



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

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### **AGENDA**

#### **REGULAR MEETING**

**7:30 P.M. – September 14, 2021**  
**113 Timber Trail, Island Lake, IL**

**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 – August 10, 2021
- 4. TREASURER'S 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**
  - a. Holiday Hills Sewer Extension Project Status
- 10. NEW BUSINESS**
  - a. Approve Agreement for the Woodman's Car Wash Expansion
  - b. Approve Annual Audit for Fiscal Year 2020-2021
  - c. Approve Resolution Authorizing FEMA BRIC Grant Application for Holiday Hills/Le Villa Vaupel
  - d. Lakemoor Commons – Lot 5
  - e. Covalen – EOne Pumps Contract
  - f. Village of Lakemoor – Sewer IGA Closeout
- 11. MISCELLANEOUS CORRESPONDENCE**
  - a. MCGG Membership Meeting – Alfresco Alley, Cary, IL – 5:30 pm – September 22
- 12. APPROVAL OF BILLS**
- 13. OTHER BUSINESS**
  - a. Executive Session – Personnel, if needed

*Posted to [www.nmwrld.org](http://www.nmwrld.org) – September 10, 2021*



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# NORTHERN MORAIN WASTEWATER RECLAMATION DISTRICT

113 Timber Trail, Island Lake, Illinois 60042

## REGULAR MEETING MINUTES

August 10, 2021

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

Present in Person: Trustees: Timothy Brunn, Lydia Ryberg, Ken Michaels(arrived at 8:25 pm)

District Manager: Mohammed Haque; District Clerk: Deborah Martin

Present by Zoom: John Ragland, Jacob Mann

*Due to inclement weather delaying Metra trains out of Chicago, District President Ken Michaels was late for this regular meeting. The remaining trustees agreed to wait for President Michaels so that there would be a quorum of Board members present.*

President Michaels called the meeting to order at 8:27 p.m. President Michaels stated that the meeting is being recorded and being broadcast through Zoom.

### 1. CALL TO ORDER:

Roll Call: Timothy Brunn – Present, in person  
Jacob Mann – Present, via Zoom  
John Ragland – Present, via Zoom  
Lydia Ryberg – Present, in person  
Ken Michaels – Present, in person (arrived at 8:25 pm)

### 2. PLEDGE OF ALLEGIANCE:

Those present recited the Pledge of Allegiance.

### 3. PRESENTATION & APPROVAL OF MINUTES:

a. Regular Meeting, July 13, 2021

Motion by Trustee Brunn to approve the Regular Meeting minutes of July 13, 2021 as presented.

2nd by President Michaels

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 June 30, 2021

*Vice President Ryberg presented the Monthly Treasurer's Report for month ending June 30, 2021 for Board approval.*

Motion by Mr. Brunn to approve the Treasurer's Report for month ending June 30, 2021 as presented.

2nd by President Michaels

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**



Northern Moraine Wastewater Reclamation District  
Regular Meeting Minutes  
August 10, 2021

**5. PUBLIC COMMENTS:** none

**6. MANAGER'S REPORT:**

Manager Haque reported to the Board that our legislative contract with Mike Tryon is up for renewal, but learned that Mr. Tryon will be retiring at the end of this year. Mr. Tryon will assist the District in finding new representation. Manager Haque also reported that the District has closed the front lobby to the public due to concerns about COVID-19 variants. Manager Haque updated the Board on the progress on the District's project funding and grants. The \$200,000 grant for the Control Building enclosure has been approved by Illinois DCEO and the District is currently bidding this project. The District continues to provide documentation to the IEPA as needed for the Unsewered Communities grant of \$3,495,600 for the Holiday Hills Sewer Project as well as the Darrell Road Sewer Project. Trotter and Associates has been working diligently on the sewer and lift station design. The District has also been working with our legislative team to get additional funding via a program called Community Projects that may be available for federal infrastructure funding as well as other potential opportunities. Manager Haque reported to the Board that The District is awaiting the final design and bidding results of Nunda Township's stormwater improvement project for Wegner Road. Mr. Haque also reported that the Woodman's Car Wash expansion plans have been approved and the IEPA permits are signed and submitted to the developer.

**7. TRUSTEE REPORTS**

President Michaels stated that he has met with Village of Island Lake President Richard McLaughlin concerning the Village's reluctance in adhering to the Intergovernmental Agreement regarding water shut off notices. The Village feels it will deliver water shut off "red tags" to its residents but does not want to continue doing the green tags for sanitary sewer non-payment.

**8. LEGAL BUSINESS**

President Michaels stated his Trustee Report would fall under the category of legal business, and the Board wondered why the Village of Island Lake would want to lose this revenue. President Michaels was awaiting any formal documentation from the Village to end the IGA. District Manager Haque informed the Board that the Village had not been keeping up with invoicing the District for charges to hang tags or to shut off and turn on water. Mr. Haque explained that the Bills Payable report had a few back invoices from the Village.

**9. OLD BUSINESS – none**

a. Holiday Hills Sewer Extension Project Status

Manager Haque reported to the Board that the Village of Holiday Hills has passed the IGA in significantly the same form as the District's approved version. Because the changes are very minor, Manager Haque believed it is not necessary to reapprove this IGA. The Village had requested that we reduce the interest rate for the sewer connection permit fee from 4% compounded annually to 3%. The District informed the Village that would not be possible. Ultimately, the IGA was passed by the Village at the originally proposed 4%.

**10. NEW BUSINESS**

a. Approval of Addendum #1 with Trotter and Associates – Operations Building Electrical

Motion by Mr. Brunn to approve contract Addendum #1 with Trotter and Associates, Inc. in the amount of \$6,220 for Engineering Services – Design and Bidding of the Operations Building Electrical Room Improvements and to authorize the District Manager to execute the agreement.

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 abstain

**MOTION CARRIED**



Northern Moraine Wastewater Reclamation District  
Regular Meeting Minutes  
August 10, 2021

**11. MISCELLANEOUS CORRESPONDENCE**

a. MCCG August Membership Meeting

The August MCCG Membership meeting will be held by August 25, 2021 at Pistakee Yacht Club in Johnsburg at 5:30 pm. Trustees to inform District Clerk Debi Martin if they are interested in attending so she may RSVP.

**12. APPROVAL OF BILLS**

Motion by Mr. Brunn to approve payment of bills for the August 10, 2021 bill list as presented, in the amount of \$202,811.90.

2nd by Mr. Ragland

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**

**13. OTHER BUSINESS - NONE**

**ADJOURNMENT**

Motion by Mrs. Ryberg to adjourn the meeting at 8:52 p.m.

2nd by Mr. Brunn

5 ayes 0 nays 0 abstain

**MOTION CARRIED**

## Treasurer Report

As of July 31, 2021

July 31, 21

### ASSETS

#### Current Assets

##### Checking/Savings

1010 · Petty Cash	300.00
1015 · Cash on Hand	500.00
1016 · Chase - Checking	1,548,161.63
1018 · Chase - Savings	367,435.06
1020 · Blackhawk Checking	388,628.82
1030 · Blackhawk Savings	24.01
1060 · IL Epay Funds	93,875.11
1070 · JP Morgan Securities	6,289.71
Total Checking/Savings	<u>2,405,214.34</u>

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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 July 31, 2021

	May - Jul 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	50,462.02	106,750.00	(56,287.98)	47.3%
4090 · Replacement Tax Income	984.19	840.00	144.19	117.2%
4300 · Sewer Permit Income	600.00	1,400.00	(800.00)	42.9%
4500 · Sewer Usage Income	685,749.84	2,750,870.00	(2,065,120.16)	24.9%
4510 · Connection Fees	100,595.00	143,920.00	(43,325.00)	69.9%
4520 · Penalty Income	12,648.09	59,010.00	(46,361.91)	21.4%
4600 · Refund Income	5,815.00	100.00	5,715.00	5,815.0%
4730 · Interest Income	141.48	3,500.00	(3,358.52)	4.0%
4900 · Miscellaneous Income	515.96	2,000.00	(1,484.04)	25.8%
4910 · Hauled Waste Income	11,383.20	44,530.00	(33,146.80)	25.6%
4930 · Engin. & Legal Rev. Fees	2,786.00	5,000.00	(2,214.00)	55.7%
<b>Total Income</b>	<b>871,680.78</b>	<b>8,117,920.00</b>	<b>(7,246,239.22)</b>	<b>10.7%</b>
<b>Gross Profit</b>	<b>871,680.78</b>	<b>8,117,920.00</b>	<b>(7,246,239.22)</b>	<b>10.7%</b>
<b>Expense</b>				
5000 · Salaries	182,398.75	791,970.00	(609,571.25)	23.0%
5010 · Payroll Tax Expense	14,451.25	59,400.00	(44,948.75)	24.3%
5020 · Payroll Expenses-other	225.00	900.00	(675.00)	25.0%
5030 · Employee Insurance	25,897.62	180,800.00	(154,902.38)	14.3%
5040 · Trainings & Seminars	1,467.00	10,600.00	(9,133.00)	13.8%
5050 · Clothing Allowance	307.34	3,000.00	(2,692.66)	10.2%
5060 · IMRF Employer Contribution Exp.	16,330.28	70,590.00	(54,259.72)	23.1%
5110 · Maintenance-Buildings	9,710.01	18,000.00	(8,289.99)	53.9%
5120 · Maintenance-Vehicles	3,236.07	11,000.00	(7,763.93)	29.4%
5130 · Maintenance-Equipment	7,934.79	21,500.00	(13,565.21)	36.9%
5140 · Maintenance-Utility System	6,134.33	85,000.00	(78,865.67)	7.2%
5150 · Maintenance Supplies	580.36	3,000.00	(2,419.64)	19.3%
5160 · Sludge Hauling	20,620.32	27,000.00	(6,379.68)	76.4%
5210 · Operating Supplies	907.41	8,000.00	(7,092.59)	11.3%
5220 · Motor Fuel & Lube	1,747.17	15,000.00	(13,252.83)	11.6%
5230 · Vehicle Supplies	0.00	600.00	(600.00)	0.0%
5240 · Lab Supplies	2,196.39	15,000.00	(12,803.61)	14.6%
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	24,307.10	80,000.00	(55,692.90)	30.4%
5260 · Safety Equipment	4,571.92	10,500.00	(5,928.08)	43.5%
5320 · General Insurance	5,190.00	78,060.00	(72,870.00)	6.6%
5330 · Telephone Expense	10,625.18	37,390.00	(26,764.82)	28.4%
5360 · Utilities	37,261.89	153,000.00	(115,738.11)	24.4%
5361 · Security System	9,950.77	11,500.00	(1,549.23)	86.5%
5380 · Rentals	400.00	1,100.00	(700.00)	36.4%
5390 · Travel Expense	195.18	1,500.00	(1,304.82)	13.0%
5410 · Software Support	7,859.25	49,470.00	(41,610.75)	15.9%
5420 · Accounting Service	6,900.00	8,600.00	(1,700.00)	80.2%
5430 · Professional Lab Testing	2,926.53	7,000.00	(4,073.47)	41.8%
5435 · Julie Locate Expense	183.74	3,500.00	(3,316.26)	5.2%
5440 · Engineering Service	4,304.00	2,000.00	2,304.00	215.2%
5450 · Legal Expense	15,865.00	41,500.00	(25,635.00)	38.2%
5460 · Permit Fees	18,000.00	18,000.00	0.00	100.0%
5480 · Other Professional Services	34,427.04	125,440.00	(91,012.96)	27.4%
5510 · Office Supplies	1,875.19	8,000.00	(6,124.81)	23.4%
5520 · Postage	6,560.85	25,000.00	(18,439.15)	26.2%
5530 · Website Expense	66.00	2,000.00	(1,934.00)	3.3%
5540 · Printing & Publishing	2,153.82	10,300.00	(8,146.18)	20.9%
5550 · Publications & Subscriptions	0.00	200.00	(200.00)	0.0%
5560 · Membership Dues	939.00	4,860.00	(3,921.00)	19.3%
5630 · Bank Service Charges	3,088.51	13,800.00	(10,711.49)	22.4%
5640 · Interest Expense	0.00	82,921.00	(82,921.00)	0.0%
5710 · Miscellaneous Expense	30.94	500.00	(469.06)	6.2%
5810 · Refunds	0.00	100.00	(100.00)	0.0%
<b>Total Expense</b>	<b>491,936.91</b>	<b>2,100,801.00</b>	<b>(1,608,864.09)</b>	<b>23.4%</b>
<b>Net Ordinary Income</b>	<b>379,743.87</b>	<b>6,017,119.00</b>	<b>(5,637,375.13)</b>	<b>6.3%</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	0.00	600,000.00	(600,000.00)	0.0%
<b>Total Other Income</b>	<b>0.00</b>	<b>12,813,072.00</b>	<b>(12,813,072.00)</b>	<b>0.0%</b>
<b>Other Expense</b>				
6010 · Office Equipment over \$500	15.39	2,500.00	(2,484.61)	0.6%
6030 · Capitalized Treatment Upgrade	367,662.88	13,413,296.00	(13,045,633.12)	2.7%
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>367,678.27</b>	<b>13,818,614.00</b>	<b>(13,450,935.73)</b>	<b>2.7%</b>
<b>Net Other Income</b>	<b>(367,678.27)</b>	<b>(1,005,542.00)</b>	<b>637,863.73</b>	<b>36.6%</b>
<b>Net Income</b>	<b>12,065.60</b>	<b>5,011,577.00</b>	<b>(4,999,511.40)</b>	<b>0.2%</b>



