amp; SALES, INC</b>				
Bill	12/01/2021	347806-1	12/01/2021	460.58
Total ED'S RENTAL & SALES, INC				460.58
<b>FILIPPINI LAW FIRM, LLP</b>				
Bill	12/22/2021	21805	01/21/2022	7,264.18
Total FILIPPINI LAW FIRM, LLP				7,264.18
<b>GACRUX</b>				
Bill	01/05/2022	2104	02/04/2022	750.00
Total GACRUX				750.00
<b>ILLINOIS COUNTIES RISK MANAGEMENT TRUST</b>				
Bill	12/23/2021	RCB000000028287	12/23/2021	30,992.00
Total ILLINOIS COUNTIES RISK MANAGEMENT TRUST				30,992.00
<b>IN-PIPE TECHNOLOGY</b>				
Bill	12/31/2021	2043	01/30/2022	2,500.00
Total IN-PIPE TECHNOLOGY				2,500.00
<b>INTERSTATE ALL BATTERY CENTER</b>				
Bill	11/22/2021	1903701046352	11/22/2021	105.35
Total INTERSTATE ALL BATTERY CENTER				105.35
<b>JACOB MANN</b>				
Bill	01/06/2022	REG Mtg 01.11.2022	01/06/2022	200.00
Total JACOB MANN				200.00
<b>MAC STRATEGIES GROUP, INC.</b>				
Bill	01/04/2022	3811	01/04/2022	2,000.00
Total MAC STRATEGIES GROUP, INC.				2,000.00
<b>McHENRY COUNTY COLLEGE</b>				
Bill	12/20/2021	155	12/20/2021	150.00
Total McHENRY COUNTY COLLEGE				150.00

**Northern Moraine Wastewater Reclamation District**  
**Unpaid Bills**  
**As of January 7, 2022**

Type	Date	Num	Due Date	Open Balance
<b>MENARDS - FOX LAKE</b>				
Bill	12/15/2021	7964	01/14/2022	68.36
Bill	12/20/2021	8290	01/19/2022	827.96
Bill	12/21/2021	8326	01/20/2022	16.23
Total MENARDS - FOX LAKE				912.55
<b>MICHAELS, KENNETH A</b>				
Bill	01/06/2022	REG Mtg 01.11.2022	01/06/2022	350.00
Total MICHAELS, KENNETH A				350.00
<b>MILLIPORE SIGMA</b>				
Bill	12/06/2021	10150938	12/06/2021	215.41
Total MILLIPORE SIGMA				215.41
<b>MOHAMMED HAQUE</b>				
Bill	09/10/2021	REIMBURSEMENT	09/10/2021	54.36
Total MOHAMMED HAQUE				54.36
<b>NICOR GAS</b>				
Bill	12/11/2021	32250 Darrell Rd	12/11/2021	569.54
Bill	12/13/2021	127 South	12/13/2021	152.56
Total NICOR GAS				722.10
<b>PDC LABORATORIES INC</b>				
Bill	12/15/2021	I9493339	01/14/2022	273.35
Total PDC LABORATORIES INC				273.35
<b>RAGLAND, JOHN R</b>				
Bill	01/06/2022	REG Mtg 01.11.2022	01/06/2022	200.00
Total RAGLAND, JOHN R				200.00
<b>RCW TAX</b>				
Bill	12/21/2021	889	01/20/2022	670.00
Total RCW TAX				670.00
<b>RYBERG, LYDIA</b>				
Bill	01/06/2022	REG Mtg 01.11.2022	01/06/2022	200.00
Total RYBERG, LYDIA				200.00
<b>SAFETY CULTURE</b>				
Bill	01/06/2022	532548	02/05/2022	912.00
Total SAFETY CULTURE				912.00
<b>SHAW MEDIA</b>				
Bill	12/31/2021	122110002435	01/30/2022	245.40
Total SHAW MEDIA				245.40
<b>SUBURBAN LABORATORIES INC</b>				
Bill	07/15/2021	191248	08/14/2021	660.70
Bill	12/29/2021	198128	01/28/2022	667.00
Total SUBURBAN LABORATORIES INC				1,327.70
<b>THINK INK, INC.</b>				
Bill	12/22/2021	20211415	12/22/2021	66.96
Total THINK INK, INC.				66.96
<b>TROTTER AND ASSOCIATES, INC</b>				
Bill	11/28/2021	19264	11/28/2021	2,043.25
Bill	11/28/2021	19262	11/28/2021	519.00
Bill	11/28/2021	19268	11/28/2021	46,883.00
Bill	11/28/2021	19259	11/28/2021	810.50

