

AGENDA REGULAR MEETING 7:30 P.M. – November 9, 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 October 12, 2021
- 4. TREASURER'S REPORT
- 5. PUBLIC COMMENTS
- 6. MANAGER'S REPORT
 - a. Operations Report
 - b. Engineering Report
 - c. Delinquent Accounts Report
 - d. Mid-Year Fiscal Report and Project Adjustments
- 7. TRUSTEE REPORTS
- 8. LEGAL BUSINESS
- 9. OLD BUSINESS
- **10. NEW BUSINESS**
 - a. Approval of District Workers Compensation Insurance Policy Renewal
 - b. Approval of Employee Health Insurance Coverage Renewal
 - c. Approval of Hiring of Financial Consultant
 - d. Approval of Ordinance Authorizing the Borrowing Funds from the Water Pollution Control Loan Program for the Holiday Hills / Le Villa Vaupel Project
 - e. Adoption of 2021-2022 Tax Levy Ordinance
 - f. Acceptance of Bids for WWTP Access Drive Improvements Project
 - g. Approval of Amendment to Contract for Chlorination & Dechlorination Chemicals

Posted to <u>www.nmwrd.org</u> – November 5, 2021







11. MISCELLANEOUS CORRESPONDENCE

a. McHenry User Rate Increase Article

12. APPROVAL OF BILLS

13. OTHER BUSINESS

a. Executive Session - Personnel, if needed

Posted to www.nmwrd.org - October 8, 2021





NORTHERN MORAINE WASTEWATER RECLAMATION DISTRICT

113 Timber Trail, Island Lake, Illinois 60042

REGULAR MEETING MINUTES

October 12, 2021

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

Present: <u>Trustees:</u> John Ragland, Jacob Mann, Timothy Brunn, Ken Michaels

<u>District Manager:</u> Mohammed Haque; <u>District Clerk:</u> Deborah Martin

Others: <u>District Superintendent</u>: Luke Markko; <u>District Engineer</u>: Joe Lapastora; Scott Trotter: Trotter and Associates, Inc.

President Michaels called the meeting to order at 7:42 p.m. President Michaels stated that the meeting is also being recorded and broadcast through Zoom.

1. CALL TO ORDER:

Roll Call: Timothy Brunn – Present

Jacob Mann – Present John Ragland – Present Lydia Ryberg – Absent Ken Michaels – Present

2. PLEDGE OF ALLEGIANCE:

Those present recited the Pledge of Allegiance.

3. PRESENTATION & APPROVAL OF MINUTES:

a. Regular Meeting, September 14, 2021

Motion by Trustee Brunn to approve the Regular Meeting minutes of September 14, 2021 as presented. 2nd by Trustee Ragland

Roll Call Vote: Timothy Brunn - Aye

Jacob Mann - Aye John Ragland - Aye Lydia Ryberg – Absent Ken Michaels – Aye

4 ayes 0 nays 1 absent MOTION CARRIED

4. TREASURER'S REPORT:

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

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

Motion by Mr. Brunn to approve the Treasurer's Report for month ending August 31, 2021 as presented. 2nd by Trustee Mann

Roll Call Vote: Timothy Brunn – Aye

Jacob Mann - Aye John Ragland - Aye Lydia Ryberg – Absent Ken Michaels – Aye



5. PUBLIC COMMENTS: none

6. MANAGER'S REPORT:

The District's new televising van was available for Board Members to inspect.

Superintendent Markko reported to the Board that the pumps used in the low-pressure system in parts of Port Barrington, continue to be of particular concern. There is a shortage of pumps and our supplier, Covalen, is a supplier for Northern Illinois and all of Indiana. Staff have begun looking outside of Covalen's territory to find alternate suppliers to purchase from and have found some success with a supplier in Southern Wisconsin. Superintendent Markko asked if the Board had any questions on his Operations Report that was included in the Board packets. With no questions, Superintendent Markko turned the floor over to District Engineer Joe Lapastora. Mr. Lapastora reported that through the month of September, more progress was made for the Holiday Hills/Le Villa Vaupell project including Lift Station wetland investigation/flagging performed by Midwest Ecological and soil boring work was completed by SEECO Consultants. Trotter and Associates have completed their initial topographic survey, designed a preliminary sanitary sewer layout, and have nearly completed the lift station design. With no questions for Mr. Lapastora, District Manager Haque then gave a summary of his Manager's Report to the Board. Manager Haque informed the Board that he is working with Mike Tryon to have a plan in place for when Mr. Tryon retires. Manager Haque told the Board that the State Revolving Loan Fund priority listing has four future District projects on it. The current SRF priority listing indicates that there may potentially be principal forgiveness in future SRF loans. Mr. Haque informed the Board that a sewer connection fee calculation was worked out between our District attorney and Woodman's attorney, that takes into consideration the past sizing discrepancy as well as the additional PE that is needed for the 3rd stall on the expansion for the Woodman's car wash. The IEPA permit, connection fee and signed agreement were received. Manager Haque also informed the Board that a trustee from the Village of Port Barrington called asking if the District would consider collecting the vehicle sticker fees for the Village in exchange for compensation. The District has decided that any income this service would generate would not be in excess of staff effort and would not be worthwhile.

- 7. TRUSTEE REPORTS none
- 8. LEGAL BUSINESS none
- 9. OLD BUSINESS none

10. NEW BUSINESS

a. Adopt a Resolution Approving Agreement for Control Building Electrical Upgrades

Motion by Mr. Ragland to award the bid to the lowest responsible and responsive bidder, Pieper Electric, in the amount of \$502,000 for Control Building Electrical Upgrades and to adopt a resolution authorizing the District Manager to execute an agreement with Pieper Electric to perform work as outlined in the Control Building Electrical Upgrades Bid.

2nd by Mr. Brunn

Roll Call Vote: Timothy Brunn - Aye

Jacob Mann – Aye John Ragland – Aye Lydia Ryberg – Absent Ken Michaels – Aye



b. Approval of Annual Treasurer's Report for Fiscal Year 2020-2021

Motion by Mr. Brunn to Approve the Annual Treasurer's Report for the fiscal year ending on April 30, 2021 and authorize the District Clerk to make the report available pursuant to State Statutes.

2nd by Mr. Ragland

Roll Call Vote: Timothy Brunn - Aye

Jacob Mann – Aye John Ragland – Aye Lydia Ryberg – Absent Ken Michaels – Aye

4 ayes 0 nays 1 absent MOTION CARRIED

c. Adopt a Resolution Approving Agreement for Engineering Services for 2021 Funding Assistance Motion by Mr. Brunn to Adopt a Resolution Approving a Service Agreement with Trotter and Associates, Inc. in the amount of \$85,200 for Engineering Services for 2021 Funding Assistance and Authorize the District Manager to execute the Agreement.

2nd by Mr. Mann

Roll Call Vote: Timothy Brunn - Aye

Jacob Mann – Aye John Ragland – Aye Lydia Ryberg – Absent Ken Michaels – Aye

4 ayes 0 nays 1 absent MOTION CARRIED

d. Adopt a Resolution Approving Agreement for Engineering Services for Darrell Road Phase 1A Headworks Design

Motion by Mr. Brunn to Adopt a Resolution to Approve a Services Agreement with Trotter and Associates, Inc. in the amount of \$180,300 for Engineering Design and Bidding Services for the Darrell Road Phase 1A Headworks and Authorize the District Manager to execute the Agreement.

2nd by Mr. Ragland

Roll Call Vote: Timothy Brunn - Aye

Jacob Mann – Aye John Ragland – Aye Lydia Ryberg – Absent Ken Michaels – Aye

4 ayes 0 nays 1 absent MOTION CARRIED

e. <u>Adopt a Resolution Approving Addendum #2 for the Control Building Electrical Upgrades – Construction Engineering</u>

Motion by Mr. Brunn to Adopt a Resolution to Approve Addendum #2 of the Service Agreement with Trotter and Associates, Inc. in the amount of \$32,400 for Control Building Electrical Upgrades – Construction Engineering and Authorize the District Manager to execute the Agreement.

2nd by Mr. Mann

Roll Call Vote: Timothy Brunn - Aye

Jacob Mann – Aye John Ragland – Aye Lydia Ryberg – Absent Ken Michaels – Aye



f. <u>Adopt a Resolution Approving Engineering Services contract for Access Drive Improvements</u>
Motion by Mr. Ragland to Adopt a Resolution to Approve a Service Agreement with Trotter and Associates, Inc. in the amount of \$12,300 for Access Drive Improvements for the plant and Authorize the District Manager to execute the Agreement

2nd by Mr. Brunn

Roll Call Vote: Timothy Brunn - Aye

Jacob Mann – Aye John Ragland – Aye Lydia Ryberg – Absent Ken Michaels – Aye

4 ayes 0 nays 1 absent MOTION CARRIED

g. <u>Adopt a Resolution Approving Agreements to Bind Coverage for Property, Liability, Automobile, Crime, Inland Marine Coverage and Flood Insurance</u>

Motion by Mr. Brunn to Adopt a Resolution to Approve entering into policy agreements with Illinois Counties Risk Management Trust for Property, Liability, Automobile, Crime and Inland Marine Coverage for an amount of \$30,992 from December 1, 2021 to December 1, 2022; CFC Underwriting / Lloyds for Cyber Liability Coverage for an amount of \$3,050 from December 1, 2021 to December 1, 2022; Selective Insurance Company for Flood Insurance for an amount of \$20,418 from December 1, 2021 to December 1, 2022; and Corkill Insurance for an Agency Fee of \$8,000 from December 1, 2021 to December 1, 2022, and to authorize the District Manager to execute agreements to bind coverage.

2nd by Mr. Ragland

Roll Call Vote: Timothy Brunn - Aye

Jacob Mann – Aye John Ragland – Aye Lydia Ryberg – Absent Ken Michaels – Aye

4 ayes 0 nays 1 absent MOTION CARRIED

h. Adopt a Resolution Approving Employee Health Insurance Coverage Renewal

Manger Haque informed the Board that renewal information for NMWRD Employee Health Insurance Coverage Policy Renewal was not received in time for this Board Meeting and would be available at next month's Board Meeting. No action taken.

i. Adopt a Resolution to approve Revisions to NMWRD's Employee Policy Manual

Motion by Mr. Brunn to Adopt a Resolution to Approve revisions to the Employee Policy Manual that include whistleblower protections, sexual harassment policy revisions and office safety revisions. 2nd by Mr. Mann

Roll Call Vote: Timothy Brunn - Aye

Jacob Mann – Aye John Ragland – Aye Lydia Ryberg – Absent Ken Michaels – Aye



<u>i.</u> Adopt a Resolution Authorizing Hiring of Financial Consultant

Manger Haque informed the Board that with all of the Grants and projects the Board is putting together, he felt it would be wise for the Board to consider hiring a Financial Consultant to keep track of grant money and expenditures. He reported that he would have more information at the next Board Meeting. No action taken.

11. MISCELLANEOUS CORRESPONDENCE

a. MCCG Membership Meeting

The October MCCG Membership meeting will be held October 27, 2021 at Niko's Grill and Pub in Marengo. Cocktail Reception starts at 5:30 pm and Dinner begins at 6:30 pm. RSVP by October 22, 2021.

12. APPROVAL OF BILLS

Motion by Mr. Brunn to approve payment of bills for the October 12, 2021 bill list as presented, in the amount of \$299,255.27.

2nd by Mr. Ragland

Roll Call Vote: Timothy Brunn - Aye

Jacob Mann – Aye John Ragland – Aye Lydia Ryberg – Absent Ken Michaels – Aye

4 ayes 0 nays 1 absent MOTION CARRIED

13. OTHER BUSINESS - NONE

ADJOURNMENT

Motion by Mr. Brunn to adjourn the meeting at 8:33 p.m. 2nd by Mr. Ragland

1:55 PM Accrual Basis

Northern Moraine Wastewater Reclamation District Treasurer Report

As of September 30, 2021

Date

Date

	Sep 30, 21
ASSETS	
Current Assets	
Checking/Savings	
1015 · Cash on Hand	500.00
1016 · Chase - Checking	1,536,741.28
1018 · Chase - Savings	408,952.20
1020 · Blackhawk Checking	814,094.63
1030 · Blackhawk Savings	9.01
1060 · IL Epay Funds	92,696.17
1070 · JP Morgan Securities	6,289.71
Total Checking/Savings	2,859,283.00
Kenneth A. Michaels, Jr, President	Date

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

John Ragland, Treasurer

Deborah Martin, District Clerk

ater Reclamation District dget vs. Actual

September 30, 2021

Budget

\$ Over Budget

% of Budget

1:51 PM	Northern Moraine Wastewater I Profit & Loss Budget				
Accrual Basis	May 1, 202	I through Septer			
		May Can 24			
		May - Sep 21			
	Ordinary Income/Expense Income				
	2640 · Bond Proceeds	0.00			
	4010 · Property Tax Income	91,947.15			
	4090 · Replacement Tax Income	1,036.93			
	4300 · Sewer Permit Income	228,235.00			
	4500 · Sewer Usage Income 4510 · Connection Fees	1,149,153.59 319,501.00			
	4520 · Penalty Income	28,527.79			
	4600 · Refund Income	5,815.00			
	4730 · Interest Income	176.47			
	4900 · Miscellaneous Income	753.94			
	4910 · Hauled Waste Income	25,229.70			
	4930 · Engin. & Legal Rev. Fees	10,854.00			
	Total Income	1,861,230.57			
	Gross Profit	1,861,230.57			
	Expense Solovice	293,502.75			
	5000 · Salaries 5010 · Payroll Tax Expense	293,302.73			
	5020 · Payroll Expenses-other	375.00			
	5030 · Employee Insurance	69,448.59			
	5040 · Trainings & Seminars	3,848.44			
	5050 · Clothing Allowance	540.57			
	5060 · IMRF Employer Contribution Exp.	25,514.16			
	5110 · Maintenance-Buildings	17,363.39			
	5120 · Maintenance-Vehicles 5130 · Maintenance-Equipment	4,635.17 11.473.75			
	5140 · Maintenance-Utility System	15,846.89			
	5150 · Maintenance Supplies	819.02			
	5160 · Sludge Hauling	20,620.32			
	5210 · Operating Supplies	2,611.14			
	5220 · Motor Fuel & Lube	5,976.42			
	5230 ⋅ Vehicle Supplies 5240 ⋅ Lab Supplies	0.00 5,184.12			
	5245 · Miscellaneous Equipment	0.00			
	5250 · Small Tools	110.91			
	5255 · Chemicals Expense	50,198.84			
	5260 · Safety Equipment	6,973.04			
	5320 · General Insurance	30,398.00			
	5330 · Telephone Expense	16,375.10			
	5360 · Utilities 5361 · Security System	60,974.61 10,080.77			
	5380 · Rentals	814.00			
	5390 · Travel Expense	421.92			
	5410 · Software Support	13,699.23			
	5420 · Accounting Service	8,900.00			
	5430 · Professional Lab Testing	4,168.23			
	5435 · Julie Locate Expense	231.94			



NMWRD October 2021 Operations Report

November 5th, 2021 Prepared by: Luke Markko, Superintendent

Rising Lead Times & Prices - Presently we have taken one step forward and two steps back in this area. We have made positive progress with the eOne pumps serving over 200 residences in Port Barrington but continue to see rising lead times and costs in this and other areas. Wastewater collection and treatment commodities essential to operation are presenting very challenging logistics for the foreseeable future.

eOne Pumps - I am very happy and relieved to say that we now have 22 eOne pumps in our inventory. This will help us continue to provide services to the residents who depend on these pumps for sanitary sewer services for the short term. However, lead times continue to rise from 12 weeks to 16 weeks from placing an order. Orders will be made to build our inventory further to ride out the supply chain issues.