## NMWRD August 2021 Operations Report

As of September 10<sup>th</sup>, 2021

Prepared by: Luke Markko, Superintendent

**District Operator Passes IEPA Exam** – Tim Hendrickson recently passed the IEPA Class 2 Wastewater Operator exam. IEPA restructured their certification process a little over a year ago. Previously individuals would need to prove that they had enough relevant work experience before being allowed to take the exam. Under their new regulations they now allow individuals to test for exams at any level, with full certification occurring after verifying the required duration of relevant work experience for each level of certification. Tim has the required amount of experience and can be expected to receive full certification once IEPA has processed his application. Congratulations to Tim, these exams are not easy!

**Regional Strong Storms** – Strong storms moved through on August 10<sup>th</sup> and resulted in power outages, downed trees, and power lines on the ground in our service area. Many of the District's lift stations experienced power failures. Fortunately, most of our lift stations are equipped with permanent standby generators that allow continued operation in these situations. For those that do not, we have trailer-mounted "roll-up" generators that can be towed to a lift station to provide temporary power. While brief interruptions of power occurred throughout the service area, Lakemoor appeared to have been particularly hard-hit by this storm. As a result, Lift Station (LS) #'s 1, 3, 5, and 7, all located in Lakemoor, were without power for several days. LS 1 & 3 are both equipped with generators, and these provided power to the stations for the duration of the outage. LS 7 has an inoperable generator slated for replacement under the Lakemoor Lift Station Grant. However, LS 7 benefits from being interconnected with LS 1 via sanitary sewer mains. In the event either station's wet well fills, flow will then transfer to the other. The power failure at LS 5 had complications beyond just a loss of power. A severed neutral wire on the service line from the power pole to the station caused several components in the panel to fail. This prevented the use of a generator at this station until the components could be replaced. Fortunately, we were able to make use of the trailer-mounted pump that the District purchased last year to bypass the lift station. This was done until the damaged panel components were replaced, and then a generator was brought in until power was restored. District staff responded well to the challenging and changing conditions brought in the storm's wake. Once again, we maintained uninterrupted service to our residents in the face of adversity.



Bypass pump being set up at Lift Station 5



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**District Office Entry Gates & Trees** – The entry gates at the District Office fell victim to the strong winds during the storm on August 10<sup>th</sup>. One gate was ripped off completely, and others suffered bending and broken hinges. Replacements are being procured and will be installed when available. Several trees came down because of the winds as well. District staff have been cutting them up in preparation for disposal.



Downed tree near barn.



Tree down near old horse shelter near District Office.

**Lakemoor Commons Development** - At the area near Woodman's in Lakemoor known as Lakemoor Commons, there have been construction activities as the site continues to be developed. Several District administrative staff have been involved with unauthorized construction activities occurring prior to receiving the proper permitting. This month's *Engineering Report* has further details on this matter. As a result of these activities, Operations staff have been making daily site visits to ensure that activities are being conducted in accordance with District Ordinances.

**Televising Van Upfitting** – The televising van is all but done. We are awaiting the final decal wrapping of the vehicle. At the writing of this report, the vehicle wrap is being printed and will be installed shortly after that. Our current approach to procuring a televising vehicle has resulted in purchase of the base vehicle at \$29,000. Direct purchase of installed equipment at \$7,500, and the upfitting by SAE Customs at about \$16,000. There may be some additional items needed as we build this from the ground up, but our current investment of \$52,500 is well below the \$280,000 price tag of a brand new fully equipped vehicle.



Televising Van vehicle wrap section being printed prior to installation. More to come!



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**Green Tags** – District staff have recently taken on the hanging of “Green Tags” in the Village of Island Lake. A previous IGA had Village staff hanging these shut-off notices on Island Lake users’ doors to inform them that the water supply would be shut off for non-payment of their sanitary sewer fees. The Village of Island Lake had a change of heart and wanted to offload the tag hanging duties while still performing the water shut offs as needed. While it is additional work for both administrative and operations staff, the time investment has been minimal for the District.

**Supply Lead Times** – Following up on this ongoing situation from last month, we have our chemical supplies for disinfection and dewatering under control for the foreseeable future. While lead times for orders have increased, we have been able to arrange for routine deliveries that will allow for uninterrupted operation, while building a small reserve in the event of delays. Presently the pumps used in the low-pressure system in parts of Port Barrington, are of particular concern. There are over 200 homes on the low-pressure system and we have seen our recent reserve stock of pumps dwindle from 5 to 1. Normally the District could expect to see between 5 and 10 pumps fail and require replacement each year. In the past 18 months we have replaced over 20. I suspect the shortage of toilet paper that came with the onset of the COVID-19 pandemic is still having repercussions. Without toilet paper, people were turning to alternatives such as wipes, which are known to create excess wear on a variety of wastewater handling equipment, especially pumps. An order for 10 more pumps was placed mid-August but is not expected to be fulfilled until the end of November. At the writing of this report, an additional pump was secured and anticipated to be delivered in a matter of days. We have reached out to alternative pump manufacturers as well. There are several known to have products that can work with the infrastructure we have in place. Arrangements have been made with two different suppliers to have demonstration units delivered for evaluation and eventual expansion of our supply.



A pump similar to this is installed at each home in the low-pressure system of Port Barrington.



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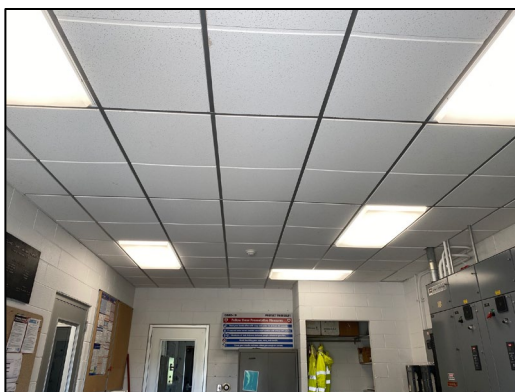


**Grounds Restorations & Maintenance**— Additional grounds restorations continue at the treatment plant. Our area of focus has been along sidewalks where construction traffic and salting have damaged the grass along either side. These areas were aerated prior to having topsoil, seed, and blanketing applied. Additional sections along sidewalks will continue to be restored in the coming month.



Sidewalk boarder near Control Building restoration.

**Control Building Lighting Upgrades** – Operations staff replaced fluorescent lights located in the Laboratory and Motor Control Center with LED lighting. Not only are these areas more brightly lit, they have reduced electricity needs, and the LED lamps were purchased at a reduced rate under ComEd energy efficiency incentives.



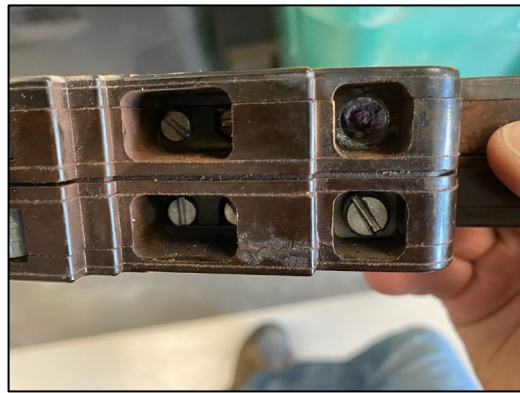
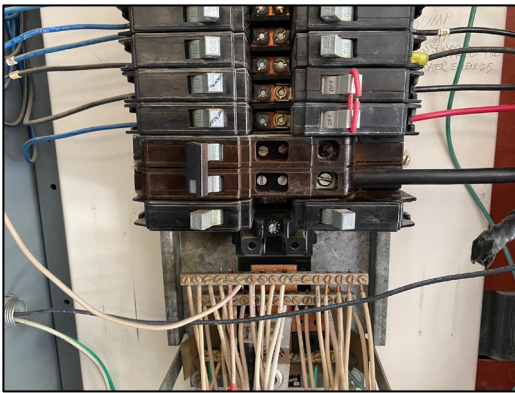
Motor Control Center lighting.



Laboratory lighting.



**Control Building Electrical Upgrades** – See *Engineering report for full details*. This grant funded project has gone out to public bid. Several contractors have made site visits to evaluate the existing Motor Control Center (MCC) and adjoining room where the new equipment will be installed. This project comes at a good time. This MCC was installed as part of the original treatment plant I 1978 and is showing its age. We recently had a circuit breaker fail, causing some burning at the wire lugs. This set off the fire alarms in the building, resulting in a visit by the Wauconda Fire District. Between the Fire District staff utilizing thermal imaging and a contracted electrician, we were able to pinpoint the breaker that failed and replaced it.



The double pole breaker that failed fed the Break Room and Garage. One of the lugs began to heat up and smoke.

### Vehicle Repairs/Orders

**Mini-Dump** - Our “Mini-Dump”, a 2009 Ford F-450 with dump body was in for repairs resulting from a failed alternator. This vehicle has been budgeted for replacement this fiscal year. Options have been selected and an order for one will be going in soon. The recent chip shortage and limited vehicle production will likely have an impact on when we will see the vehicle go into production.

**John Deer Gator** – One of our two Gator utility vehicles has a portion of the frame that has rusted through where the front suspension is attached. Operations staff have removed the plastic hood and fenders to allow access to the rusted portion of the frame. A contracted welder is being scheduled to replace this frame section and the opposite side which is beginning to show some signs of deterioration.



The front suspension strut pushed through the vehicle frame.



Plastic body has been removed from vehicle chassis.





**Painting** – The District has recently contracted Allied Painting to recoat the South Clarifier cover. This is the same company that recoated the North Clarifier cover last year. The proposal came in well below budgeted estimates, so in addition to having the clarifier cover recoated, we will be having a portion of the non-potable water system restored, and the Oxidation Ditch aerator covers recoated as well. All of this will be completed under the original budgeted cost for just the clarifier cover.

**Sludge Conveyor Update** – Our new sludge conveyor continues to operate very well. We are especially pleased with how the sludge is distributed in the storage bed after being discharged from the conveyor. It was originally anticipated that the stockpiled sludge would begin to pile up and require some manual redistribution. That has not been the case. As the sludge piles up it slowly spread out across the storage bed floor without any need for redistribution. With sludge hauling anticipated to occur sometime towards the end of October or early November, we have enough room to continue conveying sludge into the storage bay. If you recall, in previous reports it was explained that this process involved a great deal of manual relocation of the dewatered sludge. The District’s sludge dewatering operations are now looking to be completely “hands-free”!