**Northern Moraine Wastewater Reclamation District**  
**Unpaid Bills**  
**As of January 7, 2022**

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Type	Date	Num	Due Date	Open Balance
Bill	11/28/2021	19263	11/28/2021	86.50
Bill	11/28/2021	19261	11/28/2021	9,005.75
Bill	11/28/2021	19260	11/28/2021	9,271.00
Bill	11/28/2021	19266	11/28/2021	3,147.00
Bill	11/28/2021	19265	11/28/2021	562.25
Total TROTTER AND ASSOCIATES, INC				72,328.25
<b>TRYON GOVERNMENTAL CONSULTING</b>				
Bill	12/29/2021	1201946	01/28/2022	3,000.00
Total TRYON GOVERNMENTAL CONSULTING				3,000.00
<b>VERIZON</b>				
Bill	12/18/2021	9895344449	01/17/2022	526.79
Total VERIZON				526.79
<b>VIKING CHEMICAL COMPANY</b>				
Bill	12/30/2021	122185	01/29/2022	1,128.88
Total VIKING CHEMICAL COMPANY				1,128.88
<b>WAUCONDA CAR WASH</b>				
Bill	11/30/2021	101762	11/30/2021	29.98
Total WAUCONDA CAR WASH				29.98
<b>TOTAL</b>				<b>158,755.75</b>