8 of 14 eOne pumps that were recently delivered.

- Vehicles The 2009 Ford F-450 Mini-Dump vehicle was budgeted for replacement and an order was submitted to have the replacement chassis built. However, we received correspondence that there is very real possibility that the vehicle may not even hit the assembly line to be built. The same goes for an F-250 pickup that was ordered. The ongoing microchip shortage that has been making news headlines for several months now is to blame according to the dealerships with the vehicle bid contracts.
- Polymer The District utilizes polymer in the dewatering stage of solids handling. It is mixed with the sludge prior to entering the centrifuge to promote water/solids separation prior to the biosolids being dried and then stored prior to farm application. We have seen no indication of price increases yet, but it can be expected to come soon, especially with a contracted bid price expiring this coming spring. Lead times have been climbing significantly. An order that was once fulfilled in a week went to 7 weeks, and is now at 12 weeks. Fortunately, polymer has a shelf life of about 6 months. Efforts are underway to place orders that will allow us to stockpile an inventory that can see us far into 2022.





Rising Lead Times & Prices cont...

Disinfection Chemicals – The District currently utilizes chemical addition for disinfection of the final effluent leaving the facility before it is reintroduced to the environment. This accomplished with Sodium Hypochlorite, essentially a concentrated bleach solution and Sodium Bisulfite, a chemical that is added to neutralize any remaining free chlorine in the water prior to discharge. These chemicals are critical in meeting our IEPA NPDES permit requirements for fecal coliform limits and residual chlorine limits. While there have not been any troubles with the Sodium Bisulfite yet, it can be expected to succumb to the lead time and cost increases we are seeing elsewhere. We have recently been informed by our supplier that they are experiencing price increases from their manufacturer that would take our \$1.06/gallon rate to \$1.55/gallon. The District currently uses approximately 55 gallons of Sodium Hypochlorite per day to disinfect the treated water leaving the facility. We are currently working to reduce that amount while still remaining in compliance with permit requirements for disinfection, while exploring pricing from other suppliers.

Sludge Conveyor Update - Following the success we have seen with our grain auger arrangement; we have decided to purchase an additional unit. While the conveyance of dewatered sludge has performed remarkably well, the method remains untested for the long-term. Original estimates for a conventional "wastewater" sludge conveyor in 2018 came in at around \$2,000 per linear foot. At 61 feet in length the District would have been looking at \$122,000 to purchase a conveyor, not including installation costs. The grain conveyors we are utilizing cost about \$12,000, and are self-supported on a mobile frame, so it makes sense to have a backup unit should we encounter issues with the original. Upon delivery, we will begin winterization protections for both conveyors. This will consist of a heat-trace wrap followed by an insulation jacket to prevent freezing during the winter months.

Sludge Hauling & Storage - The biosolids that have accumulated for the last six months were recently hauled to local farm fields where crops can make use of the abundant Nitrogen, Phosphorus, and Potassium. We learned that with our new sludge storage and conveyor arrangement, we have about 5 months of capacity in the new storage bay. With some simple modifications to allow for a little more vertical storage space, we will be able to increase that capacity further.



Nutrient rich biosolids ready for hauling.



Our grain auger has worked out well for it's first 6 months!





Painting – The District has recently contracted Allied Painting to recoat the South Clarifier cover, The aerator covers on the Oxidation Ditch, and the non-potable water basket strainer. This is the same company that recoated the North Clarifier cover last year. They have completed both the non-potable water (NPW) basket strainer and the South Clarifier cover and are approximately at 50% completion on the aerator covers.



South cover being pressure-washed.



Both clarifier covers with fresh coats of paint.



The NPW basket strainer after 23 years of service.



This strainer filters treated water for reuse in our facility.



Cleaned aerator cover prior to recoating.



The new coating will provide years of added protection.



RAS Control Panel Replacement – Update: Work is underway to replace the control panel for our Return Activated Sludge (RAS) control panel at the treatment plant. The RAS control panel operates pumps in a similar fashion to a lift station. In this case we are pumping settled sludge from the secondary clarifiers back to the oxidation ditch. This is a continuous process integral to the Activated Sludge treatment process employed by the District's treatment facilities. In previous reports it has been noted that there were some short-term upgrades made to the RAS station in 2016. These upgrades still utilized elements of the original construction dating back to 1998. The older portions of the system were deteriorating and had the potential to create an electrical safety hazard. The new control panel has been designed with operator safety as a top priority and will be integrated into the District's SCADA system for remote monitoring and alarming. The new panel has been installed and is controlling the operation of the pumps. Additional tie-ins to the SCADA system remain to be completed.



The old panel was a complete mess!



Low and high voltage components separated for safety.

Televising Van Put to Use – Operations staff have been trained in the use of the new televising van equipment and are becoming familiar with its operation. As we clean sanitary sewer mains each year, that cleaning will be followed by televising inspections to document the conditions of our collection system infrastructure. This will allow us to asses areas of concern that may need additional cleaning, remediation, or repair. The televising van can also be utilized to protect the District financially from any damages caused by construction activities in close proximity to our gravity mains. As we learn of projects like the recent work in the northern portion of Island Lake for its Water Supply Project, we can inspect the sanitary sewers before and after the project to ensure the integrity of our pipes has been maintained.



Pipeline inspection underway in construction zone.



Onboard water supply helps keep the job clean.











Treatment Plant Emergency Generator – Over the last several years, we have found ourselves making costly repairs to the generator that supplies emergency power in the event of an electrical outage. Installed in 1998, it has had the main controller replaced several times, and has had portions of those controllers replaces due to failure. Recently the contactor that supplies power to the block heater has failed, requiring a replacement part to be ordered. We will begin evaluating a suitable replacement and costs.

WEFTEC Operations Challenge - I was fortunate enough to participate in Operations Challenge (Ops Challenge) once again. I participated on one of the two teams that the Central States Water Environment Association (CSWEA) sponsors. Each year CSWEA gathers award winning operators from Minnesota, Wisconsin, and Illinois to assemble two four-person teams. Ops Challenge takes place at the annual Water Environment Federation Technical Exhibition & Conference (WEFTEC). This is a multinational competition at the world's largest water and wastewater conference (no pressure!). Ops Challenge can best be described as the wastewater Olympics. There are five events focusing on several categories. They are Process Control (written test & treatment plant simulator), Lab (laboratory analysis), Safety (confined space rescue and valve repair), Pump Maintenance (removal and tear-down of a submersible pump), and Collections (pipeline repair). CSWEA's two teams are offered two, three-day practice sessions (that's only six days of prep) before they head to the competition. This brings team building to a new level when you have eight competitors from IL, WI, & MN coming together and putting together a strategy to not only perform in all of these events quickly but work with precision to avoid penalties. To put things into perspective, many of the other teams consist of members that work at the same facility every day, or at least reside in the same state. This offers them far more practice opportunities. This year there were 17 teams competing in the same division as us. I'm thrilled to report that my team, the CSWEA Pumpers, took 2nd Place in the lab event at the competition! We also fared well in Process Control at 4th place. We placed 6th place overall which ties the highest any CSWEA team has ever ranked in Ops Challenge. Not only is Ops Challenge a fun way to showcase our talents, but it presents a great networking opportunity that has connected me with other wastewater professionals who have been and continue to be a great source of operational solutions and new ideas.



Lab work under pressure.





NMWRD Engineering Report

Date: November 5th, 2021 **Prepared by:** Joe Lapastora, E.I.T. – Staff Engineer

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

[Project Update] – The District continued to progress the HH/LVV project through the month of October through various efforts which started with a presentation to the Board of Trustees, delivered by Scott Trotter at the October Board Meeting. The presentation detailed the proposed phasing changes for the project due to an increased EOPC prompted by an increase in material and labor costs. Specifically, Scott suggested that phasing the project was the best course of action at this time. It was noted that Phase 1 would consist of installation of the lift station, forcemain, and sanitary sewer along Holiday Drive and Sunset Drive (i.e. the main "trunk" of the collection system for HH/LVV). Furthermore, TAI noted that the bid documents will include additive alternatives, where each alternative corresponds to the sewer segments that are not included in Phase 1 (i.e. the "branches" of the collection system for HH/LVV), beginning from the Southern tip of the project limits and moving North. It was also noted that the alternatives would be completed until funding runs out. As a result from the proposed project phasing, TAI has contacted the Infrastructure Financial Assistance Section of the IEPA to request a project plan amendment to split the currently approved project scope into two (2) phases. It is still the District's intent to bid Phase 1 this year, while submitting a Funding Nomination Form for Phase 2 if given approval of the amended project scope. This will be done so that the District can apply for other funding opportunities before bidding Phase 2. To date, TAI has completed their initial topographic survey, designed a preliminary sanitary sewer layout, and 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 October included project phasing effects on grant funding, future tailgate meetings, land acquisition for lift station, and additional funding opportunities. The alternate lift station site is still 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 contacted an appraiser in early November to request a proposal for the appraisal and will likely see the proposal in November. TAI will continue to perform its analysis on the alternate site feasibility in conjunction with the wetland investigation/flagging that was performed by Midwest Ecological. Pending the results of the wetland investigation that ultimately determines if the property is viable for construction, there may be some follow-up tasks including wetland delineation reporting, request for jurisdictional determinations and boundary concurrence, and wetland permitting that would need to be completed. TAI is in the process of assembling an IEPA Water Pollution Control Loan application which requires





an enacted loan authorizing ordinance, a legal opinion, and a resolution authorizing a staff member(s) to sign loan documents. These items are included in this month's Board Packet for Trustees to review. Regarding the geotechnical exploration that was performed during the month of September, TAI requested an additional boring and associated testing for one (1) location at the receiving pit. It is likely that SEECO will perform the additional Geotech work.

Control Building Electrical:

[Project Update] – The District previously entered into a grant agreement with IL DCEO for a grant amount totalling \$200,000. As part of the grant agreement, the District is required to submit monthly deliverables in the form of two (2) documents; Periodic Financial Reports (PFR) and Periodic Performance Reports (PPR) that detail project expenses and project timeline checkpoints that must be delivered to our grant manger. Finally, a bid advertisement was issued on July 27th, a pre-bid meeting was held on August 16th, and the bid opening that was held on September 16th at 1pm. The District awarded the contract to Pieper Electric and is currently awaiting receipt of the front-end bonds and insurance. A project timeline will be set once the aforementioned documents are received, and work will likely start in the coming months.

Asset Management:

[Project Update] — The District continued with Phase 2 implementation of our Asset Management Software (Cartegraph) during October. 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 the week of January 3rd. Since Phase 1 (completed in 2020) included the implementation of the District's Collection system, the District will look to incorporate the Cartegraph software on the dedicated televising laptop for streamlined data entry into our atlas housed directly in the Cartegraph software.

Sewer Televising & Cleaning Plan:

[Project Update] — Coinciding with the televising van delivery last month, District Staff Engineer, Joe Lapastora, and District Superintendent, Luke Markko, wasted little time setting up the televising equipment and software to prepare for cleaning and televising of the District's collection system. An NMWRD cleaning and televising plan has been created and approved 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 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. The District performed a few trial televising runs in early November that allowed District staff to familiarize themselves with the van and software operations. Note that all District Operators, including our Superintendent and Staff







Engineer are now NASSCO certified in LACP, MACP and PACP. All operators will receive additional training through the month of November and will continue televising. Joe and Luke will work together to create an SoP for District Operators to follow in an effort to maintain consistency of cleaning and televising efforts across all Operators.

Phosphorous Discharge Optimization Plan:

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

Reference Number	Task
2 B: i and ii	Optimize Chemical Addition
2-A: iii	SNRP Testing
2-C: i	Oxidation Ditch Additional Testing
2-C:11	Oxidation Ditch Optimization for BPR
72.	a. SRT Optimization
	b. Aeration Optimization
	c. Volume Analysis
	d. Recycle Streams Analysis
	e. VFAs analysis
	f. Determine Practiculity of Inline Analyze
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

Updated Action Items tracking from PDOP.