Sludge pile following first dewatering with new conveyor.



About four months of stockpiled sludge.





## NORTHERN MORaine W R D

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### NMWRD Engineering Report

Date: September 10<sup>th</sup>, 2021

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

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

*[Project Update]* – Through the month of August, TAI has completed their initial topographic survey, designed a preliminary sanitary sewer layout, and has nearly completed the lift station design. District Manager, Mohammed Haque, and District Staff Engineer, Joe Lapastora, continued to meet with the TAI team for weekly work sessions to review and discuss project planning. Weekly meeting topics discussed during the month of August included LS fencing, LS landscaping, LS site lighting, electrical routing to LS site, future tailgate meetings, and additional funding opportunities. An alternate lift station site is currently under review as the District received verbal confirmation that the alternate LS site will be made available for purchase at an agreed upon appraised value. TAI will continue to perform its analysis on the alternate site feasibility given that approximately 80% of the alternate site lies within the 100-year floodplain. The alternate LS site would require roughly 420 cubic yards of fill to ensure the proposed station would be constructed above the 100-year floodplain. Furthermore, McHenry County Stormwater requires compensatory storage for all materials filled within the floodplain, which can be achieved by utilizing the originally proposed site that is just North of the alternate site (located at the Northwest corner of Holiday Drive and Sunset Drive). The next step will require a wetland determination/delineation survey to meet USACOE's permit requirements which will likely occur within the next two (2) weeks. Note that IEPA construction permits were signed by all parties and submitted to the IEPA on August 20<sup>th</sup>. Regarding in-house updates for the HH/LVV sanitary sewer extension project, the District successfully solicited seven (7) quotes for geotechnical exploration to be performed in the form of various soil borings, concrete cores and subsequent laboratory analysis. The District ultimately awarded the contract to SEECO Consultants, being deemed the lowest and responsible bidder in the amount of \$21,089.00. Due to recent developments on the alternate lift station site, commencement of the soil borings and pavement cores is on hold until the alternate site is cleared and the Geotech, SEECO, can access the site for a deep soil boring at the proposed wet well location. Finally, the District wrapped up our efforts to raise two (2) buried valve vaults that sit along River Road to existing grade during the first week of September. These will provide reference control points for the HH/LVV sanitary sewer tie-in to existing NMWRD sanitary sewer. During the first week of September, District Manager, Mohammed Haque, met with McHenry County to discuss additional grant opportunities for the project. See Manager Report and Grant Tracking Report for more details.





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**Wegner Road Storm Improvements:**

*[Project Update]* – TAI completed the second plan review on June 3<sup>rd</sup> and markups were forwarded to J Condon for final revisions. In early July, James Condon with J Condon and Associates (design engineer) informed the District that the project is currently waiting on the purchase agreement for the land required for the outlet and park area. The project start date has yet to be set and District operators will continue to monitor JULIE locates for any upcoming work. No new updates since July Engineering Report.

**Asset Management:**

*[Project Update]* – The District continued with Phase 2 implementation of our Asset Management Software (Cartegraph) during August. District Superintendent, Luke Markko, and District Staff Engineer, Joe Lapastora, will continue to attend bi-weekly meetings moving forward as the District prepares to enter the requirements gathering phase scheduled for October 11<sup>th</sup> – 14<sup>th</sup>.

**Sewer Televising & Cleaning Plan:**

*[Project Update]* – A detailed Sewer Televising & Cleaning Plan has been adopted which dictates the breakdown of gravity mains that are to be cleaned/televised in any given year, coinciding with the District's CMOM plan. The District's cleaning and televising plan is fully integrated into Cartegraph and associated work orders have been created for each individual gravity main for the entirety of the District's collection system. District operators will continue cleaning this month and will start televising once the van buildout is complete. Per the latest correspondence, the vinyl wrap is the only item left on the van buildout and the van should be delivered mid-September. See the Operations Report for more updates relating to the van buildout. Finally, as the District prepares to perform both cleaning and televising in tandem, the remaining operators have been scheduled for their NASSCO training. District Superintendent, Luke Markko, and District Operator, Miguel Mercado, are scheduled to take their virtual NASSCO certification courses for MACP and PACP training for September 20<sup>th</sup> – 22<sup>nd</sup>. Once complete, all District Operators, including our Superintendent and Staff Engineer will be NASSCO certified.

**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, will be meeting next week to review the list in its entirety and schedule remaining tasks to ensure all items are completed within the originally proposed timeline.





## NORTHERN MORaine W R D

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	Hauled Waste Testing
1-B: i	Industrial and Commercial Customers
1-C	Evaluation of Local Limits

*Action Items listed in PDOP.*

### **MS2 Bar Screen at Headworks:**

*[Project Update]* – The District purchased a Headworks brand MS2 bar screen in April 2020 and the District has requested a proposal for bidding services for this project from TAI.

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

*[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 Lot 5B (Starbucks, Chiptole and Future Tenants):**

*[Project Update]* – A retail development is set to be constructed on Lot 5B of the Lakemoor Commons that will include four (4) separate structures. Two (2) of the buildings are reserved for Starbucks and Chipotle while the other buildings are for future tenants. The retail development Civil Plans along with the MEP plans have been reviewed by TAI and the second iteration of review comments, including connection fee, were submitted to both raSmith and Keystone Construction LLC in late July. Response comments had yet to be received by the District through the month of July. As previously mentioned on last month's Engineering Report, the District had not been notified of a project start date and had no reason to believe the project would commence in the short-term as we were still awaiting for return comments on the last TAI review, final plans to be delivered to NMWRD, connection fees to be paid-in-







## NORTHERN MORaine W R D

full, an approved IEPA sanitary sewer permit to be delivered to the District, and a completed sanitary sewer permit application submitted to the District along with the required COI and license & permit bond from the sewer contractor. On August 11<sup>th</sup> District Staff Engineer, Joe Lapastora, performed a routine site visit to the Buona Beef Development site which is located directly South of the Lakemoor Commons Lot 5B site and noticed mass grading work. Joe informed the site Superintendent, Richard Gubala, that they would need to halt all work until the District's requirements had been met. Later that day District Manager, Mohammed Haque, received a call from Richard Gubala with Keystone Construct LLC regarding the status of the Lakemoor Commons Lot 5B development. Mohammed informed Richard of the items that the District was still waiting on in order for construction to start at the project site, most importantly noting that an IEPA sanitary sewer permit had yet to be approved by the State, connection fees had yet to be paid, and an NMWRD sanitary sewer permit application had not been submitted to the District. Richard immediately followed up his call with an e-mail to Mohammed with attachments of what Richard generally described as IEPA permits. Mohammed quickly corrected Richard and notified him that the attached IEPA permits were for the potable water connection and not the same as a sanitary sewer connection IEPA permit. On August 12<sup>th</sup>, Richard Gubala submitted the NMWRD sanitary sewer permit application accompanied with the sewer contractor's COI and license & permit bond. On August 18<sup>th</sup>, District Operator, Miguel Mercado, travelled to the Lakemoor Commons Lot 5 Development site for a routine check and while visiting, Miguel noticed excavating occurring on the Lakemoor Commons Lot 5B site. Miguel called Staff Engineer, Joe Lapastora, and had him speak with the project site superintendent, Richard Gubala. Joe asked Richard why they were resuming construction on the Lakemoor Commons Lot 5 site after the District had clearly communicated the requirements that were necessary prior to any sort of construction occurring on-site and was met with no meaningful answers. Joe halted all construction and notified District Manager, Mohammed Haque. It was discovered later that day that VOL issued a foundation only permit without our knowledge even after the District shut down the project site a week prior when they were trying to grade the site. An *Unauthorized Construction Letter* was issued to Keystone Construct LLC from the District Attorney, Vic Filippini with Filippini Law Firm, on August 19<sup>th</sup> outlining the violation of District ordinances. The letter clearly stated that work would not be allowed to continue until all such violations have been satisfactorily addressed. On August 24<sup>th</sup> District Operator, Chris Molitor, noted that construction activity was still occurring at the Lakemoor Commons Lot 5B site without any sort of follow-up to the *Unauthorized Construction Letter* that was issued a week prior. All District employees were notified to refer to the *Unauthorized Construction Letter* until all matters had been resolved. Near late-afternoon on August 24<sup>th</sup>, the District was notified that Keystone Construct LLC was issuing a partial connection fee stating that they had not yet secured a loan to cover the full amount of the connection fees. The District accepted the partial payment and did not issue an NMWRD sanitary sewer permit due to other





requirements still not being met. NMWRD Board President, Ken Michaels, spoke with Timothy Hague with Keystone Construct LLC and came to an agreement on how to proceed with the development. Our District attorney sent a *Follow-Up to Unauthorized Construction Letter* to Tim Hague stating the conditional agreement that had been enacted which would allow the owner to continue to work on the foundations for the structures but does not allow for any work outside the foundation walls. On August 30<sup>th</sup> the District finally received the approved IEPA sanitary sewer permit and the last remaining item that required by the District is the payment of the remaining connections fees before the issuance of an NMWRD sanitary sewer permit. District staff will continue to monitor the construction site via daily site visits.

**Buona Beef Restaurant:**

*[Project Update]* – All sanitary related construction was completed in late July and the District is waiting for the manhole vacuum testing to be scheduled. Once testing is scheduled and completed, the District will issue a project closeout punchlist to Keystone/Berger before signing off and entering the three (3) year maintenance period.

**Control Building Electrical:**

*[Project Update]* – The District has made significant progress for the Control Building Electrical project during the month of August. 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 delivered to our grant manger. Finally, TAI has issued all bid documents relating to the project including four (4) addendums, a bid advertisement issued on July 27<sup>th</sup>, a pre-bid meeting was held on August 16<sup>th</sup>, and the bid opening that was originally scheduled for September 9<sup>th</sup> has been extended one (1) week until September 16<sup>th</sup> at 1pm.

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

*[Project Update]* – The District has been working with various entities (including VOL, TAI, legal reps for the District and VOL, and all engineers involved on the project) for the upcoming car wash 3<sup>rd</sup> bay expansion. The District had previously worked to establish an accurate connection fee for the 3<sup>rd</sup> bay expansion which involved looking at the previous connection fee cost associated with the original construction of the car wash in 2018. The connection fee has been finalized and communicated to the appropriate parties along with plan review submittals produced by TAI. The approved IEPA sanitary sewer permit was received on August 30<sup>th</sup>. A project start date has yet to be set, but once the connection fee payment is received by the District it is likely that construction will begin shortly after.

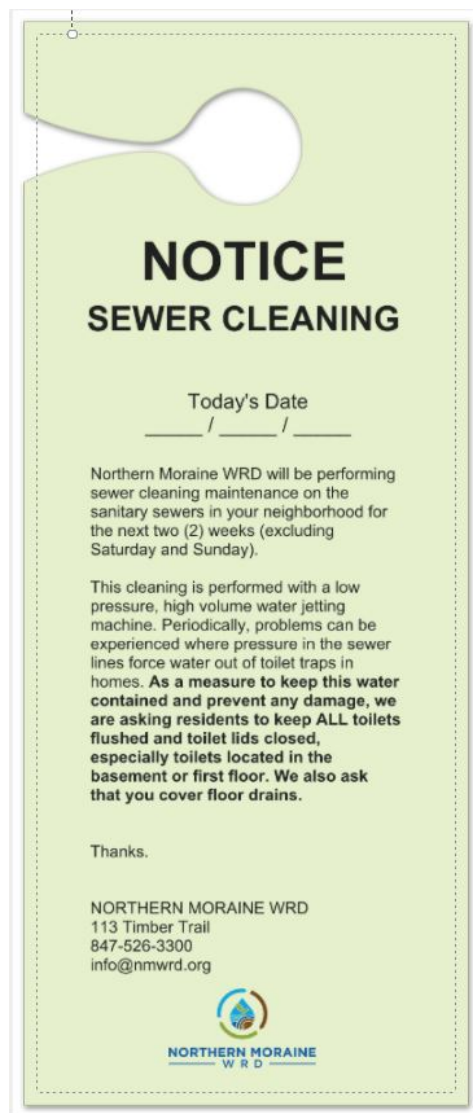




## NORTHERN MORAIN W R D

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

- The District recently ordered door tags to be hung on the doors of all residents in an area where NMWRD will be performing cleaning and televising. These door tags will help inform the public that they should expect to see NMWRD staff/equipment in the area performing maintenance while also communicating the importance of covering floor drains and closing toilet lids while work is being performed on the sanitary sewers



NMWRD Door Tag signage for cleaning and televising.