# Northern Moraine Wastewater Reclamation District

## Bills Payable As of January 11, 2022

	Type	Date	Num	Due Date	Open Balance
<b>AEP ENERGY</b>					
	Bill	12/17/2021	3014418075 - Decembe	12/17/2021	119.35
	Bill	12/17/2021	3014418020 - Decembe	12/17/2021	335.95
	Bill	12/17/2021	3014418031 - Decembe	12/17/2021	106.10
	Bill	12/17/2021	3014417917 - Decembe	12/17/2021	137.49
	Bill	12/17/2021	3014417995 - Decembe	12/17/2021	122.96
	Bill	12/17/2021	3014417962 - Decembe	12/17/2021	102.23
	Bill	12/17/2021	3014417984 - Decembe	12/17/2021	104.09
	Bill	12/17/2021	3014418053 - Decembe	12/17/2021	38.09
	Bill	12/17/2021	3014418064 - Decembe	12/17/2021	221.01
	Bill	12/17/2021	3014417951 - Decembe	12/17/2021	266.44
	Bill	12/17/2021	3014417973 - Decembe	12/17/2021	114.05
	Bill	12/17/2021	3014417849 - Decembe	12/17/2021	8,491.51
	Bill	12/20/2021	3014417861 - Decembe	12/20/2021	37.64
	Bill	12/21/2021	3014417894 - Decembe	12/21/2021	43.49
	Bill	12/21/2021	3014417928 - Decembe	12/21/2021	129.59
	Bill	12/21/2021	3014417940 - Decembe	12/21/2021	118.27
	Bill	12/21/2021	3014417850 - Decembe	12/21/2021	71.13
	Bill	12/21/2021	3014417872 - Decembe	12/21/2021	97.00
	Bill	12/21/2021	3014417883 - Decembe	12/21/2021	63.44
	Bill	12/21/2021	3014417906 - Decembe	12/21/2021	248.15
	Bill	12/21/2021	3014417939 - Decembe	12/21/2021	54.12
	Bill	12/21/2021	3014418042 - Decembe	12/21/2021	332.06
	Bill	12/23/2021	3014418086 - Decembe	12/23/2021	127.82
<b>Total AEP ENERGY</b>					<b>11,481.98</b>
<b>AFR MANAGEMENT, LLC</b>					
	Bill	11/18/2021	00007	12/18/2021	1,104.26
<b>Total AFR MANAGEMENT, LLC</b>					<b>1,104.26</b>
<b>ALARM DETECTION SYSTEMS, INC</b>					
	Bill	12/21/2021	SI-563297	12/21/2021	360.25
<b>Total ALARM DETECTION SYSTEMS, INC</b>					<b>360.25</b>
<b>AMAZON CAPITAL SERVICES</b>					
	Credit	12/21/2021	1CF7-JG3R-H4MP		-29.99
	Bill	09/26/2021	191D-HDTK-R14L	09/26/2021	28.99
	Bill	12/14/2021	14V3-1CC6-XFCM	12/14/2021	8.49
	Bill	12/17/2021	1MDF-1D9G-616X	12/17/2021	108.00
	Bill	12/28/2021	1WGY-MJPR-VFC4	12/28/2021	35.48
	Bill	01/04/2022	1RCL-PKQ3-KLL6	01/04/2022	277.98
	Bill	01/08/2022	1FYJ-3HPQ-N4N1	01/08/2022	4.99
	Bill	01/08/2022	17XC-QV37-KW1C	01/08/2022	12.99
	Bill	01/10/2022	193Q-373D-LLJT	01/10/2022	61.97
	Bill	01/11/2022	1GLL-TWYW-W34N	01/11/2022	135.05
<b>Total AMAZON CAPITAL SERVICES</b>					<b>643.95</b>
<b>AMPERAGE ELECTRICAL SUPPLY, INC.</b>					
	Bill	11/30/2021	1238028-IN	12/30/2021	295.00
<b>Total AMPERAGE ELECTRICAL SUPPLY, INC.</b>					<b>295.00</b>
<b>AT&amp;T</b>					
	Bill	12/28/2021	815344832612	12/28/2021	1,471.58
<b>Total AT&amp;T</b>					<b>1,471.58</b>
<b>BARTNICK INC.</b>					
	Bill	12/01/2021	1496	12/31/2021	10,340.00
<b>Total BARTNICK INC.</b>					<b>10,340.00</b>
<b>BITSPEED CONSULTING, INC</b>					
	Bill	12/19/2021	11089	01/18/2022	4,333.00
	Bill	12/31/2021	11105	01/30/2022	508.00
<b>Total BITSPEED CONSULTING, INC</b>					<b>4,841.00</b>
<b>BLUECROSS BLUESHIELD OF ILLINOIS</b>					
	Bill	12/20/2021	January Statement	12/20/2021	118.58