MS2 Bar Screen at Headworks:

[Project Update] – The District purchased a Headworks brand MS2 bar screen in April 2020 and the District requested a proposal for bidding services from TAI. District Staff met with TAI staff on November 5th for a Kickoff Meeting to discuss project planning overview and more updates will be provided on next month's Board Packet.

Wegner Road Storm Improvements (Lakemoor):

[Project Update] - TAI completed the second plan review on June 3rd 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.

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

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

Lakemoor Commons Outlot 5B (Lakemoor):

[Project Update] – Lakemoor Commons Lot 5B construction is underway which includes four (4) separate buildings. Chipotle (Building A) and Starbucks (Building D) are confirmed while Building B has a few confirmed tenants and Building C is still untenanted. On September 14th the District received payment for the remainder of connections fees and the sanitary sewer permit was issued. Sanitary sewer related construction started on September 20th. Berger Excavating (sanitary contractor) has wrapped up all sanitary sewer related runs and structures for the runs that tie into Starbucks and Chipotle. Note that the District received revised plans for an additional tie-in for building C that was not shown on the Civil plans. There will likely be one (1) more day of construction to perform new revisions. The revised plans also call for holding off on the install of the originally proposed grease traps that were proposed for building B and C until future tenants are determined.

Buona Beef Restaurant (Lakemoor):

[Project Update] – All sanitary related construction was completed in late July and manhole vacuum testing was performed on September 22nd with all manholes passing the testing requirements. Our district has determined that air testing is required for this project and District Staff Engineer, Joe Lapasora, will schedule the testing for this month. A final punchlist inspection walk will follow air testing and the District will issue a project closeout punchlist to Keystone/Berger before signing off and entering the three (3) year maintenance period. The opening date for Buona Beef has changed and is set to open in February of 2022.







Woodmans Car Wash 3rd Bay Extension (Lakemoor):

[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 Woodman's car wash 3rd bay expansion. The District had previously worked to establish an accurate connection fee for the 3rd 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 was finalized and paid by FoxArneson in late September. The sanitary sewer extension work was completed through two work-days in mid-October that included approximately 45' of pipe being tied into the existing private service line to serve the 3rd bay. The second day was simply focused on connecting the SDR 26 PVC private service line to the Schedule 40 PVC plumbing. The District will issue a formal acceptance letter in the coming weeks.







Backfill of pipe shown.



Pipe plugged & marked for plumbing connection.



Dollar General (Island Lake):

[Project Update] — The District received preliminary plans for a proposed Dollar General development located at the Southwest corner of the intersection of Route 173 and Water's Edge Road in Island Lake in September. The plans were accompanied by an escrow deposit check for plan/legal review and the plans were sent to TAI for review in early October. TAI provided comments of their initial review but will also be performing some follow-up review in the form of determining current capacity of the sewers and lift stations downstream of the proposed development.

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

- As required per Special Condition 23 of our NPDES Permit, the District performs an annual review of its CMOM program to ensure plan compliance. Note that it was determined that there is no direct reporting requirement with the IEPA, but rather, we are required to perform annual internal audits of our CMOM plan to ensure that the plan has the most recent information. District Staff Engineer, Joe Lapastora, will wrap up the 3rd Edition of the CMOM plan in November and submit to management for review. The most notable updates to the CMOM plan include updates to cleaning and televising equipment, restructured cleaning and televising plan and updates to operator training in the form of NASSCO certification.
- A few District staff members had the opportunity to travel to Chicago in mid-October for the Annual WEFTEC conference hosted by the Water Environment Federation (WEF). I am pleased to convey that Northern Moraine WRD was well represented at the conference as it was a busy week for our staff. Please see the Operations Report for some truly incredible accolades that District Superintendent, Luke Markko, achieved with the Operations Challenge group. I was also fortunate enough to have a meaningful WEFTEC conference as I would like to highlight two significant events that brought on some good publicity for the District. Frist, I was fortunate enough to help lead the WEFTEC Students and Young Professionals Annual Service Project where I volunteered time and effort to help organize a group of over 50 volunteers for a beach cleanup and restoration effort on the shores of Lake Michigan in Chicago. Note that I served as Vice-Chair for the Service Project for this year and will step into a Chair role in 2023 when WEFTEC returns to Chicago. Second, I was part of a small group of Global Water Stewardship (GWS) volunteers who had the unique opportunity to present about our non-profit efforts in Costa Rica. I was also accompanied by District Manager, Mohammed Haque, who helped moderate the session that took place at the Global Water Center on the conference exhibition floor. Both of the conference highlights are great representations of our staff's commitment to the water industry.









Featured on WEF Service Project video.



GWS group presenting at WEFTEC.



GWS group presenting at WEFTEC.



DELINQUENT ACCOUNTS RECAP FOR October 2021

Revised: 11/04/21 by Debi Martin, District Clerk

\$150-\$300 102 Active Accounts

Island Lake – 61 customers

61 Notices of Delinquency

Lakemoor - 34 customers

34 Notices of Delinquency

Port Barrington - 7 customers

7 Notices of Delinquency

\$301-500 41 Active Accounts

Island Lake - 25 customers

25 Liens - 22 Water Shut Off Notices, 2 Payment Agreements, 1 Final Water Shut of Notice

Lakemoor - 6 customers

6 Liens – 4 Final Notices of Delinquency, 2 Water Shut Off Notices

Port Barrington - 10 customers

10 Liens - 4 Sewer Disconnection Notices, 6 Final Notices of Delinquency

\$501-\$1000 10 Active Accounts

Island Lake - 2 customers

23 liens - 2 with water off

Lakemoor - 6 customers

6 liens – 2 with water off, 3 to be disconnected from sewer, 1 making payments

Port Barrington - 2 customers

2 Liens - 2 Sewer Disconnection Notices

\$1001 and up 5 Active Accounts

Island Lake - 3 customers

3 liens – 3 with water off

Lakemoor - 2 customers

2 liens - 2 tax sales, with 1 to be given to Village of Lakemoor

Delinquent Accounts total (active and inactive customers): \$41,812.49 (\$11,068.59 inactive accts)

October 2020's report: \$47,960.85 October 2019's report: \$54,764.32

MONTHLY ACTIVITY:

4781 Monthly Bills mailed 11/01/21 (for Oct service)

420 Bills <u>not</u> mailed – customers prepaid on their accounts

24 Water Shut Off Notices mailed 11/05/21

6 Sewer Disconnection Notices mailed 11/05/21

21 Liens released in October

102 Notices of Delinquency mailed 11/05/21

10 Final Notices of Delinquency mailed 11/05/21

27 Real Estate closings for October 2021

1 Final Water Shut off Notice mailed 11/05/21

25 Liens filed in October













AGENDA ITEM # 10A

Meeting Date: November 9, 2021

<u>Item:</u> Approval of District Workers Compensation Insurance Policy Renewal

Staff Recommendation: Motion to renew the agreement with Illinois Public Risk Fund for Workers

Compensation Insurance for \$19,648 from January 1, 2021 to January 1, 2022;, and to authorize the District Manager execute agreements to bind

coverage.

Staff Contact: Mohammed M. Haque, District Manager

Background:

Last month, the District approved our insurance policies for Liability/Auto/Excess as well as Cyber Liability and Flood Insurance. The only District policy that was not included was Worker's compensation. That policy renewal is now available. The District's workers compensation risk pool is from the Illinois Public Risk Fund, (IPRF), with a coverage amount \$3,000.000.00, at the annualized cost of \$19,648. That coverage was renewed for each calendar year from 2012 through 2021. For the majority of the years, there has been a reduction in the annual premium based on the District's outstanding loss history. The amount of coverage has also been increased to \$3,000,000. In 2015 the premium cost increased by \$2,631.00 due to a significant claim paid by IPRF over the prior coverage period as a result of a shoulder injury suffered by an employee who slipped and fell during extremely icy conditions that winter. The current coverage period ends on January 1, 2022. It is time to renew this coverage for 2022. The total premium cost for the period beginning January 1, 2022 and ending on January 1, 2023 is \$19,648, up from \$18,761 last year. The rate is based on a percentage of payroll and fluctuates year from year as staffing levels adjust. The current rate reflects an increase in the rate from \$4.763 to \$4.999 per \$100 of payroll for the sewage disposal (7580) category and a decrease from \$0.167 to \$0.161 per \$100 of payroll for the clerical (8810) category.

Alignment with Strategic Plan:

Maintaining workers compensation insurance is critical to meet the strategic plan goals of employing sound business principles as well as sustaining the District's mission and vision.

Maintaining robust general liability and property insurance supports several goals of the District's Strategic Plan including:

- The District provides sound business operations.
- Adopt robust fiscal operations, programs and partners to support business efficiency, continuity and recovery.

Recommendation

It is staff's recommendation to renew the agreement with Illinois Public Risk Fund for Workers Compensation Insurance for \$19,648 from January 1, 2022 to January 1, 2023;, and to authorize the District Manager execute agreements to bind coverage.

Votes Required to Pass

Simple Majority, via a Roll Call Vote



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



RESOLUTION

BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE NORTHERN MORAINE WASTEWATER RECLAMATION DISTRICT that the District Manager is authorized to execute an agreement between the Northern Moraine Wastewater Reclamation District and renew the agreement with Illinois Public Risk Fund for Workers Compensation Insurance for \$19,648 from January 1, 2021 to January 1, 2022;

	, , , , , , , , , , , , , , , , , , ,	
DATED	thisday of	, 2021
		NORTHERN MORAINE WASTEWATER RECLAMATION DISTRICT, an Illinois Municipal Corporation,
		By:PRESIDENT
SEAL		
ATTEST		
D	ISTRICT CLERK	







A PROPOSAL PREPARED FOR

Northern Moraine Wastewater Reclamation District

113 Timber Trail Island Lake, IL 60042

Presented By:

Dan Barnett

Corkill Insurance Agency 25 Northwest Point Boulevard, Suite 625 Elk Grove Village, IL 60007

Term:

1/1/2021 - 1/1/2022











CORKILL INSURANCE SERVICE TEAM

Your Agents

Dan Barnett

Direct: (847) 427-7757 Email: dbarnett@corkillinsurance.com

Cell: (224) 899-2097

Property & Casualty Service Team

Servicing your Commercial policies, including: Property, Liability, Auto, Management Liability

Charlita Hart

Direct: (847) 427-7754 Email: chart@corkillinsurance.com

Policy maintenance (i.e. adding vehicles)

Billing and invoices

Alexis Ford

Direct: (847) 239-1113 Email: aford@corkillinsurance.com

Claim Reporting

Claim follow-up

Rachel Brucki

Direct: (847) 258-0877 Email: rbrucki@corkillinsurance.com

Human Resources

Christina Anderson

Direct: (847) 437-2983 Email: canderson@corkillinsurance.com

Safety Services

Mitch Backes

Cell: (224) 330-9054 Email: mbackes@corkillinsurance.com

Public Entity Managing Director



25 Northwest Point Blvd. Ste. 625 Elk Grove Village IL 60007

> Phone: 847.758.1000 Fax: 847.758.1200

Compensation Disclosure

Corkill Insurance Agency and its individual agents/producers are licensed as insurance producers by the various States where we are transacting insurance, which includes the sale, solicitation, and servicing of insurance business, as well as advising on the relative benefits of certain insurance policies and risk management programs. Our agency typically receives compensation from insurers in the form of commissions paid as a percentage of the premiums due the applicable insurance companies. Commissions can vary by insurance company, by volume of business placed with that company or the profitability thereof, and other factors. In other cases and depending on various State laws and the capacity in which our agency is acting, our agency may receive other forms of compensation from insurers, insurance intermediaries, premium finance companies and other vendors; such as contingents. overrides, profit-sharing, premium finance fees, expense reimbursements, producer subsidies, award trips, meetings and other incentives. We also earn interest on premiums we hold until it is time to pay the applicable insurance companies. Our overriding desire is to provide great customer service, having you, the customer, believe we have earned our compensation. We believe in full disclosure of our compensation. Accordingly, if you have any questions about the compensation we receive from your policies (including policies we propose to you), please just ask your account representative, who will gladly provide you a summary of our compensation arising from your policies (some estimation may be necessary, for example where contingents are involved).

We thank you for the opportunity to serve and appreciate your interest.



Workers' Compensation Information Page

Policy Number: P1091-2022

Named Insured and Mailing Address:

Northern Moraine Wastewater Reclamation District P. O. Box 240 Island Lake, IL 60042

The policy period is from: 01/01/2022 to 01/01/2023

12:01 a.m. Standard Time of the Insured's mailing address

Coverage:

Part One of the policy applies to the Workers Compensation Law of the State of Illinois.

Part Two of the policy applies to Employers Liability in the State of Illinois: The limits of our Liability under Part Two are:

Bodily Injury by Accident \$3,000,000 each accident
Bodily Injury by Disease \$3,000,000 policy limit
Bodily Injury by Disease \$3,000,000 each employee

This Policy includes these endorsements and schedules:

See listing of endorsements – Extension of Information Page

Broker Name and Address:

Corkill Insurance Agency 25 Northwest Pte. Blvd. Ste 625 Elk Grove Village, IL 60007

Total Estimated Premium: \$19,076.00
Administrative Fee: \$572.00
Total Estimated Cost: \$19,648.00

Cancellation: In the event that the Policy is Cancelled prior to the expiration date, then the total annual premium stated on page 2 will be 100% fully earned

Terms and Conditions: The premium for this policy will be determined by our rules, classifications, rates and rating plans. All required information is subject to verification and change by audit at policy expiration.

As per Safety National Casualty Corp. Excess policy, and Illinois Public Risk Fund's By-Laws and Pooling Agreement.