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## NORTHERN MORaine W R D

- As previously mentioned in the HH/LVV section of this Engineering Report, the District wrapped up our efforts to raise two (2) buried valve vaults that sit along River Road to existing grade during the first week of September. These will provide reference control points for the HH/LVV sanitary sewer tie-in to existing NMWRD sanitary sewer. The District hired Bartnick Construction to complete the work on Friday, September 3<sup>rd</sup> with oversight from various NMWRD staff including District Superintendent, Luke Markko, and District Operator, Chris Molidor.



VV 1 closest to road.



Wet conditions encountered. VV 2  
furthest from road.



VV1 raised to grade, avoiding damage  
to road shoulder.



Completed work, with both VV raised to existing grade.



Picture showing VV proximity to road shoulder.





**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
8/17/2021	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

**Cumulative Total:** **\$ 91,872.00**



## Northern Moraine WRD Project Grant Tracking

Rev. September 10, 2021

Project	Year	Program	Agency	Grant Requested	Expected Grant Amount	Project Amount	Date Applied	Status
Darrell Road Unsewered Facilities Project – Darrell Road Phase 1B	2020	Rebuild Illinois Fast Track Public Infrastructure Grant Program	DCEO	\$3,494,973	-	\$3,494,973	5/20/2020	Not Awarded
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
Darrell Road Unsewered Facilities Project	2020	Unsewered Communities Construction Grant Program	IEPA	\$5,000,000	-	\$18,350,000	12/31/2020	Not Awarded
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	Under Review
*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	Will submit application by end of September 2021	Coordinating application w/ R1Planning, McHenry Co., TAI, & Tryon Govt. Consulting
<b>Expected Grant Amount (rev. September 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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Web: [www.nmwrd.org](http://www.nmwrd.org)

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



Month	Loads	Gallons	Revenue FY21-22	Revenue FY20-21
May-21	15	53,850	\$3,264.00	\$3,396.60
Jun-21	17	60,600	\$3,406.80	\$3,763.80
Jul-21	18	65,900	\$3,733.20	\$4,528.80
Aug-21	34	122,000	\$7,037.10	\$2,927.40
Sep-21	-	-	-	\$3,937.20
Oct-21	-	-	-	\$4,018.80
Nov-21	-	-	-	\$3,488.40
Dec-21	-	-	-	\$1,285.20
Jan-21	-	-	-	\$1,632.00
Feb-21	-	-	-	\$734.40
Mar-21	-	-	-	\$5,151.00
Apr-21	-	-	-	\$4,763.40
Total	84	302,350	\$17,441.10	\$39,627.00

	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
	5/10/2021	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
June	5/21/2021	Weidner	3800	Flat Rate	\$204.00	11:30 AM	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



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
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	7/8/2021	Helmer	2700	Flat Rate	\$183.60	9:20 AM	Septic
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	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
	7/28/2021	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
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	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
	8/26/2021	Weidner	3800	Flat Rate	\$204.00	9:20 AM	Septic
	8/26/2021	Helmer	3200	Flat Rate	\$183.60	7:45 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	11:40 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

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
8/17/2021	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

	Standard Connections	Darrel Road Connections
<b>FY 2021 - 2022 Total:</b>	\$ 93,957.00	\$ 39,904.00
<b>Approved Budget FY 2021 - 2022</b>	\$ 122,584.00	\$ 22,736.00
<b>Approved +/- vs. Current YTD</b>	\$ (28,627.00)	\$ 17,168.00



## DELINQUENT ACCOUNTS RECAP FOR August 2021

Revised: 09/07/21 by Debi Martin, District Clerk

### \$150-\$300

#### 85 Active Accounts

Island Lake – 44 customers  
44 Notices of Delinquency  
Lakemoor – 31 customers  
30 Notices of Delinquency, 1 promised payment  
Port Barrington – 10 customers  
10 Notices of Delinquency

### \$301-500

#### 62 Active Accounts

Island Lake – 40 customers  
40 Liens – 37 Water Shut Off Notices, 1 Payment Agreement, 1 Sewer Disconnection Notice,  
1 Final Notice of Delinquency  
Lakemoor – 13 customers  
13 Liens – 5 Final Notices of Delinquency, 6 Water Shut Off Notices, 2 Sewer Disconnection  
Notices  
Port Barrington – 9 customers  
9 Liens - 4 Sewer Disconnection Notices, 5 Final Notices of Delinquency

### \$501-\$1000

#### 6 Active Accounts

Island Lake – 2 customers  
2 liens – 2 with water off  
Lakemoor – 4 customers  
4 liens – 1 with water off, 3 to be disconnected from sewer

### \$1001 and up

#### 5 Active Accounts

Island Lake – 3 customers  
3 liens – 3 with water off  
Lakemoor – 2 customers  
2 liens – 2 being given to Village

**Delinquent Accounts total (active and inactive customers): \$42,594.56** (\$11,068.59 inactive accts)

**August 2020's report: \$49,062.90**

**August 2019's report: \$52,361.56**

#### MONTHLY ACTIVITY:

4766 Monthly Bills mailed 9/01/21 (for Aug service)  
438 Bills not mailed – customers prepaid on their accounts  
43 Water Shut Off Notices mailing 9/07/21  
6 Sewer Disconnection Notices mailed 9/03/21  
22 Liens released in August

84 Notices of Delinquency mailed 9/03/21  
11 Final Notices of Delinquency mailed 9/03/21  
31 Real Estate closings for August 2021  
41 Liens filed in August



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



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## NORTHERN MORAIN W R D

### AGENDA ITEM # 10A

<b><u>Meeting Date:</u></b>	September 14, 2021
<b><u>Item:</u></b>	Approve Resolution Approving Agreement for the Woodman's Car Wash Expansion
<b><u>Staff Recommendation:</u></b>	Motion to Approve Agreement Pertaining to the Property Located at the Southwest Corner of Route 12 and Route 120 in Lakemoor, Illinois (Woodman's Food Market, Inc. – Lakemoor Commons)
<b><u>Staff Contact:</u></b>	Mohammed M. Haque, District Manager

#### **Background:**

The District has been in discussion with the Village of Lakemoor and the Woodman's Food Market, Inc. about the expansion of their existing car wash from 2 to 3 bays. During that discussion, it was discovered that the existing water service was bigger than we were informed and our sewer connection fee was improperly underpaid. Since that time, there has been considerable back and forth regarding the fees and the calculation thereof. After some negotiation and discussion, the District came to the final conclusion of the revised connection fees that would both (1) accommodate the undercharge of the original permit for the 2 existing bays and (2) calculate the payment for the expansion of the 3<sup>rd</sup> bay. The negotiated settlement is per the column entitled Vic (Average Monthly Usage):

		Mohammed (Peak Monthly Flow)	Vic (Average Monthly Flow)
A	Flow (Per Exhibit D to your 9/14/2020 letter and attached chart)	84 P.E.	69 P.E.
B	Connection Charge per P.E.	\$2,164.00	\$2,164.00
C	Connection Charge Calculation (A x B)	\$181,776.00	\$149,316.00
D	Darrell Road Connection Fee for Bays 1 and 2 (\$928/PE)*	64,032.00	0
E	Total Connection Charges for Bays 1 and 2 (C + D)	\$245,808.00	\$149,316.00
F	Presumed Flow for Bay #3 [(1.5)(A) – A]	42 P.E.	34.5 P.E.
G	Connection Charge for #3 (F x B)	\$90,888.00	\$74,658.00
H	Darrell Road Connection Fee for Bay 3 [F (\$928/PE)]	\$38,976.00	\$32,016.00
I	Total Connection Charge for Bay 3 (G + H)	\$129,864.00	\$106,674.00
J	Total Connection Charge (3 Bays) (E + I)	\$375,672.00	\$255,990.00
K	Credit for Prior Connection Charge	\$32,465.00	\$32,465.00
L	Payment Needed to Resolve and Connect Bay #3 (J – K)	\$343,207.00	\$223,525.00
M	Woodman's Proposal	\$147,777.00	\$147,777.00
N	Difference between Woodman's Proposal and District Calculations (H – I)	\$195,430.00	\$75,748.00

\*In your 9/20/2020 letter, you imposed the Darrell Road Connection Fee on 69 P.E. of Bays 1 and 2 (i.e., on all the P.E. except what was originally paid for). Because Bays 1 and 2 were connected after the Darrell Road special connection fee was adopted, I did not include that in my calculation of what is due.

The revised calculations exclude \$64,032 of Darrell Road Special Connection Fee on the original 2 bays (since the fee was put into place after the initial permit) as well as calculate the flow on the basis of average flow as opposed to peak flow, representing a revised total due at this time \$223,525.





## NORTHERN MORaine W R D

---

**Recommendation:**

It is staff recommendation to Approve Agreement Pertaining to the Property Located at the Southwest Corner of Route 12 and Route 120 in Lakemoor, Illinois (Woodman's Food Market, Inc. – Lakemoor Commons)

**Votes Required to Pass:**

Simple Majority via a Roll Call Vote



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



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**NORTHERN MORAINÉ WASTEWATER RECLAMATION DISTRICT**

**RESOLUTION NO. \_\_\_\_\_**

**RESOLUTION APPROVING AGREEMENT PERTAINING TO THE PROPERTY LOCATED AT  
THE SOUTHWEST CORNER OF ROUTE 12 AND ROUTE 120 IN LAKEMOOR, ILLINOIS  
(WOODMAN'S FOOD MARKET, INC.--LAKEMOOR COMMONS)**

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

**WHEREAS**, the District provides sanitary sewer collection and treatment services to a service area that includes the lands generally located at the southwest corner of Route 12 and Route 120, which property is located in the Village of Lakemoor (the “**Property**”); and

**WHEREAS**, District Ordinance No. 07-12, entitled “An Ordinance Establishing Charges for the Connection to the Sewerage System of the Northern Moraine Wastewater Reclamation District, Lake and McHenry Counties, Illinois” (as amended by District Ordinance No. 08-11 and District Ordinance 20-02) (the “**Connection Fee Ordinance**”), provides that connection fees for non-residential structures shall be based upon population equivalent (“**P.E.**”) “as determined by the District from the proposed wastewater discharge strength and volume” and it provides for the payment of minimum connection fees based upon water meter sizes; and

**WHEREAS**, Woodman’s Food Market, Inc. (“**Woodman’s**”) owns that portion of the Property upon which it has constructed a Woodman’s Food Market; a fuel center, convenience store and quick-lube facility; and a car wash (the “**Car Wash**”). The Car Wash currently contains two car wash bays (the “**Initially-Constructed Car Wash Bays**”); and

**WHEREAS**, prior to the construction of the Car Wash, Woodman’s, pursuant to the Connection Fee Ordinance as it then existed, and based on its plan to install a 1.5” water meter for the Car Wash, paid the District a connection fee for the Car Wash in the amount of \$32,465 (the “**Initial Connection Fee**”); and