# Northern Moraine Wastewater Reclamation District

## Bills Payable As of January 11, 2022

	Type	Date	Num	Due Date	Open Balance
Total BLUECROSS BLUESHIELD OF ILLINOIS					118.58
BLUECROSS BLUESHIELD OF ILLINOIS					
	Bill	12/17/2021	January Statement	01/01/2022	16,001.16
Total BLUECROSS BLUESHIELD OF ILLINOIS					16,001.16
BP					
	Bill	01/04/2022	61401356	01/04/2022	296.58
Total BP					296.58
BRUNN, TIMOTHY R					
	Bill	01/06/2022	REG Mtg 01.11.2022	01/06/2022	200.00
Total BRUNN, TIMOTHY R					200.00
CHEMTRADE CHEMICALS CORPORATION					
	Bill	12/07/2021	93255015	12/07/2021	5,621.63
Total CHEMTRADE CHEMICALS CORPORATION					5,621.63
COE EQUIPMENT INC.					
	Bill	12/29/2021	77859	12/29/2021	4,659.19
Total COE EQUIPMENT INC.					4,659.19
COM ED					
	Bill	12/28/2021	3567414012	02/26/2022	140.72
	Bill	12/28/2021	3567415019	02/26/2022	150.08
Total COM ED					290.80
COMCAST CABLE					
	Bill	12/28/2021	January Charges	12/28/2021	326.09
Total COMCAST CABLE					326.09
DEBORAH MARTIN					
	Bill	12/23/2021	OCT REIMBURSEMENT	12/23/2021	17.02
	Bill	12/23/2021	NOV REIMBURSEMENT	12/23/2021	17.25
Total DEBORAH MARTIN					34.27
DELTA DENTAL					
	Bill		January Premium	12/28/2021	639.31
Total DELTA DENTAL					639.31
DON'S WELDING & FABRICATING					
	Bill	12/28/2021	33424	01/28/2022	494.17
Total DON'S WELDING & FABRICATING					494.17
ED'S RENTAL & SALES, INC					
	Bill	12/01/2021	347806-1	12/01/2021	460.58
Total ED'S RENTAL & SALES, INC					460.58
FILIPPINI LAW FIRM, LLP					
	Bill	12/22/2021	21805	01/21/2022	7,264.18
Total FILIPPINI LAW FIRM, LLP					7,264.18
FIRST BANKCARD					
	Bill	01/11/2022	DEC STMT	02/10/2022	3,189.90
Total FIRST BANKCARD					3,189.90
GACRUX					
	Bill	01/05/2022	2104	02/04/2022	750.00
Total GACRUX					750.00
HYDROTEX					
	Bill	01/07/2022	469157	02/06/2022	304.52
Total HYDROTEX					304.52
ILLINOIS COUNTIES RISK MANAGEMENT TRUST					
	Bill	12/23/2021	RCB000000028287	12/23/2021	30,992.00
Total ILLINOIS COUNTIES RISK MANAGEMENT TRUST					30,992.00
IN-PIPE TECHNOLOGY					
	Bill	12/31/2021	2043	01/30/2022	2,500.00
Total IN-PIPE TECHNOLOGY					2,500.00
INTERSTATE ALL BATTERY CENTER					
	Bill	11/22/2021	1903701046352	11/22/2021	105.35
Total INTERSTATE ALL BATTERY CENTER					105.35
ISOLVED BENEFIT SERVICES					

# Northern Moraine Wastewater Reclamation District

## Bills Payable As of January 11, 2022

	Type	Date	Num	Due Date	Open Balance
	Bill	01/09/2022	I116902853	01/09/2022	78.75
Total ISOLVED BENEFIT SERVICES					78.75
JACOB MANN					
	Bill	01/06/2022	REG Mtg 01.11.2022	01/06/2022	200.00
Total JACOB MANN					200.00
JOSEPH D FOREMAN & CO					
	Bill	12/30/2021	330443	01/29/2022	100.00
Total JOSEPH D FOREMAN & CO					100.00
MAC STRATEGIES GROUP, INC.					
	Bill	01/04/2022	3811	01/04/2022	2,000.00
Total MAC STRATEGIES GROUP, INC.					2,000.00
MCHENRY CNTY COUNCIL OF GOVERNMENTS					
	Bill	01/11/2022	STMT 01/05/2022	01/11/2022	500.00
Total MCHENRY CNTY COUNCIL OF GOVERNMENTS					500.00
McHENRY COUNTY COLLEGE					
	Bill	12/20/2021	155	12/20/2021	150.00
Total McHENRY COUNTY COLLEGE					150.00
MENARDS - FOX LAKE					
	Bill	12/15/2021	7964	01/14/2022	68.36
	Bill	12/20/2021	8290	01/19/2022	827.96
	Bill	12/21/2021	8326	01/20/2022	16.23
Total MENARDS - FOX LAKE					912.55
MICHAELS, KENNETH A					
	Bill	01/06/2022	REG Mtg 01.11.2022	01/06/2022	350.00
Total MICHAELS, KENNETH A					350.00
MILLIPORE SIGMA					
	Bill	12/06/2021	10150938	12/06/2021	215.41
Total MILLIPORE SIGMA					215.41
MOHAMMED HAQUE					
	Bill	09/10/2021	REIMBURSEMENT	09/10/2021	54.36
Total MOHAMMED HAQUE					54.36
NEWCASTLE ELECTRIC INC					
	Bill	08/19/2019	00020353	08/19/2019	1,720.00
	Bill	09/20/2019	2346	09/20/2019	2,530.00
	Bill	03/03/2020	2368	03/03/2020	1,915.89
	Bill	03/03/2020	2369	03/03/2020	1,933.86
Total NEWCASTLE ELECTRIC INC					8,099.75
NICOR GAS					
	Bill	12/11/2021	32250 Darrell Rd	12/11/2021	569.54
	Bill	12/13/2021	127 South	12/13/2021	152.56
Total NICOR GAS					722.10
PDC LABORATORIES INC					
	Bill	12/15/2021	I9493339	01/14/2022	273.35
Total PDC LABORATORIES INC					273.35
RAGLAND, JOHN R					
	Bill	01/06/2022	REG Mtg 01.11.2022	01/06/2022	200.00
Total RAGLAND, JOHN R					200.00
RCW TAX					
	Bill	12/21/2021	889	01/20/2022	670.00
Total RCW TAX					670.00
READY FRESH BY NESTLE					
	Bill	12/15/2021	01L0127320745	12/30/2021	26.00
Total READY FRESH BY NESTLE					26.00
RYBERG, LYDIA					
	Bill	01/06/2022	REG Mtg 01.11.2022	01/06/2022	200.00
Total RYBERG, LYDIA					200.00
SAFETY CULTURE					
	Bill	01/06/2022	532548	02/05/2022	912.00