EXTENSION OF INFORMATION PAGE ENDORSEMENT SCHEDULE

IPRF WC 00 001 18	Broad Form All States for Employee Travel
IPRF WC 00 002 18	Federal Employers' Liability Act Coverage
IPRF WC 00 003 18	Foreign Voluntary Workers' Compensation and Employers' Liability
	For Traveling Employees
IPRF WC 00 004 18	Longshoremen's and Harbor Workers' Compensation Act Coverage
IPRF WC 00 005 18	Maritime Coverage
IPRF WC 00 006 18	Voluntary Compensation



Cost Control Through Cooperation Since 1985

1091 Northern Moraine Wastewater Reclamation District P. O. Box 240 Island Lake, IL 60042

The premium for this policy will be determined by Illinois Public Risk Fund rules, classifications, rates and rating plans. All information required is subject to verification and change by Audit.

Code_	<u>Description</u>	<u>Payroll</u>		Rate/100	<u>Premium</u>
7580	Sewage Disposal	\$ 372,176	\$	4.999	\$ 18,605
8810	Clerical	\$ 292,331	\$	0.161	\$ 471
				Subtotal:	\$ 19,076
		3% Ad	lminis	trative Fee:	\$ 572
				TOTAL:	\$ 19,648

Selected payment plan: 4 Equal Quarterly Installments Prepared on: Thu October 21 11:08:52 2021



Cost Control Through Cooperation Since 1985

Installment Schedule

1091 Northern Moraine Wastewater Reclamation District P. O. Box 240 Island Lake, IL 60042

4 Equal Quarterly Installments

Due Date	Amount Due
01/01/2022	\$4,912
04/01/2022	\$4,912
07/01/2022	\$4,912
10/01/2022	\$4,912



Cost Control Through Cooperation Since 1985

1091 Northern Moraine Wastewater Reclamation District P. O. Box 240 Island Lake, IL 60042

Expiring

The premium for this policy will be determined by Illinois Public Risk Fund rules, classifications, rates and rating plans. All information required is subject to verification and change by Audit.

Class					
Code	<u>Description</u>	<u>Payroll</u>		<u>Rate/100</u>	<u>Premium</u>
7580	Sewage Disposal	\$ 372,176	\$	4.763	\$ 17,727
8810	Clerical	\$ 292,331	\$	0.167	\$ 488
				Subtotal:	\$ 18,215
		3% Ad	lminis	trative Fee:	\$ 546
				TOTAL:	\$ 18,761

Selected payment plan: 4 Equal Quarterly Installments Prepared on: Fri October 9 10:24:17 2020

ILLINOIS PUBLIC RISK FUND

The Leader in Workers' Compensation Insurance for Public Entities in Illinois



Cost Control Through Cooperation Since 1985

AAA FINANCIAL RATING

Based on Demotech's review of audited financial statements, actuarial reports and related financial information, IPRF has received the highest financial stability rating AAA Unsurpassed.

IPRF GRANT POGRAM GIVES BACK

Designed to ease the burden of safety related expenses, the grant program covers products that have been identified by our Loss Control agents that will assist in reducing injuries and or illnesses. To date, over \$62 million dollars in dividends/grants have been given back to our members.

IPRF/LEXIPOL GRANT PLUS PROGRAM

Beginning in 2018, IPRF members will receive a 10% discount off of Lexipol training products. In addition, IPRF will reimburse our members 25% up to their allotted grant amount. Members will also receive a complimentary 12-hour introductory Agency Assistance Plan (an \$1,800 value) and a 25% discount on selected professional services.

The Illinois Public Risk Fund has over 740 members comprised of Illinois local governmental entities and public agencies.

IPRF COVERAGE

Employee Liability \$3,000,000

Volunteers Coverage

Broad Form All States Coverage

Longshoreman's & Harbor Workers' Compensation Act

Approved Physical Fitness & Training Programs

7851 W. 185th Street (800) 289-IPRF

Tinley Park, IL 60477 Fax: (708) 429-6488 Phone: (708) 429-6300 www.iprf.com







ILLINOIS PUBLIC RISK FUND

LOSS CONTROL



Cost Control Through Cooperation Since 1985

ONLINE COMMUNITY FORUM

Every IPRF member has the ability to access the online Community Forum. The forum is designed to allow members to connect with IPRF staff and other IPRF members to ask questions or gain insights on topics related to safety, loss control, claims or other relevant subjects.

MONTHLY SAFETY REMINDERS

Risk Reminders are sent out each month for employers to share with employees to help manage risk. Risk Reminders cover topics within different classifications such as police, fire, schools, public works and more. IPRF also publishes a bi-monthly loss control newsletter.

WEB TRAINING

IPRF provides members with a monthly training program model and an online loss control manual. Online training is free and includes over 100 available courses. It can be delivered whenever it is convenient for employees and is effective. Some training modules are also available in Spanish.

ADDITIONAL BENEFITS

Simulator Training

Firearms safety, fire extinguisher safety and driver safety

Loss Control Mobile App

Quick reference guide and digital library of safety information including fillable forms and checklists

Gap Analysis

Provided by classification such as fire departments, park districts and public works

OSHA Compliance

Provide an on-site, in-depth evaluation to determine the effectiveness of current occupational health and safety efforts

7851 W. 185th Street (800) 289-IPRF

Tinley Park, IL 60477 Fax: (708) 429-6488 Phone: (708) 429-6300 www.iprf.com







ILLINOIS PUBLIC RISK FUND

CLAIMS MANAGEMENT



Cost Control Through Cooperation Since 1985

DEDICATED CLAIMS TEAM

IPRF member Claims Teams consist of: Three (3) Adjusters, a Medical Only Adjuster, a Supervisor and a Claims Assistant.

CLAIMS REPORTING SYSTEM

Our claims reporting system includes a First Notice of Loss 800 number that is available 24/7/365. This service will feed data directly into the IPRF claim system. Next step instructions are provided to the member at the close of each call.

IPRF CLAIM PORTAL (iCE) and CLAIMVIEW

As an employer, you want to know the status of a claim. Through the IPRF Claim Portal employers can report claims, view claim status, claim notes and download OSHA reports all in real-time. Conversely, there is also a mobile friendly portal, CLAIMVIEW, for injured workers in which they can view lost time payments, upload documents via photo and communicate with their adjuster.

IPRF HEALTH NAVIGATOR

When an injured worker's claim is reported, IPRF generates and emails a Health Navigator that gives the employee all the details they need regarding medical providers, pharmacy information and the One Call Care system. One Call Care is your one-stop shop for the scheduling of additional appointments including home health, physical therapy, diagnostic services and more.

ADDITIONAL BENEFITS

In-House Nurse

Available to discuss medical issues with members and assist adjusters

PPO/Managed Care Services

Over 10,000 physicians and facilities throughout Illinois

NPS First Fill Scripts

Avoid out-of-pocket costs using First Fill for all work-related injury prescriptions

Aggressive Subrogation

Includes member out-of-pocket expenses

Attorney Selection

IPRF members can select their own defense counsel subject to IPRF's litigation management process and approval

7851 W. 185th Street Tinley Park, IL 60477 (800) 289-IPRF

Fax: (708) 429-6488

Phone: (708) 429-6300 www.iprf.com







GRANT PROGRAMS AND PARTNERSHIPS

\$5 MILLION DOLLARS

IPRF understands the importance of safety equipment and products in reducing workplace injuries. We have \$5 MILLION dollars available to our members to assist in purchasing safety products that will help them reduce loss. Simply review our list of over 100 safety products and submit a grant request. The grant submission process will officially open January 3, 2022.

IPRF also offers a GRANT PLUS program. This program is a partnership between IPRF and two vendors that provide IPRF members some amazing benefits including:



- (2) Administrative User licenses per entity (additional admin, licenses are available at \$50 per user)
- · All entity employees will have access to the training system and content starter pack
- · Access to add/remove basic users and create groups
- Create assignments and generate reports
- · Additional 15% discount available on course selections from the LocalGovU, PoliceOne
- Academy or FireRescue Academy catalogs

Lexipol

- Reimbursement of 25%, through the Grant Plus Program, up to their allotted grant amount
- 10% discount on Lexipol Training Products
- 12 hour introductory Agency Assistance Plan (an \$1,800 value!)
- 25% discount on selected professional services
- Annual billing cycle
- · Much, much more



For more information on any of these programs contact Denise at (800) 289-4773







in www.iprf.com

POLICE



NORTHERN MORAINE WASTEWATER RECLAMATION

the Illinois Public Risk Fund has reserved

\$2,484

Congratulations!

Your organization has qualified for a Preferred Loss Ratio Grant of \$1,575 which is included in the above amount.

Please visit www.iprf.com for additional information and to complete the Grant Application.

Grant deadline is December 1. 2022.

(subject to the program terms and conditions.)

ILLINOIS PUBLIC RISK FUND

Accomplishments...

- ✓ Telemedicine
- √ 24/7/365 Claim reporting.
- ✓ In house nurse case management.
- ✓ Dedicated claims team.
- ✓ Prescription drug programs.
- Aggressive subrogation program which will include members out of pocket expenses.
- Loss Control training and support that includes an extensive library of online training courses, simulator training and sample safety guides.
- IPRF members can select their own defense counsel subject to IPRF's litigation management process and approval.
- Last, and most important, we work with local independent agents who we feel provide the on-site services our members deserve.

These features along with too many others to list, reflect our efforts to the Best Workers' Compensation Source for Illinois Public Entities.

MEASURE US AGAINST THE REST...

Dividends/Grants

 Since 1985, IPRF has given back millions of dollars in dividends/grants to our governmental entity and public agency members.

Reinsurance

- √ \$3,000,000 Employer Liability
- ✓ Primary Reinsurer = "A+" Best's Rating

Additional Coverages

- √ Volunteers included
- ✓ Broad Form All States Coverage
- ✓ USL&H
- ✓ Maritime
- ✓ Approved Physical Fitness and Training Programs

Financial Stability

- Annual Audited Financial Statements
- ✓ G.A.S.B. 10 Standards

Assessment Provision

 Capped at 10% maximum of members annual premium (3 year minimum/maximum – State Regulated)

2021 - 2022 Financial Stability Rating®



Cost Control Through Cooperation since 1985

AAA Unsurpassed

"Demotech's Highest Rating"

Analysis Prepared By:



Illinois Public Risk Fund is an intergovernmental joint insurance pool providing for the defense and payment when due to all compensation and other benefits under the Illinois Workers' Compensation Act and the Illinois Workers' Occupational Diseases Act on behalf of governmental entity and public agency members.

To assure professional day to day administration, the IPRF Board of Trustees have contracted with CCMSI for claims administration and loss control services.

IPRF'S PURPOSE:

- Deliver consistent, high quality service and performance to our governmental entity and public agency members.
- Focus greater attention on the iteration of risk management with incident management at all levels including strategic, technical and planning responsibilities.
- Utilize available technology wherever possible to produce higher levels of health and safety.
- Enhance the personal and organizational accountability for health and safety throughout the organization.

Financial Stability Rating®

Based upon Demotech's review of the Illinois Public Risk Fund's audited financial statements, actuarial reports and related financial information and discussions with representatives of the Illinois Public Risk Fund, we are able to assign a Financial Stability Rating® of:

AAA Unsurpassed

RATING	CATEGORIES
AAA	Unsurpassed
AA+	Exceptional
AA	Exceptional
A+	Above Average
A	Above Average
BBB+	Average
BBB	Average
BB+	Acceptable
ВВ	Acceptable
В	Fair
C	Below Average
D	Likely to Default



2715 Tuller Parkway Dublin, Ohio 43017-2310 Tel: 614 761-8602 800 354-7207 Fax: 614 761-0906 www.demotech.com

FINANCIAL DATA

Illinois Public Risk Fund Balance Sheets December 31, 2020 and 2019

ASSETS

	2020	2019
CASH AND	ACE 042 020	A27 044 020
CASH EQUIVALENTS	\$55,243,832	\$37,211,632
Cash on Deposit	440,186	
RECEIVABLES		
Premiums, less allowance		
for doubtful accounts of \$0		
in 2020 and 2019	194,508	363,294
Producer Commissions/Agent Fees	128,514	-
Deductible recoverables from	1 207722	
Members	4,214,417	3,424,356
Reinsurance recoverables on paid losses	217.049	211.583
Interest	488,995	408.652
Net Premiums Due from Members	-	317775
PREPAID EXPENSES	1	-
INVESTMENTS	130,923,818	135,186,331
CAPITAL ASSETS		
Office furniture and equipment		
less accumulated depreciation		
of \$175,883 and \$164,747 at		
December 31, 2020 and 2019,		
respectively	16,591	27,727
TOTAL ASSETS	191.867.910	176.833.575
LIABILITIES		
Accounts Payable	102,313	236,495
Net Premiums Due to Members	1,000,000	7.00
Accrued Expenses	175,399	375,301
Advance Premiums Received	9,133,004	8,618,740
Unpaid Losses and Loss Adjustment		The same base
Expenses	106,991,184	93,329,972
TOTAL LIABILITIES	117.401.900	102,560,508
		74,273,067

Premium Summary

Insurance Company: Illinois Public Risk Fund (IPRF)

Policy Term: 1/1/2022 – 1/1/2023

Line of Business	Expiring Premiums	Renewal Premiums
Workers Compensation	\$ 18,761	\$ 19,648

Terrorism Coverage Included

Corkill Insurance Agency Services – Added Service Offerings:

- MedCor Telephonic Nurse Triage System Included with addition of Workers' Compensation
- Safety Consultation Services Included
- Human Resources Included
- Claims Consultation Services Included



AGENDA ITEM # 10C

Meeting Date: November 9, 2021

Item: Approval of Hiring of Financial Consultant

Staff Recommendation: Motion to Approve Entering into an Agreement with Kane, McKenna

Capital, Inc. to Serve as the Financial Advisor of the District and to

authorize the District Manager to execute the agreement.