**WHEREAS**, although the Initial Connection Fee was based on a 1.5” water meter that has a presumed average daily flow of 15 P.E., the Initially-Constructed Car Wash Bays have been served by a 2.0” water meter; and

**WHEREAS**, in addition, since Woodman’s Car Wash opened for business to the public, the Car Wash has had an average daily flow of 70 P.E. based on water meter readings (the “**Actual ADF**”), which substantially exceeds the usage represented by the Initial Connection Fee; and

**WHEREAS**, Woodman’s now seeks to improve the Car Wash to meet market demand by constructing a third car wash bay at such facility (the “**Third Car Wash Bay**”) and to connect that Third Car Wash Bay to the District’s facilities; and

**WHEREAS**, because the Actual ADF of the Initially-Constructed Car Wash Bays exceeds the usage on which the Initial Connection Fee was based, a dispute has arisen between the District and Woodman’s regarding the appropriate connection fee for the Initially-Constructed Car Wash Bays, and as to the amount of the connection fee that is now due the District for the Third Car Wash Bay; and

**WHEREAS**, the District and Woodman’s have reached a proposed resolution to this dispute as set forth in the “Agreement Pertaining to the Property Located at the Southwest Corner of the Intersection of Route 12 and Route 120 in Lakemoor, Illinois” (“**Agreement**”), a true and correct copy of which is attached hereto as Exhibit A; and

**WHEREAS**, the District finds that the terms of the Agreement are consistent with the terms of the Connection Fee Ordinance; and

**WHEREAS**, the District Board desires to resolve the dispute over the Woodman’s Car Wash in accordance with the Agreement, which is in the best interest of the District and its residents;

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



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

**SECTION TWO: Approval of the Agreement; Authorization.** The District Board hereby approves the Agreement in the form attached hereto as **Exhibit A.** Subject to the District first receiving the signed Agreement from Woodman's, the District Board authorizes and directs the District President and District Clerk to execute, attest, and otherwise finalize the Agreement on behalf of the Village.

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

PASSED THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2021.

AYES:            ( )

NAYS:            ( )

ABSENT:        ( )

APPROVED THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2021.

ATTEST:

\_\_\_\_\_  
President

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

**EXHIBIT A**

**Agreement Pertaining to the Property Located at the Southwest Corner of the Intersection  
of Route 12 and Route 120 in Lakemoor, Illinois**

**AGREEMENT PERTAINING TO THE PROPERTY LOCATED AT THE SOUTHWEST  
CORNER OF ROUTE 12 AND ROUTE 120 IN LAKEMOOR, ILLINOIS  
(WOODMAN'S FOOD MARKET, INC.--LAKEMOOR COMMONS)**

This **AGREEMENT PERTAINING TO THE PROPERTY LOCATED AT THE SOUTHWEST CORNER OF THE INTERSECTION OF ROUTE 12 AND ROUTE 120 IN LAKEMOOR, ILLINOIS ("Agreement")** is entered as of the **Effective Date** (as hereinafter defined) by **NORTHERN MORAIN WASTEWATER RECLAMATION DISTRICT**, an Illinois Sanitary District (the **"District"**), and **WOODMAN'S FOOD MARKET, INC.**, a Wisconsin corporation (**"Woodman's"**). The District and Woodman's are hereinafter sometimes individually referred to as a **"Party"** and collectively as the **"Parties"**.

**R E C I T A L S**

**A.** The District is an Illinois sanitary district incorporated under The Sanitary District Act of 1917, 70 ILCS 2405/0.1 *et seq.* As such, it provides sanitary sewer collection and treatment services to a service area that includes the lands generally located at the southwest corner of Route 12 and Route 120, which property is located in the Village of Lakemoor and legally described in Exhibit A attached hereto and made a part hereof (the **"Property"**), which Property is commonly known as "Lakemoor Commons."

**B.** District Ordinance No. 07-12, entitled "An Ordinance Establishing Charges for the Connection to the Sewerage System of the Northern Moraine Wastewater Reclamation District, Lake and McHenry Counties, Illinois" (as amended by District Ordinance No. 08-11 and District Ordinance 20-02, the **"Connection Fee Ordinance"**), provides that connection fees for non-residential structures shall be based upon population equivalent (**"P.E."**) "as determined by the District from the proposed wastewater discharge strength and volume" and it provides for the payment of minimum connection fees based upon water meter sizes.

**C.** Woodman's owns, in addition to other portions of the Property, that portion of the Property upon which it has constructed a Woodman's Food Market; a fuel center, convenience store and quick-lube facility; and a car wash (the **"Car Wash"**). The Car Wash was constructed by Woodman's to contain, and it currently contains, two car wash bays (the **"Initially-Constructed Car Wash Bays"**).

**D.** Prior to the construction of the Car Wash, Woodman's, pursuant to the Connection Fee Ordinance as it then existed, and based on its plan to install a 1.5" water meter for the Car Wash, paid the District a connection fee for the Car Wash in the amount of \$32,465 (the **"Initial Connection Fee"**). The Village of Lakemoor (the **"Village"**), however, supplied a 2" water meter for the Car Wash and that is what was installed and is now in use at the Car Wash.

**E.** In 2019, Woodman's connected the Car Wash to the District's facilities and opened the Car Wash for business to the public. Since its opening, the Car Wash has been utilizing, on average, approximately 70 P.E. of water each month (the **"Average Monthly Water Usage"**), which is a greater usage than the Parties estimated at the time Woodman's paid the Initial Connection Fee.

**F.** Woodman's now seeks to improve the Car Wash to meet market demand by constructing a third car wash bay at such facility (the **"Third Car Wash Bay"**) and to connect that Third Car Wash Bay to the District's facilities.

**G.** Because the Average Monthly Water Usage of the Initially-Constructed Car Wash Bays exceeds the amount of monthly water usage that was assumed by the Parties at the time Woodman's paid the Initial Connection Fee and because a 2" water meter was installed at the Car Wash when the Parties assumed that a 1.5" water meter would be installed, a dispute has arisen between them as to the amount of the

required connection fee for the Initially-Constructed Car Wash Bays, and as to the amount of the connection fee that is now due the District for the Third Car Wash Bay.

**H.** The Parties have resolved this dispute and now seek to document that resolution with this Agreement, which Agreement the District finds to be consistent with the terms of the Connection Fee Ordinance.

**NOW, THEREFORE**, for and in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties agree as follows:

1. **Incorporation of Recitals.** The Parties hereby acknowledge the truth and accuracy of the foregoing recitals and do hereby incorporate them into this Agreement as if restated in their entirety in this Paragraph 1.

2. **Payment of Additional Connection Fee for Initially-Constructed Car Wash Bays.** Not later than 30 days after the Effective Date of this Agreement, Woodman's will pay the District an additional connection fee for the Initially-Constructed Car Wash Bays in the amount of \$119,015.00, which amount reflects (a) the amount of the connection fee due under the District Connection Fee Ordinance, as the same existed as of the date of payment of the Initial Connection Fee, (b) the Average Monthly Water Usage for the Initially-Constructed Car Wash Bays (i.e., 70 P.E.), and (c) a credit for the previously paid Initial Connection Fee. The District, subject to the provisions of Paragraph 4 below, agrees to accept such payment in full and final settlement of any and all claims it has made or could make for the payment of additional connection fees for the Initially-Constructed Car Wash Bays.

3. **Payment of Connection Fee for Third Car Wash Bay.** Concurrently with its payment of the additional connection fee described above, Woodman's shall pay the District a connection fee for the Third Car Wash Bay in the amount of \$108,220, which amount reflects the connection fee due under the District Connection Fee Ordinance as of the Effective Date of this Agreement and an assumed average monthly water usage for the Third Car Wash Bay of 35 P.E. The District acknowledges and agrees that the 2" water meter installed at the Car Wash can and will remain in place to serve the Car Wash, as it is improved by the addition of the Third Car Wash Bay.

4. **One-Time Look-Back and Potential Recalculation of Connection Fees Due.** After the one-year anniversary of the date the Third Car Wash Bay is placed into service, as evidenced by the issuance of a certificate of occupancy therefor by the Village, the Parties shall jointly identify a twelve-month period for them to assess the amount of water being used at the Car Wash each month. If the Parties determine, after disregarding the months with the highest rate of water usage and the lowest rate of water usage, that the Car Wash, on average, is utilizing fewer than 105 P.E. of water per month, no additional connection fees for either the Initially-Constructed Car Wash Bays or the Third Car Wash Bay shall be due the District. If, however, the Parties determine, after disregarding the months with the highest rate of water usage and the lowest rate of water usage, that the Car Wash, on average, is utilizing more than 105 P.E. of water per month, Woodman's shall pay the District, not later than 30 days after the date the Parties make such determination, an additional connection fee in an amount determined by multiplying the amount of the additional P.E. by \$3,092, which is the amount of the District's connection fee as of the Effective Date of this Agreement (unless the District's then-current connection fee is a lower amount, in which event such calculation shall be undertaken using such lower amount). By way of example, if the Parties determine that the Car Wash, on average, is utilizing 110 P.E. of water per month, Woodman's shall pay the District an additional connection fee of \$15,460 (5 P.E. x \$3,092 = \$15,460). Under no circumstances shall Woodman's be due a refund of previously paid connection fee amounts in the event the Parties determine, after undertaking the aforesaid review of monthly water usage, that the Car Wash, on average, is utilizing fewer than 105 P.E. of water per month.

5. **Remedies.** The District shall have no obligation to issue Woodman's a permit to connect the Third Car Wash Bay to the District facilities unless and until Woodman's shall have paid in full to the District the amounts due under Paragraphs 2 and 3 above. In the event that Woodman's fails to pay the amount due under Paragraph 2 above or any amount that may come due under Paragraph 4 above, the District shall have all legal and equitable rights and remedies available to it; provided, however, that the District agrees to notify Woodman's in writing of such failure at least five business days prior to exercising any such rights or remedies. Nothing in this Agreement limits the rights of either the District or Woodman's to seek remedies or assert defenses available to them under applicable State law or District ordinances.

6. **Miscellaneous.**

A. The Parties represent that they have the legal authority to enter into this Agreement and that they have taken all actions required by law to make this Agreement enforceable.

B. This Agreement shall be interpreted under and governed by Illinois law.

C. This Agreement constitutes the entire agreement between the Parties relative to the subject matters stated herein. All prior discussions, understandings, communications, and agreements are expressly merged herein and superseded hereby.

D. If any provision of this Agreement is held to be invalid or unenforceable, such provision shall be deemed to be excised herefrom and such invalidity or unenforceability shall not affect the validity or enforceability any of the other provisions contained herein.

E. This Agreement is executed by the Parties for purposes of resolving all matters between them relating to the payment of connection fees for the Two Initially-Constructed Car Wash Bays and the Third Car Wash Bay. Nothing in this Agreement shall constitute or be construed to be an admission of any liability or an admission of the correctness of any statement or position that either Party has taken prior to the Effective Date of this Agreement.

F. The Parties agree to cooperate with one another and take such further action as may be necessary to effectuate the terms and purposes of this Agreement.

G. This Agreement may be executed in counterparts, and any number of counterparts signed in the aggregate by the Parties shall constitute a single, original instrument. The signatures of the Parties by facsimile and e-mail shall be binding.

H. The **"Effective Date"** of this Agreement shall be the date of its execution by the District.

I. Amendments to this Agreement shall be in writing and signed by the Party to be charged.

***[Signature page to follow.]***

The Parties have executed this Agreement as of the dates set forth below their respective signatures, to be effective as of the Effective Date.