# Northern Moraine Wastewater Reclamation District

## Bills Payable As of January 11, 2022

	Type	Date	Num	Due Date	Open Balance
Total SAFETY CULTURE					912.00
SHAW MEDIA					
	Bill	12/31/2021	122110002435	01/30/2022	245.40
Total SHAW MEDIA					245.40
SUBURBAN LABORATORIES INC					
	Bill	07/15/2021	191248	08/14/2021	660.70
	Bill	12/29/2021	198128	01/28/2022	667.00
Total SUBURBAN LABORATORIES INC					1,327.70
THINK INK, INC.					
	Bill	12/22/2021	20211415	12/22/2021	66.96
Total THINK INK, INC.					66.96
THIRD MILLENNIUM ASSOCIATES INC					
	Bill	12/31/2021	27148	12/31/2021	562.77
Total THIRD MILLENNIUM ASSOCIATES INC					562.77
TROTTER AND ASSOCIATES, INC					
	Bill	11/28/2021	19264	11/28/2021	2,043.25
	Bill	11/28/2021	19262	11/28/2021	519.00
	Bill	11/28/2021	19268	11/28/2021	46,883.00
	Bill	11/28/2021	19259	11/28/2021	810.50
	Bill	11/28/2021	19263	11/28/2021	86.50
	Bill	11/28/2021	19266	11/28/2021	3,147.00
	Bill	11/28/2021	19265	11/28/2021	562.25
Total TROTTER AND ASSOCIATES, INC					54,051.50
TRYON GOVERNMENTAL CONSULTING					
	Bill	12/29/2021	1201946	01/28/2022	3,000.00
Total TRYON GOVERNMENTAL CONSULTING					3,000.00
USA BLUEBOOK					
	Bill	01/10/2022	840674	02/09/2022	239.82
	Bill	01/10/2022	840741	02/09/2022	660.29
Total USA BLUEBOOK					900.11
VERIZON					
	Bill	12/18/2021	9895344449	01/17/2022	526.79
Total VERIZON					526.79
VIKING CHEMICAL COMPANY					
	Bill	12/30/2021	122185	01/29/2022	1,128.88
Total VIKING CHEMICAL COMPANY					1,128.88
WAUCONDA CAR WASH					
	Bill	11/30/2021	101762	11/30/2021	29.98
Total WAUCONDA CAR WASH					29.98
TOTAL					182,290.69

Kenneth A. Michaels, Jr., President

Date

Deborah Martin, District Clerk

Date



January 11, 2022

Board of Trustees  
Northern Moraine WRD  
113 Timber Trail  
Island Lake, IL 60042

Re: 2021 Calendar Year Accomplishments

Greetings Trustees,

As the 2021 calendar year ends and we look forward to 2022, we'd like to take a moment to reflect on some of the many accomplishments and challenges of the past year with respect to grants/funding/revenue, projects, and personnel.