Staff Contact: Mohammed M. Haque, District Manager

Background:

The District conducted a rate study using the services of Eric Rothstein at the end of 2019. That analysis precluded many of our grants, aggressive capital project schedule and the effects of COVID-19 and it's after effects. The District has been the recipient of over \$4 million in currently active grants and expects that significant other grants are on the horizon. Each of these grants, typically, requires some level of equal or near equal funding participation by the District. With the potential of several large and small projects occurring concurrently, several loans may need to be realized to make these projects happen. At the same time, many grant related projects require the District to advance funds and get reimbursed. All of this, poses different financial scenarios on the District and it's current and future assets.

To that end, the District is in need of a good financial consultant that can guide us through the financial needs of these projects, the timing and necessary cash flows and to ensure that the District is properly funded and properly appropriating costs and fees. Eric Rothstein retired some time back and I reached out to a past financial consultant I have utilized, Phil McKenna. Phil advised me that he also represents Lakemoor, so he wanted us to be aware of that. While that has potential to pose an issue, I believe that Phil will be forthright with the District, and therefore, I do not have any concerns.

In light of the current ordinance for borrowing funds, which is on tonight's agenda, I would stress the urgency of getting a financial adviser engaged. I anticipate that Phil and his team will do a fine job. The rates for their staff are representative of the industry and they anticipate that the current scope of work (review and provide options and analysis) will be in the range of \$7,500 to \$10,000.

Recommendation:

Approve Entering into an Agreement with Kane, McKenna Capital, Inc. to Serve as the Financial Advisor of the District and to authorize the District Manager to execute the agreement.

Votes Required to Pass:

Simple Majority via a Roll Call Vote



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

RESOLUTION

BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE NORTHERN MORAINE WASTEWATER RECLAMATION DISTRICT that the District Manager is authorized to execute an agreement between the Northern Moraine Wastewater Reclamation District and Kane, McKanne Capital, Inc. to Serve as the Financial Advisor of the District and to authorize the District Manager to execute the agreement.

DATED thisday of	, 2021
	NORTHERN MORAINE WASTEWATER RECLAMATION DISTRICT, an Illinois Municipal Corporation,
	By:PRESIDENT
SEAL	
ATTEST	
DISTRICT CLERK	_



PROPOSAL MADE BY KANE, MCKENNA CAPITAL, INC. TO SERVE AS FINANCIAL ADVISOR

TO

NORTHERN MORAINE WATER RECLAMATION DISTRICT

OCTOBER 13, 2021

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I. INTRODUCTION

KMC understands that the District is seeking professional services to assist the District in developing cash flow plans which take into account anticipated operating and capital sources (particularly grants) of the District and expenditures for operations, and capital needs so as to assure prudent long term.

Given tax cap constraints and other state and federal laws governing local government debt issuance, we understand that the District is in need of advice from finance professionals who have the ability to provide creative approaches, as well as timely and accurate information, to create a financial plan and to deal with the District's long term needs.

We believe that our knowledge of local government operations, various financing alternatives, our public presentations, and our record of creative funding mechanisms is unparalleled in the industry.

KANE, MCKENNA'S SERVICES

Kane, McKenna's Approach to the District

An understanding of our firm's philosophy will not only give you insight into how we approach financial advisory services but will provide you a clear idea of what you can expect from us. Kane, McKenna provides its clients with a unique combination of traditional financial advice and public finance expertise which is geared towards the long-term economic wellbeing of the client. This long-term orientation translates into the type of thoroughness, creativity, diligence, service and follow-through that do not always accompany transactiondriven relationships.

Overview of Financial Advisory Services B.

We have prepared this scope of services to provide the District with a better understanding of the approach that Kane, McKenna will provide in assisting in developing a cash flow plan for the District.

Evaluation of Financial Status and Update to Prior Financial Plan

In order to provide a more complete evaluation of the District anticipated cash flow, KMC proposes to analyze the District's resource base and credit in connection with developing an updated cash flow plan and providing for the timely financing of future capital needs.

- Tax base/revenue analysis: evaluate components of tax base, analyze major sources of revenue, including direct sources utilized for security for debt obligations, analyze potential increases in revenues and additional sources of revenues (i.e., permit fees, impact fees, other source fees, etc.);
- Trend analysis of property tax base: evaluate changes in assessed valuation over two reassessment cycles; changes in tax base, potential development of tax base;
- Trend analysis of revenues, expenditures, changes in financial position and cash flow; composition of tax/revenue base;



- Analysis of future capital needs (equipment and buildings) of the (d) District the timing of respective needs;
- Analysis of financing options, including debt issuance, pursuant to (e) federal and state law and the strengths and weaknesses of such options;
- Economic and demographic components analysis mix of land uses, (f) income levels, home values, nature of surrounding economic base.

Kane, McKenna will reevaluate the District's resource base and creditworthiness including District finances, state laws governing debt issuance, tax base, employment base and demographics. Such an analysis provides Kane, McKenna and the District with an overall assessment of the District's financial and economic well-being. For example, this analysis will continue to aid the District's financial and economic strengths, potential sources of revenue to secure debt obligations, and the current and projected future impacts on the District's financial position.

Also, this updated analysis aids in evaluating the District's potential funding sources for the other projects. Kane, McKenna will also evaluate how the District can best leverage any reserve funds which it may have established and which can fund future projects identified by the District.

Kane, McKenna will prepare a financial plan based on the above analysis which will provide the District with (a) a comprehensive analysis of the District's cash flow position condition and (b) various options, recommendations and policy suggestions with respect to identifying potential financial goals and objectives which the District will need to achieve to maintain the District's financial and economic well-being in the future.

Kane, McKenna will consult with the District's Board and attend any meetings as required.

FIRM STRUCTURE AND QUALIFICATIONS

Overview of Kane, McKenna Qualifications

Kane, McKenna Capital, Inc. is an affiliate and wholly owned subsidiary of Kane, McKenna and Associates, Inc. ("KMA"). KMA, is a firm specializing in government finance and economic development. KMA and Kane, McKenna provide financial advice to governments, private businesses, developers and financial institutions. Since its formation in 1984, KMA and its affiliate have participated as a financial advisor or investment banker in bond issues totaling over \$1 billion.

Kane, McKenna is a completely independent financial advisor. Kane, McKenna, is fully registered with the Securities and Exchange Commission ("KMC")in order to provide a full range of municipal services to its clients.

Kane, McKenna is located in downtown Chicago, and has maintained an office in Chicago since its formation. All Kane, McKenna employees are located at this office.

Financial Advisory Experience В.

When considering our proposal for services, the District should be aware of several distinguishing characteristics of Kane, McKenna:

- almost all of Kane, McKenna's clients are located in Illinois; (1)
- our major focus is local government over 90% of our work is with local (2) government in responding to their unique needs and issues related to financial advice and public finance; and
- we have specific experience in a wide variety of services related to municipal finance and capital improvement planning.

We regard ourselves as full service financial advisors to local government. We count among our major accomplishments the ability to provide a multiplicity of such services, as needed, to a number of municipalities over a long-term period.



As indicated earlier, Kane, McKenna has participated as a financial advisor or investment banker in bond issues totaling over \$1 billion. Appendix A contains a description of recent bond issue relationships and references.

C. Kane, McKenna Staff

Kane, McKenna utilizes the varied background of its professionals to provide financial and economic development advisory services to its clients. Mr. McKenna and Mr. Durham will lead the provision of services to the District and their resume are attached.

Philip McKenna

Philip McKennolong

President

COMPENSATION

With respect to the services set forth in this proposal at the following hourly rates.

Personnel	Hourly Rates
President	\$225.00
Executive/Senior Vice President	\$200.00
Officers	\$175.00
Associates	\$125.00
Research Associates	\$ 60.00
Administrative	\$ 30.00

Our estimate of such fees relating to services provided solely with respect to the matters set forth on this proposal, estimate fees will be \$7,500 to \$10,000 with no more than \$10,000 to be billed.

Philip McKenna, President Kane. McKenna Capital, Inc.	10-18-2021 Date
Northern Moraine Water Reclamation District	Date



RESUMES



Philip R. McKenna, President

Mr. McKenna was a founding partner of Kane, McKenna and Associates, Inc. in 1984 and has served as President and Chief Executive Officer of both Kane, McKenna and Associates, Inc. and its affiliate, Kane, McKenna Capital, Inc. since 1994. Previously, Mr. McKenna was first vice president and manager of public finance for Van Kampen Merritt Inc., a Naperville, Illinois based investment-banking firm. In that role Mr. McKenna was responsible for a full range of tax-exempt financing transactions including General Obligation, Special Service Area, Municipal Revenue Bonds, College and University Revenue Bonds, Health Care Revenue Bonds, Pollution Control Revenue Bonds, and Industrial Revenue Bonds. He was previously the Deputy Head of the Public Finance Department of The First National Bank of Chicago.

Mr. McKenna's expertise encompasses many aspects of public finance and economic development, in particular: municipal general obligation and revenue bond financing; education; urban redevelopment; industrial and commercial development and redevelopment; housing finance; tax increment financing; and other public forms of incentive financing. Mr. McKenna has worked extensively with public officials responsible for municipal finance activities in several midwestern states. He has also served as an advisor to the Chicago Economic Development Commission, the United States Conference of Mayors, and associations of private colleges and universities.

Mr. McKenna currently serves on advisory and/or governing boards within and without the industry including: Illinois Tax Increment Association, Board and Legislative Advisory Committee. Mr. McKenna is also a past member of the Board of Directors of the National Association of Independent Public Finance Advisors ("NAIPFA"). He holds a Certified Independent Public Financial Advisor Certification and has been a frequent speaker on a variety of municipal and development topics.

Mr. McKenna has served on numerous civic, community, and not-for-profit boards and committees, including: Board of Trustees, Saint Mary-of-the-Woods College, Indiana; various United Way monitoring committees; Board of Directors, Chicago Southland Alliance; Board of Regional Economic Development Coordinating Council; and Board of Directors, Hinsdale Little League,

Mr. McKenna has also written articles and/or delivered speeches to a number of organizations, including: Illinois GFOA; Chicago Metropolitan GFOA; Illinois Tax Increment Association; Federal Reserve Bank Forums; and Illinois and Indiana Legislative Committees.

A 1970 graduate of the University of Notre Dame, Mr. McKenna also received a Master of Business Administration degree from The University of Chicago in 1978.

Charles L. Durham, Senior Vice President



Mr. Durham joined Kane, McKenna in 1989. Since coming to the firm he has participated in structured financings for more than 150 developments and redevelopments in over 60 different communities. In doing so he has utilized a comprehensive knowledge of economic development and public finance techniques — grounded in an understanding of the economics required to make public/private partnerships work gained from over 30 years of economic development and public finance experience.

Mr. Durham's work experience covers all aspects of the services offered by Kane, McKenna including both its key areas of public finance and economic development. This work experience includes all forms of municipal financing options (especially general obligation and revenue bond financings), as well as various forms of economic financing programs such as , tax increment financing, business districts, special service areas, sales tax sharing with application to industrial, commercial and housing development projects.

Mr. Durham has been an active member on key working committees for the Illinois Tax Increment Association and the National Association of Independent Public Finance Advisors ("NAIPFA"). He has also been designated as a Certified Independent Public Financial Advisor Certification under NAIPFA.

Before joining Kane, McKenna, Mr. Durham directed and implemented the economic development program for the City of Rockford, Illinois for nearly 10 years. Under Mr. Durham's direction, the City created and successfully put in place a broad range of economic development initiatives.

Mr. Durham received his Bachelor of Arts in Political Science, Master of Public Administration and Master of Business Administration from Northern Illinois University.



AGENDA ITEM # 10D

Meeting Date: November 9, 2021

<u>Item:</u> Approval of Ordinance Authorizing the Borrowing of Funds from the

Water Pollution Control Loan Program for Holiday Hills / Le Villa Vaupel

Project

Staff Recommendation: Motion to Approve an Ordinance Authorizing the District to Borrow

Funds in the amount of \$4,000,000 for the Holiday Hills / Le Villa Vaupel Project and to Authorize the District Manager to Execute Loan

Documents.

Staff Contact: Mohammed M. Haque, District Manager

Background:

The attached resolutions and ordinances are part of the standard Illinois EPA Water Pollution Control Loan Program. This program is also referred to as the State Revolving Loan Fund (SRF) and is funded by federal annual appropriations as well as loan repayments by entities. The interest rates for SRF projects are typically the lowest, normally within 1 percentage point of the federal rate. The current rate is expected to be 1.11%, which is astonishing. In light of the obligations that the District has for the Unsewered Community Grant Fund's \$3.5 million grant, we recommend proceeding with the authorization of this loan and related resolutions and ordinances. The \$4 million loan, along with the \$3.5 million grant will provide us a current total of \$7.5 million to cover the project costs and related engineering, permitting and land costs.

Kane & McKenna will be utilized to chart out the District's cash flows, revenues and expenses and added debt burdens to capitalize and utilize the grant funding that is present currently. I expect to have them engaged very quickly in our options analysis and financial projections. Based on their quick engaged, grant utilization and overall environmental benefits of the project, I recommend we proceed with the borrowing and it's associated timeline.

Recommendation:

Approve an Ordinance Authorizing the District to Borrow Funds in the amount of \$4,000,000 for the Holiday Hills / Le Villa Vaupel Project and to Authorize the District Manager to Execute Loan Documents.