**NORTHERN MORaine WASTEWATER RECLAMATION DISTRICT**, an Illinois Sanitary District      **WOODMAN'S FOOD MARKET, INC., a** Wisconsin corporation

By: \_\_\_\_\_  
Kenneth A. Michaels, Jr., President

By: \_\_\_\_\_  
Clint Woodman, President

ATTEST:

Date: \_\_\_\_\_

By: \_\_\_\_\_  
Deborah Martin, District Clerk

Date: \_\_\_\_\_

## EXHIBIT A

### Legal Description of the Property





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

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### **AGENDA ITEM # 10B**

<b><u>Meeting Date:</u></b>	September 14, 2021
<b><u>Item:</u></b>	Acceptance of the Annual Audit
<b><u>Staff Recommendation:</u></b>	Motion to Accept the Annual Audit as presented by Lauterbach & Amen, LLP for the Fiscal year ended on April 30, 2021
<b><u>Staff Contact:</u></b>	Mohammed M. Haque, District Manager

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#### **Background:**

Lauterbach & Amen, LLP have completed the annual audit of the District's financial statements for the fiscal year ended April 30, 2021. This was their third year preparing the District's audit and incorporated the aggregation of our Funds. Given their familiarity with our financials, the process was smooth, with the exception of a delay they had as a result of COVID related issues and conversion of their data systems. However, they went out of their way to meet a September deadline to ensure that we can file our audit by our October submission deadlines to the State.

I remain impressed with their comprehension of the District's finances and to do a thorough job in a remote setting. Someone from Lauterbach & Amen will be present via Zoom for the meeting.

#### **Recommendation**

It is the District Manager's recommendation that the board accept the Annual Audit for the Fiscal year ended April 30, 2021

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

Simple Majority via a Roll Call Vote





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

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### **AGENDA ITEM # 10C**

<b><u>Meeting Date:</u></b>	September 14, 2021
<b><u>Item:</u></b>	Approve Resolution Authorizing FEMA BRIC Grant Application for Holiday Hills/Le Villa Vaupel
<b><u>Staff Recommendation:</u></b>	Motion to Approve Resolution Authorizing Application for Grant Funds Through the Building Resilient Infrastructure and Communities (BRIC) Program for Holiday Hills Sewer Extension Project
<b><u>Staff Contact:</u></b>	Mohammed M. Haque, District Manager

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#### **Background:**

Through the efforts of Tryon Government Consulting, the District met with the McHenry County Board Chairman, Michael Buehler and County Administrator Peter Austin on Tuesday, September 7 to discuss any potential assistance the County could provide for the completion of the project to serve residents of Holiday Hills and Le Villa Vaupel. The County was very receptive and has some avenues to pursue, one of which is BRIC grants. The County engages an organization by the name of R1Planning to apply for grants. The County has authorized R1Planning to work with us on this application and the County is covering the cost of this application. We remain optimistic of this grant application that would provide a 75% grant (25% matching) for costs related to building resilient communities. R1Planning feels that our project is a perfect fit for this grant.

The attached resolution gives staff the flexibility to get this grant application completed and entered before the September 30, 2021 deadline. The costs associated with our work is currently limited to engineering hours and staff time.

#### **Recommendation:**

It is staff recommendation to Approve Resolution Authorizing Application for Grant Funds Through the Building Resilient Infrastructure and Communities (BRIC) Program for Holiday Hills Sewer Extension Project

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

Simple Majority via a Roll Call Vote



**NORTHERN MORAINÉ WASTEWATER RECLAMATION DISTRICT**

**RESOLUTION NO. \_\_\_\_\_**

**RESOLUTION AUTHORIZING APPLICATION FOR GRANT FUNDS THROUGH  
THE BUILDING RESILIENT INFRASTRUCTURE AND COMMUNITIES (BRIC)  
PROGRAM FOR HOLIDAY HILLS SEWER EXTENSION PROJECT**

**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 sanitary sewerage services and is a designated management agency for providing sanitary sewage collection, transport, and treatment services within the approximately 16,700-acre Northern Moraine Facilities Planning Area (the “***FPA***”), which is located in Lake and McHenry Counties, Illinois; and

**WHEREAS**, the Village of Holiday Hills (the “***Village***”) is located within the FPA, but it is not currently within or contiguous to the corporate limits of the District; and

**WHEREAS**, the Village is currently unsewered, and private septic systems in the Village often leak septage creating environmental hazards for neighboring properties as well as lakes, rivers, and other waterways, which include sources for potable water for many residents within the region; and

**WHEREAS**, the District and the Village have approved an intergovernmental agreement (“***IGA***”) for extending the District’s sanitary sewer system facilities (the “***District System***”) to the Village (the “***Extension Plan***”); and

**WHEREAS**, in order to defray the cost of the Extension Plan, the District desires to apply for grant funding through the Building Resilient Infrastructure and Communities (“***BRIC***”) Program; and

**WHEREAS**, the President and Board of Trustees of the District (the “***District Board***”) have determined that it is in the best interest of the District, its residents, properties in the FPA over which the District is a designated management agency, the residents of Holiday Hills and the

adjacent Le Villa Vaupell subdivisions, and the residents and communities along the Fox River pursue grant funding through the BRIC Program to help fund the Extension Plan;

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

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

**SECTION TWO: Approval and Authorization to Pursue BRIC Funding.** The District Board hereby approves the District's pursuit of grant funding through the BRIC Program. In furtherance of this approval, the District Board authorizes and directs the District Manager to take any and all actions on behalf of the District in order to apply for such grant funding. In addition, subject to consent of the District President, the District Manager is authorized to take any other action consistent with the approval and authorization herein.

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

PASSED THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2021.

AYES:        ( )

NAYS:        ( )

ABSENT:     ( )

APPROVED THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2021.

\_\_\_\_\_  
President

ATTEST:

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

Category	Water Infrastructure, Broadband, Microgrid
Agency & Program	US Dept. of Homeland Security, FEMA Building Resilient Infrastructure and Communities (BRIC) - FY 2021
Application Deadline	State of Illinois Deadline: TBD, NOFO and Application should be out in <u>September</u> *** Federal Deadline: January 28, 2022
Award Range	SEE NOFO
Match Required	Yes – 25%
Match Type	Nonfederal cash, donated or third-party in-kind services, materials, or any combination thereof. <i>Innovative use of public and private sector partnerships to meet the match is encouraged.</i>
Funder Website	<a href="https://www.fema.gov/grants/mitigation/building-resilient-infrastructure-communities">https://www.fema.gov/grants/mitigation/building-resilient-infrastructure-communities</a>
Link to Notice of Funding Opportunity (NOFO)	<a href="https://www.grants.gov/web/grants/search-grants.html?keywords=BRIC">https://www.grants.gov/web/grants/search-grants.html?keywords=BRIC</a>
Summary	<p>The purpose of this program is to provide support to communities for hazard mitigation activities that promote <u>climate adaptation and resilience</u> with respect to the <u>growing hazards</u> associated with climate change. The guiding principles of the program are to support recipients through <u>capability and capacity building</u> to enable them to identify mitigation actions and implement projects that reduce risks posed by natural hazards. Awards will also support other strategic objectives of the funding agency and align with the general goal of promoting resilience and adaptation in light of current risks, including those posed by climate change.</p> <p>The program priorities are to: Incentivize natural hazard risk reduction activities that mitigate risk to public infrastructure and disadvantaged communities as referenced in <u>Executive Order 14008</u>; Mitigate risk to one or more community lifelines; Incorporate nature-based solutions; Enhance climate resilience and adaptation; Increase funding to applicants that facilitate the adoption and enforcement of the latest published editions of building codes.</p> <p>Financial assistance awards will be provided for the following activities</p> <ul style="list-style-type: none"> <li>• <u>Capability and capacity building (C&amp;CB)</u>: activities that enhance the knowledge, skills, and expertise of the current workforce to expand or improve the administration of mitigation assistance</li> <li>• <u>Mitigation projects</u>: cost-effective projects designed to increase resilience and public safety, reduce injuries and loss of life, and reduce damage and destruction to property, critical services, facilities, and infrastructure</li> </ul>

Fed. Infrastructure Bill → possibly Grant program for \$59 million.

127 N Wyman St, Suite 100, Rockford, IL 61101 | 815-319-4180 | info@r1planning.org

[www.r1planning.org](http://www.r1planning.org)





	<ul style="list-style-type: none"> <li>• <u>Management costs:</u> financial assistance to reimburse for eligible and reasonable indirect costs, direct administrative costs, and other administrative expenses associated with a specific mitigation measure or project</li> </ul> <p>Applicants may also receive non-financial direct technical assistance from the funding agency to build a community's capacity and capability to improve its resiliency to natural hazards, and to ensure stakeholders are capable of building and sustaining successful mitigation programming, submitting high-quality applications, and implementing new and innovative projects that reduce risk from a wide range of natural hazards.</p> <p>Projects must be in conformance with all applicable environmental planning and historic preservation laws, regulations, executive orders, and agency policies. See pages 10-12 of the NOFO for additional requirements.</p>
<b>Eligibility &amp; Application Notes</b>	<p>Communities, including local governments, cities, townships, counties, special district governments, and tribal governments are considered subapplicants and must submit subapplications for financial assistance to their state applicant agency (<a href="#">IEMA</a>). Contact IEMA for information specific to Illinois' application process.</p> <p>Local governments are eligible may apply to the State of Illinois (IEMA) on behalf of individuals, businesses and non-profit organizations.</p> <p>All communities may submit one letter of interest for non-financial Direct Technical Assistance to FEMA-BRICDirectTechnicalAssistance@fema.dhs.gov no later than 3:00 PM Eastern Standard Time on January 28, 2022. There is no required format for the letter of interest, but it should contain the following information:</p> <ul style="list-style-type: none"> <li>• Point of contact information, including name, position, address, phone number, and email;</li> <li>• A description of the community's challenges and need for which the service is being requested; and</li> <li>• The extent of the community's capacity to assist in the non-financial Direct Technical Assistance activity and the staff available to commit to participate in the activity.</li> </ul>



**DHS-21-MT-047-00-99**  
**Fiscal Year 2021 Building Resilient Infrastructure and Communities (BRIC)**  
 Department of Homeland Security  
 Department of Homeland Security - FEMA

**GENERAL INFORMATION**

**Document Type:** Grants Notice  
**Funding Opportunity Number:** DHS-21-MT-047-00-99  
**Funding Opportunity Title:** Fiscal Year 2021 Building Resilient Infrastructure and Communities (BRIC)  
**Opportunity Category:** Discretionary  
**Opportunity Category Explanation:**  
**Funding Instrument Type:** Grant  
**Category of Funding Activity:** Other (see text field entitled "Explanation of Other Category of Funding Activity" for clarification)  
**Category Explanation:** The Robert T. Stafford Disaster Relief and Emergency Assistance Act, Public Law 93-288, as amended, (42 U.S.C. 5133), Section 203 authorizes FEMA to make grants for the purpose of implementing a sustained pre-disaster natural hazard mitigation program to reduce overall risk to the population and structures from future hazard events, while also reducing reliance on Federal funding from future disasters.  
**Expected Number of Awards:**  
**CFDA Number(s):** 97.047 -- BRIC: Building Resilient Infrastructure and Communities  
**Cost Sharing or Matching Requirement:** Yes

**Version:** Synopsis 3  
**Posted Date:** Aug 09, 2021  
**Last Updated Date:** Aug 09, 2021  
**Original Closing Date for Applications:** Jan 28, 2022  
**Current Closing Date for Applications:** Jan 28, 2022  
**Archive Date:** Feb 27, 2022  
**Estimated Total Program Funding:** \$1,000,000,000  
**Award Ceiling:** \$0  
**Award Floor:** \$0

**ELIGIBILITY**

**Eligible Applicants:** Native American tribal governments (Federally recognized)  
 State governments  
 Others (see text field entitled "Additional Information on Eligibility" for clarification)  
**Additional Information on Eligibility:** District of Columbia U.S territories