First and foremost, it is noteworthy to mention that 2021 presented a few challenges, mostly due to the lingering effects of the pandemic. The transition back to in-person work for both employees and contractors in the first quarter of the year paired with supply chain issues in the latter half of the year were the District's primary challenges. Nonetheless, not only did we ensure that wastewater continued to be treated to permit required levels, District staff went above and beyond for meeting several District goals.

As we write this letter to you, we found it challenging to provide a vivid perspective on how impressive Northern Moraine WRD's accomplishments were in 2021, especially when compared to any other Illinois Sanitary District of comparable size with respect to number of staff. Our employees remained motivated through 2021 and we hope to summarize that sentiment by providing the Board of Trustees with the below list of 2021 calendar year accomplishments that the District was able to achieve under the leadership of our District Manager, Mohammed Haque.

**The accomplishments are provided in three (3) sections; 1. Grants/Funding/Revenue Accomplishments, 2. Project Accomplishments, and 3. Personnel Accomplishments.**

GRANTS/FUNDING/ REVENUE	ACCOMPLISHMENTS
Funding – Grants	<ul style="list-style-type: none"><li>Received \$30,079 through local CURE grant for COVID related expenditures.</li><li>Illinois DCEO approved \$200,000 grant for Control Building Electrical Upgrades.</li><li>Illinois DCEO approved \$400,000 grant for Lakemoor Lift Station Upgrades.</li><li>Illinois EPA approved \$3,495,600 Unsewered Community Construction Grant for Holiday Hills / Le Villa Vaupell Sanitary Sewer Extension.</li></ul>
Funding – SRF Loans	<p><u>Four (4) future District projects are listed on the State Revolving Fund priority listing:</u></p> <ul style="list-style-type: none"><li>Darrell Road Interceptor: \$4,000,000 Loan Amount.</li><li>Holiday Hills /Le Villa Vaupell Sewer Extension: \$7,000,000 Loan Amount.</li><li>Darrel Road Phase 1A – Headworks: \$2,000,000 Loan Amount.</li><li>WWTP Maintenance Garage: \$568,500 Loan Amount.</li></ul>
Additional Revenue	<ul style="list-style-type: none"><li>\$142,448 Darrell Road Special Connection revenue collected in 2021.</li><li>\$57,089 Hauled Waste revenue collected in 2021.</li></ul>
Island Lake Shut-Off Notices	The District assumed responsibility for posting of shut-off notices at residences in Island Lake in September 2021. Since then, the District has experienced surprising savings in the fees that were charged for this service with minimal time invested.



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## NORTHERN MORaine WRD

DISTRICT PROJECTS	ACCOMPLISHMENTS
Disinfection Chemical Pump Skids	District staff constructed two (2) chemical feed skids for delivering disinfection chemicals to the Chlorine Contact Basins in January 2021.
Digester Drain Valve Replacement	Replaced critical infrastructure item dating back to 1978. The original digester valve was replaced in February 2021.
Oxidation Ditch Aerator Motor Replacements	Replaced critical infrastructure items dating back to 1998. Two of the four (4) original Oxidation Ditch Aerator Motors were replaced in May 2021. Replacement of the two (2) remaining original motors anticipated in early 2022.
SCADA	Ongoing SCADA system development throughout 2021. Start-up of remote monitoring for dewatering of sludge via centrifuge in February 2021.
Blower Motor Replacement	Replaced critical infrastructure item dating back to 2013. Major failure of motor in primary blower occurred in April 2021 with full replacement completed in May 2021.
Sludge Conveyance	Installation and start-up of new sludge conveyance process in May 2021. Innovative implementation of non-conventional equipment at a fraction of conventional costs, led to increase in process efficiency
LED Lighting Upgrades Control Building	LED lighting conversion in Control Building Laboratory and MCC Hallway completed in July 2021.
Cartegraph Asset Management Software – Phase II	Cartegraph – Phase II Implementation started June 2021. Full implementation of software anticipated April 2022.
RAS Meter Vault & Flowmeter	Installation and start-up of new RAS Meter Vault & RAS Meter in May 2021.
RAS Control Panel Replacement	Replaced critical infrastructure item with most recent upgrades dating back to 2016. Complete demolition of two (2) control panels and installation of new single RAS Control Panel completed in October 2021.
Custom Televising Vehicle	Developed and commissioned the upfitting of a televising vehicle catered to the particular needs of Northern Moraine WRD, at a significantly lower cost when compared to purchasing a vehicle of this type from a dealer.
Cleaning/Televising Efforts	Following completion of Televising Van Buildout in September 2021, District Operators began performing cleaning and televising efforts per Northern Moraine WRD Cleaning & Televising Plan in October 2021.
Control Building Electrical Upgrades	Public Bid advertised in July 2021. Bid Opening held in September 2021. Construction commencement anticipated February 2022. Completion anticipated June 2022.
WWTP Access Improvements	Public Bid advertised in October 2021. Bid Opening held in November 2021. All subgrade work completed December 2021. Completion anticipated April 2022.
Holiday Hills / Le Villa Vaupell Sanitary Sewer Extension – Phase I	Full design completed December 2021. Public Bid advertised in December 2021. Bid Opening scheduled for February 2022. Construction commencement anticipated May 2022.
Darrell Road Phase 1 – Headworks	Kickoff Meeting held in November 2021. Nearing full design with bid advertisement date, bid opening date, and projected construction timeline all pending grant funding and loan agreement issuance.
Lakemoor Lift Station Upgrades	Full design completed in 2020 with bid advertisement date, bid opening date, and projected construction timeline all pending grant funding.