Votes Required to Pass:

Simple Majority via a Roll Call Vote





NORTHERN MORAINE WASTEWATER RECLAMATION DISTRICT

ORDINANCE NO. 2021-____

AN ORDINANCE AUTHORIZING THE NORTHERN MORAINE WASTEWATER RECLAMATION DISTRICT, LAKE AND McHENRY COUNTIES, ILLINOIS, TO BORROW FUNDS FROM THE WATER POLLUTION CONTROL LOAN PROGRAM

WHEREAS, the Northern Moraine Wastewater Reclamation District, Lake and McHenry Counties, Illinois (the "District"), operates its sewerage system (the "System") pursuant to and in accordance with the provisions of the Sanitary District Act of 1917, 70 ILCS 2405 (the "1917 Act") and the Local Government Debt Reform Act, 30 ILCS 350 (the "Debt Reform Act" and, collectively with the 1917 Act, the "Act"); and

WHEREAS, the President and Board of Trustees of the District (the "Corporate Authorities") have determined that it is advisable, necessary, and in the best interest of the public health, safety, and welfare to improve the System to serve the Village of Holiday Hills, McHenry County, Illinois and the adjacent unincorporated Le Villa Vaupell Subdivision (the "Service Territory"), through the extension of sanitary sewers, force mains, lift stations, and all other necessary facilities and equipment, together with any land or rights in land and all electrical, mechanical or other services necessary, useful or advisable to the construction and installation (collectively, the "Project"), all in accordance with the plans and specifications prepared by the consulting engineers of the District, which Project has an anticipated useful life of fifty (50) years; and

WHEREAS, the estimated cost of construction and installation of the Project, including engineering, legal, financial and other related expenses is \$7,000,000.00, and there are insufficient funds on hand and lawfully available to pay these costs; and

WHEREAS, the loan shall bear an interest rate as defined by 35 III. Adm. Code 365, which does not exceed the maximum rate authorized by the Bond Authorization Act, as amended, 30 ILCS 305/0.01 *et seq.*, at the time of the issuance of the loan; and

WHEREAS, the principal and interest payment shall be payable semi-annually, and the loan shall mature in twenty (20) years, which is within the period of useful life of the Project; and

WHEREAS, the costs of the Project are expected to be paid for in part with a loan to the District from the Water Pollution Control Loan Program through the Illinois Environmental Protection Agency (the "Loan"); and

WHEREAS, the District intends to repay for the Loan from revenues of the System; and WHEREAS, the Loan is authorized to be accepted at this time pursuant to the Act; and WHEREAS, in accordance with the provisions of the Act, the District is authorized to borrow funds from the Water Pollution Control Loan Program as the Loan in the aggregate principal amount of \$4,000,000.00 to provide funds to pay the costs of the Project; and

WHEREAS, the Loan to the District shall be made pursuant to a Loan Agreement, including certain terms and conditions between the District and the Illinois Environmental Protection Agency;

NOW THEREFORE, BE IT ORDAINED BY THE CORPORATE AUTHORITIES OF THE NORTHERN MORAINE WASTEWATER RECLAMATION DISTRICT, LAKE AND MCHENRY COUNTIES, ILLINOIS, as follows:

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

SECTION 2. DETERMINATION TO BORROW FUNDS. The Corporate Authorities of the District have determined that it is necessary and in the best interests of the District to construct the Project for the public health, safety, and welfare, in accordance with the plans and specifications, as described; that the System continues to be operated in accordance with the provisions of the Illinois Environmental Protection Act, 415 ILCS 5/1 et seq.; and that for the purpose of constructing the Project, it is hereby authorized that funds be borrowed by the District

in the aggregate principal amount (which can include construction period interest financed over the term of the Loan) not to exceed \$4,000,000.00.

SECTION 3. ADDITIONAL ORDINANCES. The Corporate Authorities may adopt additional ordinances or proceedings supplementing or amending this Ordinance, providing for entering into the Loan Agreement with the Illinois Environmental Protection Agency, prescribing all the details of the Loan Agreement, and providing for the collection, segregation, and distribution of the revenues of the System, so long as the maximum amount of the Loan Agreement as set forth in this Ordinance is not exceeded and there is no material change in the Project or purposes described herein. Any additional ordinances or proceedings shall in all instances become effective in accordance with the Act or other applicable laws. This Ordinance, together with such additional ordinances or proceedings, shall constitute complete authority for entering into the Loan Agreement under applicable law. However, notwithstanding the above, the District may not adopt additional ordinances or amendments which provide for any substantive or material change in the scope and intent of this Ordinance, including but not limited to interest rate, preference or priority of any other ordinance with this Ordinance, parity of any other ordinance with this Ordinance, or otherwise alter or impair the obligation of the District to pay the principal and interest due to the Water Pollution Control Loan Program without the written consent of the Illinois Environmental Protection Agency.

SECTION 4. LOAN NOT INDEBTEDNESS OF THE DISTRICT. Repayment of the Loan to the Illinois Environmental Protection Agency by the District pursuant to this Ordinance is to be solely from the revenue derived from the revenues of the System, and the Loan does not constitute an indebtedness of the District within the meaning of any constitutional or statutory limitation.

SECTION 5. APPLICATION FOR LOAN. The District Manager is hereby authorized to make application to the Illinois Environmental Protection Agency for the Loan through the Water

Pollution Control Loan Program, in accordance with the loan requirements set out in 35 III. Adm. Code 365.

SECTION 6. ACCEPTANCE OF LOAN AGREEMENT. The Corporate Authorities hereby authorize acceptance of the offer of a Loan through the Water Pollution Control Loan Program, including all terms and conditions of the Loan Agreement as well as all special conditions contained therein and made a part thereof by reference. The Corporate Authorities further agree that the Loan funds awarded shall be used solely for the purposes of the Project as approved by the Illinois Environmental Protection Agency in accordance with the terms and conditions of the Loan Agreement.

SECTION 7. OUTSTANDING BONDS. The District has outstanding bonds, payable from revenues of the System, that are senior to the Loan authorized by this Ordinance, and the District establishes an account, coverage, and reserves equivalent to the account(s), coverage(s) and reserve(s) as the senior lien holders in accordance with 35 III. Adm. Code 365.350(a)(10)(C)(WPC).

SECTION 8. AUTHORIZATION OF PRESIDENT TO EXECUTE LOAN AGREEMENT.

The President of the District is hereby authorized and directed to execute the Loan Agreement with the Illinois Environmental Protection Agency. The Corporate Authorities may authorize by resolution a person other than the President for the sole purpose of authorizing or executing any documents associated with payment requests or reimbursements from the Illinois Environmental Protection Agency in connection with this Loan.

SECTION 9. SEVERABILITY. If any section, paragraph, clause or provision of this Ordinance is held invalid, the invalidity of such section, paragraph, clause or provision shall not affect any of the other provisions of this Ordinance.

SECTION 10. REPEALER. All ordinances, resolutions, orders, or parts thereof, which conflict with the provisions of this Ordinance, to the extent of such conflict, are hereby repealed.

SECTION 11. **EFFECTIVE DATE**. This Ordinance shall be in full force and effect upon its passage and approval in the manner provided by law.

PASSED by the Corporate Authorities on _		_, 20
AYES:		
NAYS:		
ABSENT:		
ABSTAIN:		
APPROVED, 20		
	District President	
ATTEST:		
District Clerk		
PUBLISHED in the Northwest Herald on	, 20	
RECORDED in the District Records on	, 20	
	ATTEST:	
	District Cle	erk

NORTHERN MORAINE WASTEWATER RECLAMATION DISTRICT, LAKE AND McHENRY COUNTIES, ILLINOIS

CERTIFICATION

I, Deborah Martin, do hereby certify that I am the duly elected, qualified and acting Clerk of the
Northern Moraine Wastewater Reclamation District. I do further certify that the above and
foregoing, identified as Ordinance No. 2021, is a true, complete and correct copy of a
ordinance otherwise identified as "AN ORDINANCE AUTHORIZING THE NORTHERN
MORAINE WASTEWATER RECLAMATION DISTRICT, LAKE AND McHENRY COUNTIES
ILLINOIS, TO BORROW FUNDS FROM THE WATER POLLUTION CONTROL LOAM
PROGRAM," passed by the Board of Trustees of the District on the day of
20, and approved by the President of the District on the same said date, the original of which
is part of the books and records within my control as Clerk of the District.
Dated this day of, 20
District Clerk

{00030618}



Tel 312.300.6554 Fax 312.324.0668

Filippini Law Firm, LLP 990 Grove Street Suite 220 Evanston, IL 60201 www.filippinilawfirm.com

Victor P. Filippini, Jr. 312.300.6549 Victor.Filippini@filippinilawfirm.com

__ November 2021

Via Regular Mail and E-Mail (Stephanie.Flowers@illinois.gov)

Illinois Environmental Protection Agency 1021 North Grand Avenue East P.O. Box 19276 Springfield, IL 62794-9276

Attention: Stephanie Flowers, Legal Counsel

Re: Northern Moraine Wastewater Reclamation District

Water Pollution Control Loan Program

IEPA Loan # L21- (the "Proposed Loan")

Dear Ms. Flowers:

The Filippini Law Firm LLP (the "Firm") serves as Legal Counsel of the Northern Moraine Wastewater Reclamation District, Lake and McHenry Counties, Illinois (the "District") and represents the District in connection with the above referenced Proposed Loan.

The District is a unit of local government pursuant to Article VII, Section 1 of the Illinois Constitution and a sanitary district pursuant to Sanitary District Act of 1917, 70 ILCS 2405 (the "1917 Act"). The District intends to enter into a loan agreement with the Illinois Environmental Protection Agency (the "IEPA") for the Proposed Loan pursuant to the Water Pollution Control Loan Program (the "Program"). The purpose of the loan agreement is to enable the District to finance a portion of the cost of the extension of sanitary sewerage facilities necessary and appropriate to serve the Village of Holiday Hills, McHenry County, Illinois and the adjacent unincorporated Le Villa Vaupell Subdivision (the "Project").

The IEPA has requested our opinion with respect to whether the ordinance authorizing the District to enter into the contemplated loan agreement pursuant to the Program is in accordance with Illinois law. You have also asked for our opinion as to whether the District has complied with all of the procedural requisites necessary to authorize the District President to execute the loan agreement in order to create a valid and enforceable contract.

We have examined the 1917 Act and ot	her applicable state statutes, and the District's
ordinances, and I am familiar with the ordinance	that the District Board of Trustees (the "District
Board") has been adopted with respect to the pro	oposed loan, in particular District Ordinance No.
adopted by the District Board on	2021, entitled "An Ordinance Authorizing the

Illinois Environmental Protection Agency Attention: Stephanie Flowers, Legal Counsel ___ November 2021

Page 2

Northern Moraine Wastewater Reclamation District, Lake and McHenry Counties, Illinois, to Borrow Funds from the Water Pollution Control Loan Program" (the *Authorizing Ordinance*").

After consideration of the foregoing, it is our opinion that:

- 1. Pursuant to the 1917 Act and particularly Section 9(a) thereof, 70 ILCS 2405/9(a), and the ordinances of the District, the City does have the authority to enter into a loan agreement with the IEPA pursuant to the Program.
- 2. The District lawfully operates a sanitary sewerage system (the "**System**") to address and manage wastewater matters within the District and does provide by ordinances, rules, and regulations for the operation of the System and the billing and collection of sewer charges to users of the System.
- 3. Pursuant to a Sewer Extension Agreement (the "IGA") between the Village of Holiday Hills, McHenry County, Illinois (the "Village"), and the District, the District has the legal right to install the proposed improvements at the location intended and shown by the plans and specifications for the Project, the improvements for said Project to be located within public road or highway right-of-way, or within easements to be provided by the Village or otherwise acquired by the District.
- 4. To the best of our understanding, there is no threatened or pending litigation which would affect the borrowing of the funds that are the subject of the Proposed Loan or the payment of same.
- 5. The District Board has taken all required steps necessary to authorize the President to execute the loan agreement and to authorize the District Manager to execute any other required documents by and between the IEPA and the District pursuant to the Program.
- 6. The Authorizing Ordinance does not conflict with any other ordinances of the District.
- 7. All actions taken by the District with respect to the Authorizing Ordinance were taken during regular meetings of the District Board, which meetings were held and conducted in accordance with the Illinois Open Meetings Act.
- 8. Upon execution of the loan agreement, the obligation of the District to repay the loan funds as set forth in the loan agreement will be a binding and legally enforceable obligation of the District.
- 9. There are no other agreements, bonds, or ordinances that will conflict with, or impair, the obligation of the District under the loan agreement for the Proposed Loan from the IEPA.
- 10. **Include if sample ordinance doesn't include section on reserve accounts:** That there is no senior debt payable from the revenues of the District.

Very truly yours, FILIPPINI LAW FIRM LLP

Illinois Environmental Protection Agency
Attention: Stephanie Flowers, Legal Counsel
___ November 2021
Page 3

-DRAFT-

By:______ Victor P. Filippini, Jr., Partner

Cc: Mr. Mohammed Haque

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Project _			
L21-			

NORTHERN MORAINE WASTEWATER RECLAMATION DISTRICT RESOLUTION NO. 2021-R-____

RESOLUTION AUTHORIZING A REPRESENTATIVE TO SIGN LOAN DOCUMENTS

WHEREAS, the Northern Moraine Wastewater Reclamation District (the "District") has authorized the securing of a loan in the principal amount of \$4,000,000.00 (the "Loan") from the Water Pollution Control Loan Program (the "Program") of the Illinois Environmental Protection Agency (the "IEPA") for the extension of sanitary sewerage facilities necessary and appropriate to serve the Village of Holiday Hills, McHenry County, Illinois and the adjacent unincorporated Le Villa Vaupell Subdivision (the "Project"); and

WHEREAS, application provisions for the Loan pursuant to the Program require that the District authorize a representative to sign the loan application forms and supporting documents;

NOW, THEREFORE, BE IT ORDAINED BY THE CORPORATE AUTHORITIES OF THE NORTHERN MORAINE WASTEWATER RECLAMATION DISTRICT, LAKE AND MCHENRY COUNTIES, ILLINOIS, as follows:

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

SECTION 2. AUTHORIZED SIGNATORY. The President and Board of Trustees of the District hereby authorize the Mohammed M. Haque, the District Manager, to sign all Loan application forms and documents on behalf of the District. The District Manager is hereby authorized and directed to cause a copy of this Resolution to be delivered to the IEPA in connection with the loan for the Project.