**ADDITIONAL INFORMATION**

**Agency Name:** Department of Homeland Security - FEMA  
**Description:** The Building Resilient Infrastructure and Communities (BRIC) program makes federal funds available to states, U.S territories, federally recognized tribal governments, and local communities for hazard mitigation activities. It does so with a recognition of the growing hazards associated with climate change<sup>1</sup>, and of the need for natural hazard risk mitigation activities that promote climate adaptation and resilience with respect to those hazards. These include both acute extreme weather events and chronic stressors which have been observed and are expected to increase in the future.  
**Link to Additional Information:** [askcsid@fema.dhs.gov](mailto:askcsid@fema.dhs.gov)  
**Grantor Contact Information:** If you have difficulty accessing the full announcement electronically, please contact:  
 Centralized Scheduling and Information Desk (CSID)  
 Phone: (800) 368-6498  
 E-mail: [askcsid@fema.dhs.gov](mailto:askcsid@fema.dhs.gov)  
[askcsid@fema.dhs.gov](mailto:askcsid@fema.dhs.gov)





Executive Committee

President Rick Mack  
Village of Ringwood  
MCCG President

Mayor Mark Kownick  
Village of Cary  
MCCG Vice-President

Mayor Wayne Jett  
City of McHenry  
MCCG Treasurer

President Debby Sosine  
Village of Algonquin  
MCCG Secretary

Vacant  
McHenry Township  
Chairman of the  
Finance Committee

Mayor John Koziol  
City of Marengo  
Chairman of the  
Legislative Committee

Mayor Michael Turner  
City of Woodstock  
Chairman of the  
Transportation Committee

Chairman Mike Buehler  
McHenry County Board  
Ex-Officio Member

Chalen Daigle  
Executive Director  
620 Dakota Street  
Suite 251  
Crystal Lake, IL 60012  
815-788-4390 (p)  
847-767-0440 (c)  
cdaigle@mchenrycountycog.org  
www.mchenrycountycog.org

# McHenry County Council of Governments

Please Join  
**Mayor Mark Kownick and the Village of Cary**  
for the McHenry County Council of Governments

**September Membership Meeting**  
Wednesday, September 22, 2021  
5:30 p.m. – 7:00 p.m.

**Alfresco Alley on Spring Street**  
**Downtown Cary**  
Cary, IL

**This is a social meeting.**

**Complimentary hors d'oeuvres and cash bar.**

**We look forward to seeing you there.**

**Parking is available downtown and free in the Metra parking lot.**

Algonquin · Barrington Hills · Bull Valley · Cary · Crystal Lake · Fox River Grove · Greenwood · Harvard · Hebron · Huntley ·  
Island Lake · Johnsburg · Lake in the Hills · Lakemoor · Lakewood · Marengo · McCullom Lake · McHenry  
McHenry County · McHenry Twp. · Prairie Grove · Richmond · Ringwood · Spring Grove · Trout Valley · Union ·  
Wonder Lake · Woodstock



## Northern Moraine Wastewater Reclamation District

## Bills Payable

As of September 14, 2021

	Type	Date	Num	Due Date	Open Balance
<b>ACCENT LANDSCAPE DESIGN</b>					
	Bill	09/01/2021	0821-049	10/01/2021	2,160.00
Total ACCENT LANDSCAPE DESIGN					2,160.00
<b>ACE HARDWARE OF LIBERTYVILLE INC</b>					
	Bill	08/12/2021	104186/8	09/11/2021	17.99
	Bill	08/16/2021	104181/8	09/15/2021	25.18
	Bill	08/20/2021	104285/8	09/19/2021	12.03
	Bill	09/09/2021	104520/8	10/09/2021	17.99
Total ACE HARDWARE OF LIBERTYVILLE INC					73.19
<b>AED PROFESSIONALS</b>					
	Bill	07/22/2021	85392	07/22/2021	1,957.00
Total AED PROFESSIONALS					1,957.00
<b>AEP ENERGY</b>					
	Bill	08/18/2021	3014418064 - August	08/18/2021	300.68
	Bill	08/18/2021	3014418053 - August	08/18/2021	37.32
	Bill	08/18/2021	3014418075 - August	08/18/2021	122.30
	Bill	08/18/2021	3014417973 - August	08/18/2021	62.08
	Bill	08/18/2021	3014418031 - August	08/18/2021	82.51
	Bill	08/18/2021	3014417984 - August	08/18/2021	93.79
	Bill	08/18/2021	3014417849 - August	08/18/2021	7,339.64
	Bill	08/18/2021	3014417962 - August	08/18/2021	47.52
	Bill	08/18/2021	3014418020 - August	08/18/2021	183.07
	Bill	08/18/2021	3014417995 - August	08/18/2021	85.32
	Bill	08/19/2021	3014417951 - August	08/19/2021	69.50
	Bill	08/19/2021	3014417917 - August	08/19/2021	110.77
	Bill	08/19/2021	3014417861 - August	08/19/2021	34.20
	Bill	08/20/2021	3014418042 - August	08/20/2021	299.41
	Bill	08/23/2021	3014417883 - August	08/23/2021	48.28
	Bill	08/23/2021	3014417850 - August	08/23/2021	56.66
	Bill	08/23/2021	3014417928 - August	08/23/2021	95.33
	Bill	08/23/2021	3014417894 - August	08/23/2021	44.18
	Bill	08/23/2021	3014417939 - August	08/23/2021	65.38
	Bill	08/23/2021	3014417940 - August	08/23/2021	294.78
	Bill	08/23/2021	3014417872 - August	08/23/2021	63.68
	Bill	08/23/2021	3014417906 - August	08/23/2021	357.48
	Bill	08/24/2021	3014418086 - August	08/24/2021	102.94
Total AEP ENERGY					9,996.82
<b>ALTERNATE POWER INDUSTRIES, INC.</b>					
	Bill	08/25/2021	2505	08/25/2021	201.35
	Bill	08/25/2021	2504	08/25/2021	295.28
Total ALTERNATE POWER INDUSTRIES, INC.					496.63
<b>AMAZON CAPITAL SERVICES</b>					
	Bill	08/14/2021	1JR3-QJ1M-X4HP	09/13/2021	14.99
	Bill	08/16/2021	1YX7-1TKQ-Q17P	09/15/2021	45.17
	Bill	08/17/2021	1FXW-Q1W9-JGNW	09/16/2021	92.15
	Bill	08/22/2021	1694-QWRY-9YCP	09/21/2021	1,107.00
	Bill	08/27/2021	1LYL-M4GJ-XWMK	09/26/2021	28.43
	Bill	08/31/2021	1GDC-ML1D-D3HD	09/30/2021	27.99
Total AMAZON CAPITAL SERVICES					1,315.73

## Northern Moraine Wastewater Reclamation District

## Bills Payable

As of September 14, 2021

	Type	Date	Num	Due Date	Open Balance
<b>AT&amp;T</b>					
	Bill	08/28/2021	815344832608	08/28/2021	1,506.63
Total AT&T					1,506.63
<b>AUTOMATION DIRECT</b>					
	Bill	08/16/2021	12499104	08/16/2021	2,969.00
	Bill	08/25/2021	12545748	08/25/2021	126.00
	Bill	09/07/2021	12593438	09/07/2021	91.00
	Bill	09/07/2021	12591113	09/07/2021	445.00
Total AUTOMATION DIRECT					3,631.00
<b>BHFX</b>					
	Bill	08/10/2021	400845	09/09/2021	50.00
	Bill	09/07/2021	402957	10/07/2021	29.54
Total BHFX					79.54
<b>BITSPEED CONSULTING, INC</b>					
	Bill	08/31/2021	10831	09/30/2021	508.00
Total BITSPEED CONSULTING, INC					508.00
<b>BLUECROSS BLUESHIELD OF ILLINOIS</b>					
	Bill	08/20/2021	Sept Statement	08/20/2021	113.16
Total BLUECROSS BLUESHIELD OF ILLINOIS					113.16
<b>BLUECROSS BLUESHIELD OF ILLINOIS</b>					
	Bill	08/24/2021	September Statement		14,850.73
Total BLUECROSS BLUESHIELD OF ILLINOIS					14,850.73
<b>BP</b>					
	Bill	09/04/2021	60683735	09/04/2021	301.66
Total BP					301.66
<b>BRUNN, TIMOTHY R</b>					
	Bill	09/14/2021	REG Mtg 09.14.2021	09/14/2021	200.00
Total BRUNN, TIMOTHY R					200.00
<b>BUCK BROS. INC</b>					
	Bill	07/16/2021	307212	07/16/2021	35.84
Total BUCK BROS. INC					35.84
<b>CHEMTRADE CHEMICALS CORPORATION</b>					
	Bill	08/23/2021	93188760	08/23/2021	5,800.53
Total CHEMTRADE CHEMICALS CORPORATION					5,800.53
<b>COM ED</b>					
	Bill	08/25/2021	3567414012	10/24/2021	75.28
	Bill	08/25/2021	3567415019	10/24/2021	161.83
Total COM ED					237.11
<b>COMCAST CABLE</b>					
	Bill	08/28/2021	September Charges	08/28/2021	313.95
Total COMCAST CABLE					313.95
<b>CORKILL INSURANCE</b>					
	Bill	06/09/2021	16895	06/09/2021	100.00
Total CORKILL INSURANCE					100.00
<b>COVALEN</b>					
	Bill	09/08/2021	70933	09/08/2021	3,247.00
Total COVALEN					3,247.00
<b>DEBORAH MARTIN</b>					
	Bill	09/01/2021	AUG REIMBURSEMENT	09/01/2021	23.46
Total DEBORAH MARTIN					23.46
<b>ED'S RENTAL &amp; SALES, INC</b>					
	Bill	08/20/2021	337216-2	08/20/2021	149.50
	Bill	09/01/2021	338665-2	09/01/2021	57.50
Total ED'S RENTAL & SALES, INC					207.00
<b>FIRST BANKCARD</b>					
	Bill	09/10/2021	AUGUST STMT	10/10/2021	1,081.24
Total FIRST BANKCARD					1,081.24
<b>GACRUX</b>					
	Bill	09/02/2021	1961	10/02/2021	720.00