DEVELOPER PROJECTS	ACCOMPLISHMENTS
Woodman's Car Wash Expansion	Successful permitting, engineering review, escrow account funding, sanitary sewer installation, and site observation of the Woodman's Car Wash Expansion through 2021.
Buona Beef Development	Successful permitting, engineering review, escrow account funding, sanitary sewer installation, and site observation of the Buona Beef Development through 2021.
Lakemoor Commons Outlot 5 Development	Successful permitting, engineering review, escrow account funding, sanitary sewer installation, and site observation of the Lakemoor Commons Lot 5 Development through 2021.



## NORTHERN MORaine W R D

PERSONNEL	ACCOMPLISHMENTS
NASSCO Certification	All operations staff, along with District Superintendent and District Staff Engineer received NASSCO certification in MACP, PACP, and LACP inspection, as it relates to sewer cleaning and televising, through various months of 2021.
Haque – 2020 CSWEA Bedell Award	District Manager, Mohammed Haque, was awarded the prestigious CSWEA Bedell Award in April 2021. Due to cancellation of 2020 CSWEA Annual Meeting, Mr. Haque's award ceremony was delayed until 2021.
Markko – 2021 CSWEA Operations Award	District Superintendent, Luke Markko, was awarded the prestigious CSWEA Operations Award in April 2021.
Markko – Operations Challenge at WEFTEC	District Superintendent, Luke Markko, was a part of the CSWEA Operations Challenge Team that placed 2 <sup>nd</sup> at the Operations Challenge held at WEFTEC in October 2021.
Lapastora – Duke University WILD Fellow	District Staff Engineer, Joe Lapastora, was awarded a scholarship to participate as Fellow in Duke University's Water Innovation Leadership Development Program in November 2021.
Hendrickson – IEPA Class 2 Certification	District Operator, Tim Hendrickson, passed the IEPA Class 2 Exam in August 2021 and received full certification in September 2021.
Successful Internship(s)	District successfully hosted two (2) Engineering Internships for Summer of 2021.

Finally, we would like to provide an outlook for 2022 as we are anticipating a wave of funding to become available with the recent unveiling of the Federal Infrastructure Package. Thanks to the careful consideration and planning demonstrated by our District Manager, Mohammed Haque, over the last few years, the District already has a handful of projects that are at a point where the District can initiate the grant application process with little to no further preparation needed. A majority of the 2022 projects center around energy efficiency and infrastructure upgrades and we are hopeful that the District can build upon the grant success that we saw in 2021.

We appreciate your time in reading this letter and we would like to take the opportunity to thank the Board for all of your continued support.

Sincerely,

Joe Lapastora, Staff Engineer and  
Luke Markko, Superintendent



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