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

PASSED by the Corporate Authorities or	n, 20
AYES:	
NAYS:	
ABSENT:	
ABSTAIN:	
APPROVED, 20	
	District President
ATTEST:	
District Clerk	

00030619) 2



AGENDA ITEM # 10E

November 9, 2021 **Meeting Date:**

Item: Adoption of an Ordinance setting the 2021-22 Tax Levy

Motion to Adopt the 2021-22 Tax Levy Ordinance, setting the Levy at **Staff Recommendation:**

\$89.836.85

Staff Contact: Mohammed M. Haque, District Manager

Background:

Per the last couple of year's discussions about the general direction of taxes and the continued need to reduce burden on taxpayers, we had come to the consensus to continue reducing our tax levy and become more and more accustomed to being fully operational on user fees only. Based on that desire and the Appropriations Ordinance that we passed in July 2021, we have prepared the attached Tax Levy Ordinance for 2021-22. The proposed levy amount of \$89,836.85 represents a 10.1 % decrease (\$10,110.92) over the previous levy amount of \$99,947.76. This will be the tenth year in a row that the District has lowered its tax levy, with the 2021-22 levy \$325,823.70 less than the 2010-11 levy, representing a 78.4 % decrease. This year's decrease is made up by our increase in revenue for hauled waste over last year.

Since we are proposing to reduce our tax levy, it is not necessary to publish notices in the local newspapers under the Truth in Taxation requirements or to conduct a public hearing.

Upon approval, the ordinance and required certifications will be filed with the County Clerks of McHenry and Lake Counties prior to the last Tuesday of December in order to assure that the District receives the appropriate extensions.

Recommendation:

It is staff's recommendation that the Board of Trustees approve the 2021-22 Tax Levy Ordinance setting the Levy at \$89,836.85.

Votes Required to Pass:

Simple Majority, via Roll Call Vote





TAX LEVY ORDINANCE 21-05

TAX LEVY FOR 2021-2022 NORTHERN MORAINE WASTEWATER RECLAMATION DISTRICT

AN ORDINANCE PROVIDING FOR THE LEVY OF TAXES FOR THE NORTHERN MORAINE WASTEWATER RECLAMATION DISTRICT, LAKE AND McHENRY COUNTIES, ILLINOIS, FOR THE FISCAL YEAR BEGINNING MAY 1, 2021 AND ENDING APRIL 30, 2022.

WHEREAS, the Board of Trustees of the Northern Moraine Wastewater Reclamation District, Lake and McHenry Counties, Illinois, did on the 13th day of July 2021, pass the Annual Appropriation Ordinance for the fiscal year beginning May 1, 2021 and ending April 30, 2022, in the aggregate amount of:

SIXTEEN MILLION SIX HUNDRED FORTY-SIX THOUSAND ONE HUNDRED THIRTY-EIGHT DOLLARS AND EIGHTY CENTS (\$16,646,138.80),

which Ordinance, was duly published in accordance with statutes:

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

SECTION 1: A tax for the sums of money, or as much thereof as may be authorized by law to defray all expenses and liabilities of the Northern Moraine Wastewater Reclamation District, be and same is hereby levied for the purpose specified against all taxable property in the Wastewater Reclamation District for the fiscal year commencing on the 1st day of May, 2021 and ending on the 30th day of April, 2022.

		Appropriated	Amount to be eived from Other Sources	ount to be sed by Tax Levy
	Capital Fund			
6030	Bar Screen Replacement	\$31,500.00	\$31,500.00	\$0.00
6030	Control Building Electrical Upgrades	\$386,918.70	\$386,918.70	\$0.00
6030	Darrell Road - Phase 1A & 1B	\$5,703,150.60	\$5,703,150.60	\$0.00
6030	Funding Assistance	\$42,000.00	\$42,000.00	\$0.00
6030	Fleet Maintenance Garage	\$595,350.00	\$595,350.00	\$0.00
6030	Holliday Hills Sewer	\$6,210,225.00	\$6,210,225.00	\$0.00
<u>6030</u>	Liftstation Renewal Project	\$611,866.50	\$611,866.50	\$0.00
<u>6030</u>	Maintenance Garage/ Paving Improvements	\$84,000.00	\$84,000.00	\$0.00
<u>6030</u>	North Clarifier Repairs	\$21,000.00	\$21,000.00	\$0.00
<u>6030</u>	South Clarifier Repainting	\$21,000.00	\$21,000.00	\$0.00
<u>6030</u>	Plant Automation - Phase 1	\$52,500.00	\$52,500.00	\$0.00
<u>6030</u>	SCADA/ Telemetry	\$52,500.00	\$52,500.00	\$0.00
<u>6030</u>	Sludge Conveyance	\$52,500.00	\$52,500.00	\$0.00
<u>6030</u>	Solar Panels - Phase 1	 \$10,500.00	\$10,500.00	\$0.00
	Total Expenses	\$ 13,875,010.80	\$ 13,875,010.80	\$ -
	Total Capital Fund Expenses	\$ 13,875,010.80	\$ 13,875,010.80	\$ -
	Sewer O&M Fund			
<u>5000</u>	Salaries	\$831,568.50	\$831,568.50	\$0.00
<u>5010</u>	Payroll Tax Expense	\$62,370.00	\$62,370.00	\$0.00
<u>5020</u>	Payroll Expense other	\$945.00	\$945.00	\$0.00
<u>5030</u>	Employee Insurance	\$189,840.00	\$189,840.00	\$0.00
<u>5040</u>	Training/Seminars	\$11,130.00	\$11,130.00	\$0.00
<u>5050</u>	Clothing Allowance	\$3,150.00	\$3,150.00	\$0.00

<u>5060</u>	IMRF Contributions	\$74,119.50	\$74,119.50	\$0.00
<u>5110</u>	Maintenance - Buildings	\$18,900.00	\$17,104.50	\$1,795.50
5120	Maintenance - Vehicles	\$11,550.00	\$10,452.75	\$1,097.25
130	Maintenance-Equipment	\$22,575.00	\$20,430.38	\$2,144.63
140	Maintenance - Utility Systems	\$89,250.00	\$80,771.25	\$8,478.75
<u>150</u>	Maintenance Supplies	\$3,150.00	\$2,850.75	\$299.25
<u> 160</u>	Sludge Hauling	\$28,350.00	\$25,656.75	\$2,693.25
210	Operating Supplies	\$8,400.00	\$7,602.00	\$798.00
220	Motor Fuel & Lube	\$15,750.00	\$14,253.75	\$1,496.25
230	Vehicle Supplies	\$630.00	\$570.15	\$59.85
240	Lab Supplies	\$15,750.00	\$14,253.75	\$1,496.25
245	Miscellaneous Equipment	\$2,100.00	\$1,900.50	\$199.50
<u> 250</u>	Small Tools	\$1,260.00	\$1,140.30	\$119.70
<u> 255</u>	Chemical Expenses	\$84,000.00	\$76,020.00	\$7,980.00
260	Safety Equipment	\$11,025.00	\$9,977.63	\$1,047.38
320	General Insurance	\$81,963.00	\$74,176.52	\$7,786.49
<u>330</u>	Telephone	\$39,259.50	\$35,529.85	\$3,729.65
360	Utilities	\$160,650.00	\$145,388.25	\$15,261.75
361	Security System	\$12,075.00	\$10,927.88	\$1,147.13
380	Rental	\$1,155.00	\$1,045.28	\$109.73
390	Travel Expenses	\$1,575.00	\$1,425.38	\$149.63
410	Software Support	\$51,943.50	\$47,008.87	\$4,934.63
420	Accounting Service	\$9,030.00	\$8,172.15	\$857.85
130	Professional Lab Testing	\$7,350.00	\$6,651.75	\$698.25
435	JULIE Locate Expenses	\$3,675.00	\$3,325.88	\$349.13
140	Engineering Services	\$2,100.00	\$1,900.50	\$199.50
150	Legal Services	\$43,575.00	\$39,435.38	\$4,139.63
160	Permit Fees	\$18,900.00	\$39,435.36 \$17,104.50	\$1,795.50
80	Other Professional Services	\$18,900.00 \$131,712.00	\$17,104.50 \$119,199.36	\$1,795.50
510	Office Supplies			\$12,312.04
520	Postage	\$8,400.00	\$7,602.00	
530	Website Expense	\$26,250.00	\$23,756.25	\$2,493.75
540	Printing and Publishing	\$2,100.00	\$1,900.50	\$199.50
550	Publications & Subscriptions	\$10,815.00	\$9,787.58	\$1,027.43
560	Membership Dues	\$210.00	\$190.05	\$19.95
530	Bank Service Charges	\$5,103.00	\$4,618.22	\$484.79
710	Miscellaneous Expenses	\$14,490.00	\$13,113.45	\$1,376.55
	•	\$525.00	\$475.13	\$49.88
810	Refunds	\$105.00 \$2,118,774.00	\$95.03 \$2,028,937.16	\$9.98 \$89,836.85
	Other Evnences	φ 4,110,//4.UU	\$4,U40,73/.10	407,030.8 5
110	Other Expenses Office Equipment over \$500	40.005.00	#D COT 00	** **
)10	Office Equipment over \$500	\$2,625.00	\$2,625.00	\$0.00
030	Capitalized Treatment Upgrade	\$208,950.00	\$208,950.00	\$0.00
<u>070</u>	Building Improvements	\$9,450.00	\$9,450.00	\$0.00
	Total Other Expenses	\$221,025.00	\$221,025.00	\$0.00
	Total Sewer O&M Expenses	\$2,339,799.00	\$2,249,962.16	\$89,836.85
	Alternate Bond & Interest Fund			
540	Interest Expense	\$37,511.00	\$37,511.00	\$0.00
UTU	Bond Principal	\$393,818.00	\$393,818.00	\$0.00
040	Total Alternate Bond & Interest Bond Expenses	\$431,329.00	\$431,329.00	\$0.00
	Total Alternate Bond & Interest Bond Expenses		\$431,329.00	\$0.00
	•	\$431,329.00 \$16,646,138.80	\$431,329.00 \$16,556,301.96	\$0.00

Tax Levy Summary for the fiscal year ending April 30, 2021

	\$16,646,138.80	\$16,556,301.96	\$89,836.85
Alternate Bond & Interest Fund	\$431,329.00	\$431,329.00	\$0.00
Sewer O&M Fund	\$2,339,799.00	\$2,249,962.16	\$89,836.85
Capital Fund	\$13,875,010.80	\$13,875,010.80	\$0.00

SECTION 2: The Clerk of the Wastewater Reclamation District is directed to file a certified copy of this Ordinance with County Clerks of Lake and McHenry Counties, Illinois, as provided by law.

SECTION 3: The County Clerk of Lake and McHenry Counties, Illinois, is requested and directed to extend the taxes, pursuant to the provisions of this Ordinance and to make such tax extensions in accordance with the levies made.

SECTION 4: This Ordinance shall be in full force and effect from and after its passage and approval as provided by law.

PASSED AND APPROVED this 09th day of November, 2021.

Roll Call Vote:

NAY:	ABSENT:
NAY:	ABSENT:
NAY:	ABSENT:
NAY:	ABSENT:
	NAY: NAY:

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

ATTEST:

Deborah Martin, District Clerk

Northern Moraine Wastewater Reclamation District



AGENDA ITEM # 10F

Meeting Date: November 9, 2021

<u>Item:</u> WWTP Access Improvements

Staff Recommendation: Motion to award the bid to the lowest responsible and responsive

bidder, Chicagoland Paving Contractors, Inc., in the amount bid for WWTP Access Improvements and adopt a resolution authorizing the District Manager to execute an agreement with Chicagoland Paving Contractors, Inc. to perform work as outlined in the WWTP

Access Improvements Public Bid.

Staff Contact: Mohammed M. Haque, District Manager

Background:

On November 8, 2021, the Northern Moraine Wastewater Reclamation District publicly opened and read aloud bids received for WWTP Access Improvements. The District has allocated \$80,000 in the FY 2021-22 budget for this project and it is anticipated that the project will wrap up prior to FY 2022-23. Two (2) bids were received:

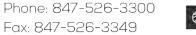
Base Bid Amount

Chicagoland Paving Contractors, Inc. ~ Lake Bluff, IL $\sqrt{}$ \$149,000 Copenhaver Construction ~ Gilberts, IL \$218,700

 $\sqrt{\text{Indicates recommended lowest responsible and responsive bidder.}}$

The District had originally anticipated this project to come in at a bid amount close to the EOPC of \$143,676 and the lowest responsible and responsive bidder is close to that estimate. The work is very timely, as the District prepares for the winter months. Prior to receiving bids, the District performed prep work including excavating and staking along the paving extents. Note that the District is prepared for some additional excavating work to be performed by Bartnick Inc. this week which will bring the roadway down to subbase grade while also raising a manhole structure that was previously buried. This is the last set of expected work to be performed prior to Chicagoland Paving Contractors, Inc. starting the work outlined in WWTP Access Improvements contract. Contract work covers the installation of compacted base course, binder course, surface course, curb and gutter, sidewalk, and concrete bollards. Note that the Invitation to Bid specified modified project extents which are reflected in the attached Exhibit.







AGENDA ITEM # 10F

Recommendation:

The District reviewed all bids received for completeness and accuracy and compliance with bid documents. It is staff's recommendation to award the contract to the lowest responsible and responsive bidder, Chicagoland Paving Contractors, Inc. for the contract period.