## Northern Moraine Wastewater Reclamation District

## Bills Payable

As of September 14, 2021

	Type	Date	Num	Due Date	Open Balance
Total GACRUX					720.00
<b>GRAINGER</b>					
	Bill	08/06/2021	9014582366	08/06/2021	170.60
Total GRAINGER					170.60
<b>GRUNDFOS WATER UTILITY INC</b>					
	Bill	08/14/2021	1900269605	09/13/2021	2,520.00
Total GRUNDFOS WATER UTILITY INC					2,520.00
<b>H.T. STRENGER INC</b>					
	Bill	08/16/2021	I914344	08/16/2021	541.00
Total H.T. STRENGER INC					541.00
<b>ILLINOIS PUBLIC RISK FUND</b>					
	Bill	08/16/2021	67272	08/16/2021	4,690.00
Total ILLINOIS PUBLIC RISK FUND					4,690.00
<b>IN-PIPE TECHNOLOGY</b>					
	Bill	08/31/2021	1979	09/30/2021	2,500.00
Total IN-PIPE TECHNOLOGY					2,500.00
<b>INTERSTATE ALL BATTERY CENTER</b>					
	Bill	08/12/2021	1903701044978	08/12/2021	12.00
	Bill	08/26/2021	1903701045177	08/26/2021	148.75
Total INTERSTATE ALL BATTERY CENTER					160.75
<b>JACOB MANN</b>					
	Bill	09/14/2021	REG Mtg 09.14.2021	09/14/2021	200.00
Total JACOB MANN					200.00
<b>JOSEPH D FOREMAN &amp; CO</b>					
	Bill	08/31/2021	329720	09/30/2021	222.00
Total JOSEPH D FOREMAN & CO					222.00
<b>JOSEPH LAPASTORA</b>					
	Bill	09/13/2021	Reimbursement	09/13/2021	140.56
Total JOSEPH LAPASTORA					140.56
<b>JTS COATINGS</b>					
	Bill	03/08/2021	PO 21-482	03/08/2021	450.00
Total JTS COATINGS					450.00
<b>LEE JENSEN SALES CO INC</b>					
	Bill	08/30/2021	0012193-00	08/30/2021	780.00
Total LEE JENSEN SALES CO INC					780.00
<b>LOU'S GLOVES</b>					
	Bill	09/08/2021	042980	10/08/2021	1,145.00
Total LOU'S GLOVES					1,145.00
<b>LUKE MARKKO</b>					
	Bill	08/30/2021	Reimbursement	08/30/2021	79.52
Total LUKE MARKKO					79.52
<b>LURVEY SUPPLY</b>					
	Credit	07/13/2021	T2-10180573		-161.25
	Bill	06/11/2021	T2-10180573	07/11/2021	93.90
	Bill	06/11/2021	T2-10180569	07/11/2021	67.35
	Bill	06/23/2021	T2-10182231	07/23/2021	267.75
Total LURVEY SUPPLY					267.75
<b>MAC STRATEGIES GROUP, INC.</b>					
	Bill	09/04/2021	3652	09/04/2021	2,000.00
Total MAC STRATEGIES GROUP, INC.					2,000.00
<b>MCCANN INDUSTRIES INC</b>					
	Bill	08/25/2021	P24611	08/25/2021	135.85
Total MCCANN INDUSTRIES INC					135.85
<b>MCHENRY COUNTY RECORDER OF DEEDS</b>					
	Bill	08/20/2021	2021825-52	09/19/2021	275.00
Total MCHENRY COUNTY RECORDER OF DEEDS					275.00
<b>MCMMASTER CARR</b>					
	Bill	08/24/2021	63874944	09/23/2021	254.25
	Bill	08/31/2021	64240998	09/30/2021	361.24

## Northern Moraine Wastewater Reclamation District

## Bills Payable

As of September 14, 2021

	Type	Date	Num	Due Date	Open Balance
Total MCMASTER CARR					615.49
<b>MENARDS - FOX LAKE</b>					
	Bill	08/18/2021	7	09/17/2021	174.53
	Bill	08/24/2021	417	09/23/2021	132.17
Total MENARDS - FOX LAKE					306.70
<b>MICHAELS, KENNETH A</b>					
	Bill	09/14/2021	REG Mtg 09.14.2021	09/14/2021	350.00
Total MICHAELS, KENNETH A					350.00
<b>MILLIPORE SIGMA</b>					
	Bill	08/31/2021	10016417	08/31/2021	118.15
Total MILLIPORE SIGMA					118.15
<b>MOBILE LUBE EXPRESS, INC.</b>					
	Bill	09/08/2021	I010820	09/08/2021	1,294.17
Total MOBILE LUBE EXPRESS, INC.					1,294.17
<b>NEWCASTLE ELECTRIC INC</b>					
	Bill	09/03/2021	2465	09/03/2021	375.00
Total NEWCASTLE ELECTRIC INC					375.00
<b>NICOR GAS</b>					
	Bill	08/09/2021	2900 Spruce Terrace	08/09/2021	46.99
	Bill	08/09/2021	3923 Hale	08/09/2021	45.71
	Bill	08/09/2021	3390 Waterford	08/09/2021	50.94
	Bill	08/09/2021	3440 Hale	08/09/2021	44.85
	Bill	08/09/2021	2285 Walnut Glen	08/09/2021	43.98
	Bill	08/09/2021	2301 Fern	08/09/2021	44.85
	Bill	08/09/2021	230 S. Shore	08/09/2021	47.47
	Bill	08/09/2021	206 Fern Dr.	08/09/2021	45.71
	Bill	08/10/2021	2629 Wisteria	08/10/2021	137.99
	Bill	08/10/2021	420 Timber	08/10/2021	137.50
	Bill	08/10/2021	100 Rawson	08/10/2021	131.18
	Bill	08/10/2021	113 Timber	08/10/2021	41.63
	Bill	08/10/2021	27715 Rt 120 Lakemoo	08/10/2021	73.15
	Bill	08/11/2021	316 Venice	08/11/2021	47.07
	Bill	08/11/2021	500 Wegner	08/11/2021	58.88
	Bill	08/12/2021	32250 Darrell Rd	08/12/2021	64.90
	Bill	08/13/2021	127 South	08/13/2021	135.49
	Bill	09/08/2021	206 Fern Dr.	09/08/2021	86.08
	Bill	09/08/2021	230 S. Shore	09/08/2021	48.54
	Bill	09/08/2021	2301 Fern	09/08/2021	47.67
	Bill	09/08/2021	3923 Hale	09/08/2021	46.65
	Bill	09/08/2021	2285 Walnut Glen	09/08/2021	87.85
	Bill	09/08/2021	3440 Hale	09/08/2021	46.62
	Bill	09/08/2021	3390 Waterford	09/08/2021	52.82
	Bill	09/08/2021	2900 Spruce Terrace	09/08/2021	48.72
	Bill	09/09/2021	2629 Wisteria	09/09/2021	141.32
	Bill	09/09/2021	420 Timber	09/09/2021	136.67
	Bill	09/09/2021	100 Rawson	09/09/2021	136.08
	Bill	09/09/2021	113 Timber	09/09/2021	41.83
	Bill	09/09/2021	32250 Darrell Rd	09/09/2021	86.87
	Bill	09/10/2021	316 Venice	09/10/2021	57.47
	Bill	09/10/2021	500 Wegner	09/10/2021	94.06
Total NICOR GAS					2,357.54
<b>OLSON SERVICE CO</b>					
	Bill	08/20/2021	0078975	08/20/2021	757.55
Total OLSON SERVICE CO					757.55
<b>PDC LABORATORIES INC</b>					
	Bill	08/20/2021	I9477880	09/19/2021	270.85
	Bill	08/26/2021	I9478627	09/25/2021	140.00
	Bill	09/01/2021	I9479670	10/01/2021	140.00
	Bill	09/01/2021	I9480527	10/01/2021	270.85

## Northern Moraine Wastewater Reclamation District

## Bills Payable

As of September 14, 2021

	Type	Date	Num	Due Date	Open Balance
Total PDC LABORATORIES INC	Bill	09/14/2021	I9481006	10/14/2021	140.00
<b>PETERSON AND MATZ. INC.</b>					961.70
Total PETERSON AND MATZ. INC.	Bill	09/02/2021	090221DWS	10/02/2021	786.48
<b>PETTY CASH</b>					786.48
Total PETTY CASH	Bill	09/08/2021	REPLENISH 09/14/2021	09/08/2021	246.55
<b>POLYDYNE INC</b>					246.55
Total POLYDYNE INC	Bill	09/08/2021	1574677	10/08/2021	6,189.30
<b>RAGLAND, JOHN R</b>					6,189.30
Total RAGLAND, JOHN R	Bill	09/14/2021	REG Mtg 09.14.2021	09/14/2021	200.00
<b>READY FRESH BY NESTLE</b>					200.00
Total READY FRESH BY NESTLE	Bill	08/14/2021	01H0127320745	08/29/2021	133.77
<b>RYBERG, LYDIA</b>					133.77
Total RYBERG, LYDIA	Bill	09/14/2021	REG Mtg 09.14.2021	09/14/2021	200.00
<b>S.W. ELECTRONICS, INC.</b>					200.00
Total S.W. ELECTRONICS, INC.	Bill	08/09/2021	00020470	09/08/2021	960.00
<b>TAK TECHNOLOGY INC</b>	Bill	08/09/2021	00020469	09/08/2021	960.00
Total TAK TECHNOLOGY INC	Bill	08/09/2021	00020471	09/08/2021	600.00
<b>THE FLOLO CORPORATION</b>					2,520.00
Total THE FLOLO CORPORATION	Bill	08/25/2021	179402	09/24/2021	3,240.00
<b>THINK INK, INC.</b>					3,240.00
Total THINK INK, INC.	Credit	08/03/2021	450193		-402.65
<b>THIRD MILLENNIUM ASSOCIATES INC</b>	Bill	08/20/2021	450427	09/19/2021	2,904.89
Total THIRD MILLENNIUM ASSOCIATES INC					2,502.24
<b>TIMOTHY HENDRICKSON</b>					
Total TIMOTHY HENDRICKSON	Bill	08/03/2021	20210814	08/03/2021	73.96
<b>TROTTER AND ASSOCIATES, INC</b>					73.96
Total TROTTER AND ASSOCIATES, INC	Bill	08/31/2021	26675	08/31/2021	519.49
					519.49
	Bill	09/14/2021	Reimbursement	09/14/2021	169.95
					169.95
	Bill	07/31/2021	18775	07/31/2021	55,244.21
	Bill	07/31/2021	18776	07/31/2021	1,557.00
	Bill	07/31/2021	18777	07/31/2021	346.00
	Bill	07/31/2021	18772	07/31/2021	346.00
	Bill	07/31/2021	18773	07/31/2021	1,777.50
	Bill	08/18/2021	81774	08/18/2021	76.00
Total TROTTER AND ASSOCIATES, INC					59,346.71

## Northern Moraine Wastewater Reclamation District

## Bills Payable

As of September 14, 2021

	Type	Date	Num	Due Date	Open Balance
<b>TRYON GOVERNMENTAL CONSULTING</b>					
	Bill	08/20/2021	1201898	09/19/2021	3,000.00
Total TRYON GOVERNMENTAL CONSULTING					3,000.00
<b>UNITED HEALTHCARE</b>					
	Bill	08/24/2021	September Statement		530.61
Total UNITED HEALTHCARE					530.61
<b>USA BLUEBOOK</b>					
	Bill	07/28/2021	677036	07/28/2021	48.20
	Bill	08/02/2021	681486	09/01/2021	819.16
	Bill	08/03/2021	682879	09/02/2021	31.33
	Bill	08/06/2021	687522	09/05/2021	195.68
	Bill	08/13/2021	695307	09/12/2021	1,185.27
	Bill	08/17/2021	698054	09/16/2021	42.83
	Bill	09/13/2021	724333	10/13/2021	587.75
	Bill	09/13/2021	724657	10/13/2021	470.73
Total USA BLUEBOOK					3,380.95
<b>VERIZON</b>					
	Bill	08/18/2021	9885626748	09/17/2021	523.17
Total VERIZON					523.17
<b>VERIZON CONNECT NWF, INC.</b>					
	Bill	08/01/2021	OSV000002530598	08/31/2021	141.00
Total VERIZON CONNECT NWF, INC.					141.00
<b>VIKING CHEMICAL COMPANY</b>					
	Bill	08/04/2021	115001	09/03/2021	1,138.54
	Bill	08/17/2021	115576	09/16/2021	1,583.00
	Bill	08/31/2021	116342	09/30/2021	1,512.74
	Bill	09/08/2021	116766	10/08/2021	1,263.01
Total VIKING CHEMICAL COMPANY					5,497.29
<b>VILLAGE OF ISLAND LAKE</b>					
	Bill	05/31/2021	STMT 05.31.2021	06/15/2021	120.00
	Bill	06/30/2021	STMT 06.30.2021	07/15/2021	435.00
	Bill	07/31/2021	STMT 07.31.2021	08/15/2021	850.00
Total VILLAGE OF ISLAND LAKE					1,405.00
<b>WASTE MANAGEMENT</b>					
	Bill	08/31/2021	3730026-2013-7	08/31/2021	491.87
Total WASTE MANAGEMENT					491.87
<b>WAUCONDA CAR WASH</b>					
	Bill	07/31/2021	101735	07/31/2021	59.96
Total WAUCONDA CAR WASH					59.96
<b>TOTAL</b>					<b>163,528.85</b>

Kenneth A. Michaels, Jr., President

Date

Deborah Martin, District Clerk

Date