Votes Required to Pass:

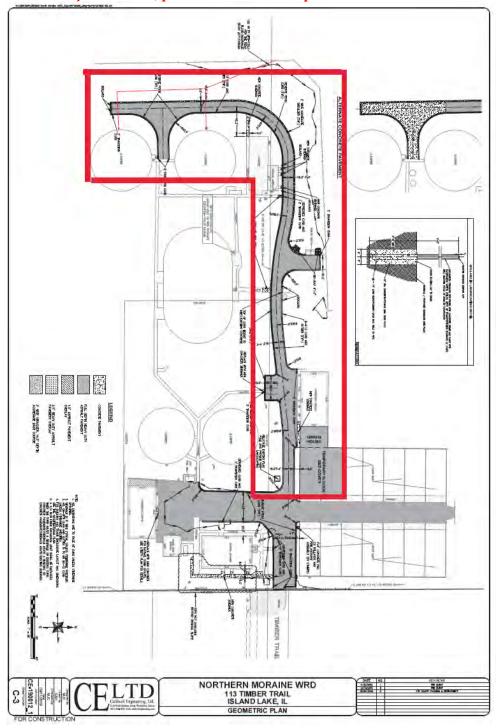
Simple Majority, via a roll call vote





AGENDA ITEM # 10F

Modified Project Extents, per WWTP Access Improvements Invitation to Bid.







NORTHERN MORAINE WASTEWATER RECLAMATION DISTRICT **WWTP Access Improvements**

	Updated by Jeremy Plank, EIT - Trotter and Associates, Inc. October 28, 2021									
WWT	WWTP ACCESS IMPROVEMENTS CONSTRUCTION COSTS \$143,676									
CONT	\$8,000									
TOTA	L PROBABLE CONSTRUCTION COS	TS			\$151,676					
	Phase 1 Pavement Improvements									
	Description	Quantity	Unit	Unit Price	Total					
1	CA-6 Compacted Base Course	817	CY	\$30	\$24,510					
2	HMA Surface Course, 2.5"	1,782	SY	\$14	\$24,948					
3	HMA Binder Course, 3.5"	1,782	SY	\$17	\$29,688					
4	5" PCC Sidewalk	391	SF	\$25	\$9,775					
5	Aggregate Shoulder	109	SY	\$25	\$2,725					
6	Rip-Rap, RR-3	16	SY	\$60	\$960					
7	PCC Combination Curb and Gutter	1,172	LF	\$35	\$41,020					
8	Concrete Bollards	6	EA	\$1,000	\$6,000					
9	4" Solid Striping	54	LF	\$75	\$4,050					

TOTAL WWTP ACCESS IMPROVEMENTS

\$143,676

RESOLUTION

BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE NORTHERN MORAINE WASTEWATER RECLAMATION DISTRICT that the District Manager is authorized to execute a Service Agreement between the Northern Moraine Wastewater Reclamation District and Chicagoland Paving Contractors, Inc., for WWTP Access Improvements in the amount of \$149,000 and authorize the District Manager to execute an agreement for the work.

	DATED this <u>9th</u> day of	November	, 2021
			NORTHERN MORAINE WASTEWATER RECLAMATION DISTRICT, an Illinois Municipal Corporation,
			By:PRESIDENT
SEAL			
ATTE	ST		
	DISTRICT CLERK		

NORTHERN MORAINE WASTEWATER RECLAMATION DISTRICT CONTRACT FOR

WWTP ACCESS IMPROVEMENTS

INVITATION FOR BIDDER'S PROPOSALS

OWNER:

Northern Moraine Wastewater Reclamation District

Attn: Mohammed Haque, District Manager

113 Timber Trail P. O. Box 240

Island Lake, IL 60042

1. Invitation to Bid

Owner invites sealed Bidder's Proposals for the Work described in detail in the Contract and generally described as follows:

The proposed improvements are limited to the following area of the design plans: beginning at the west leg of the access road intersection and continuing west to the road end. The remaining improvement areas of the design plans adjacent to the Control Building and west of Temporary Sludge Bed Cover are to be completed at a future date. The following quantities are those within the proposed improvement limits as part of this project.

Access Road Improvements:

- 1. 817 CY of CA-6 compacted base coarse
- 2. 1,782 SY of HMA Pavement (3 ½" of binder course and 2 ½" of surface course)
- 3. 1,172 LF of curb and gutter4. 391 SF of 5" PCC Sidewalk
- 5. 109 SY of Aggregate Shoulder
- 6. 16 SY of Rip Rap
- 7. 54 LF of 4" Solid Striping
- 8. 6 EA Concrete Bollards.

The sequence of the work to be completed will be as follows:

- Prior to the placement of aggregate base course, all areas shall be proof rolled by
 the contractor in accordance with Article 351 of the SSRBC. Any areas of failure as
 indicated by the Construction Engineer shall be corrected by the Contractor and
 retested. Additional compensation for all aggregate base repair determined by the
 Construction Engineer shall be agreed upon between the Contractor and District.
- 2. The District will remove all existing pavement and excavate to the proposed elevation of aggregate base course. The District will also remove all proposed sidewalk removal to the sidewalk subbase.

3. The contractor will place the aggregate base course and complete all WWTP Access Improvements within the specified proposed limits. The scope for this project will only include the items outlines included in the "Access Road Improvements" section above unless agreed upon otherwise between the District and contractor.

4. The District will complete all topsoil, seed, and blanket as required around completed

improvements.

The Work shall be performed at the following Work Site:

Northern Moraine Wastewater Reclamation District

420 Timber Trail, Island Lake IL, 60051

2. Defined Terms

All terms capitalized in this Invitation for Bidder's Proposals and in the other documents included in the Bid Package are defined in the documents included in the Bid Package, as hereinafter defined, and shall have such defined meanings wherever used.

3. The Bid Package

The Bid Package consists of the following documents, all of which are by this reference made a part of this Invitation for Bidder's Proposals as though fully set forth herein:

- Invitation for Bidder's Proposals:
- (2) General Instructions to Bidders;
- (3) Addenda, if issued:
- (4) Bidder's Proposal;
- (5) Bidder's Sworn Acknowledgement;
- Bidder's Sworn Work History Statement; (6)
- Other Information Submitted by Bidder, if requested: (7)
- (8) Notice of Award; and
- Contract, including all of its Attachments and Appendices, if any. (9)

4. Inspection and Examination

Bid Packages will be only sent to prospective Bidders electronically. No Bid Packages will be sent via mail. In making copies of the Bid Package available to prospective Bidders, Owner

does so only for the purpose of obtaining Bidder's Proposals and such provision does not confer a license or grant for any other use. Addenda will be issued only to plan holders. Please contact Mohammed Haque, 847-526-330, haque@nmwrd.org to receive contract documents.

Each prospective Bidder shall, before submitting its Bidder's Proposal, carefully examine the Bid Package. Each prospective Bidder shall inspect in detail the Work Site and the surrounding area and shall familiarize itself with all local conditions, including subsurface, underground and other concealed conditions, affecting the Contract, the Work, and the Work Site. The Bidder whose Bidder's Proposal is accepted will be responsible for all errors in its Bidder's Proposal.

5. Bid Opening

Owner will receive sealed Bidder's Proposals for the Work until one o'clock, p.m., local time, Monday, November 8, 2021, at Owner's office listed above, at which time, or as soon thereafter as possible, all Bidder's Proposals will be publicly opened and read aloud. Bidders or their agents are invited to be present.

6. Bid Security, Bonds and Insurance

- A. <u>Bid Security</u>. Each Bidder's Proposal shall be accompanied by a security deposit of ten percent of the Bidder's Price Proposal in the form of (1) a Cashier's Check or Certified Check drawn on a solvent bank insured by the Federal Deposit Insurance Corporation and payable without condition to Owner or (2) a Bid Bond in a form satisfactory to Owner from a surety company licensed to do business in the State of Illinois with a general rating of A minus and a financial size category of Class X or better in Best's Insurance Guide.
- B. <u>Performance and Payment Bonds</u>. The successful Bidder may be required to furnish a Performance Bond and a Labor and Material Payment Bond upon award of the Contract, each in the penal sum of the full amount of the Contract Price, on forms provided by, or otherwise acceptable to, Owner.
- C. <u>Insurance</u>. The successful Bidder will be required to furnish certificates and policies of insurance as required by the Contract upon award of the Contract. Each Bidder's Proposal must be accompanied by a letter from Bidder's insurance carrier or its agent certifying that said insurer has read the requirements set forth in the Contract and will issue the required certificates and policies of insurance upon award of the Contract to Bidder.

Pre-Bid Conference

A Pre-Bid Conference will be held on November 4, 2021 at 9:00am at the District's office 113 Timber Trail, Island Lake, IL 60042.

NORTHERN MORAINE WASTEWATER RECLAMATION DISTRICT CONTRACT FOR

WWTP ACCESS IMPROVEMENTS

BIDDER'S PROPOSAL

Full Name of Bidder	Chicagola	ad Pavi	nc	("Bidder")
Principal Office Addres	0	iser Rd	9	nch IL
Local Office Address	same			F4009
Contact Person Bi	Bowes	Telephone_	847 550	9681
TO: Northern Morain Attn: Mohamme 113 Timber Trai P. O. Box 240 Island Lake, IL o		ation District ("O ager		

Bidder warrants and represents that Bidder has carefully examined the Work Site described below and its environs and has reviewed and understood all documents included, referred to, or mentioned in this bound set of documents, including Addenda Nos. _______, which are securely stapled to the end of this Bidder's Proposal [if none, write "NONE"] ("Bid Package").

Bidder acknowledges and agrees that all terms capitalized in this Bidder's Proposal shall have the meaning given to them in the documents included in the Bid Package.

1. Work Proposal

A. <u>Contract and Work</u>. If this Bidder's Proposal is accepted, Bidder proposes, and agrees, that Bidder will contract with Owner, in the form of the Contract included in the Bid Package: (1) to provide, perform and complete at the site or sites described in the Bid Package ("Work Site") and in the manner described and specified in the Bid Package all necessary work, labor, services, transportation, equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data and other means and items necessary for the *WWTP Access Improvements*; (2) to procure and furnish all permits, licenses and other governmental approvals and authorizations necessary in connection therewith except as otherwise expressly provided in Attachment A to the Contract included in the Bid Package; (3) to procure

and furnish all Bonds and all certificates and policies of insurance specified in the Bid Package; (4) to pay all applicable federal, state and local taxes; (5) to do all other things required of Contractor by the Contract; and (6) to provide, perform and complete all of the foregoing in a proper and workmanlike manner and in full compliance with, and as required by or pursuant to, the Contract; all of which is herein referred to as the "Work."

- B. <u>Manner and Time of Performance</u>. If this Bidder's Proposal is accepted, Bidder proposes, and agrees, that Bidder will perform the Work in the manner and time prescribed in the Bid Package and according to the requirements of Owner pursuant thereto.
- C. <u>General</u>. If this Bidder's Proposal is accepted, Bidder proposes, and agrees, that Bidder will do all other things required of Bidder or Contractor, as the case may be, by the Bid Package.

2. Contract Price Proposal

If this Bidder's Proposal is accepted, Bidder will, except as otherwise provided in the Contract, take in full payment for all Work and other matters set forth under Section 1 above, including overhead and profit; taxes, contributions, and premiums; and compensation to all subcontractors and suppliers, the compensation set forth on the following "Schedule of Prices" ("Price Proposal"), which Schedule of Prices Bidder understands and agrees will be made a part of the Contract:

SCHEDULE OF PRICES

A. <u>LUMP SUM CONTRACT</u>

For providing, performing, and completing all Work, the total Contract Price of:

B. BASIS FOR DETERMINING PRICES

It is expressly understood and agreed that:

- Owner is not subject to state or local sales, use and excise taxes and no such taxes are included in this Schedule of Prices;
- All other applicable federal, state, and local taxes of every kind and nature applicable to the Work as well as all taxes, contributions, and premiums for



AGENDA ITEM # 10G

November 9, 2021 **Meeting Date:**

Approval of Amendment to Contract for Chlorination & Dechlorination Item:

Chemicals

Staff Recommendation: Motion to Approve Contract Amendment with Viking Chemical for

Chlorination & Dechlorination and to Authorize the District Manager to

Execute the Contract Amendment.

Staff Contact: Mohammed M. Haque, District Manager

Background:

The District is experiencing supply chain issues as most entities are throughout numerous industries that rely on commodities and manufactured goods. We have had delivery issues with many items and pricing is also very inconsistent. We have been faced with an issue for our Sodium Hypochlorite. The District, unfortunately, never applied for a seasonal exemption for Chlorination during winter months. This exemption was available for POTWs to apply many years ago, but for some reason the District never applied. As a result, we have to Chlorinate, with Sodium Hypochlorite, and Dechlorinate, with Sodium Bisulfite, all year around. The District spends approximately \$40,000 on these two chemicals a year. An alternative to chemical use, is to utilize UV disinfection with vertical UV tubes in our effluent stream. This option is currently being explored.

The current contract for Chlorination & Dechlorination Chemicals is with Viking Chemical. They have been providing these chemicals to us for several years under contract. On October 19, we were approached about supply chain issues and pricing increases that Viking was experiencing with their Sodium Hypochlorite. At the time, they requested \$1.55 a gallon, a significant increase over their bid price of \$1.06 a gallon. The District reminded Viking that they were under a fixed price contract. However, Viking has indicated that they will have to walk away from the contract, since the current price of \$1.06 a gallon would create a bigger loss than they are willing to take. Accordingly, I discussed the matter with our attorney and Luke and we looked at alternatives. Most alternative suppliers are either not providing a fixed price, or in one case a price higher than what Viking is requesting.

Given supply chain issues, and what appears to be a fluctuating market for Sodium Hypochlorite, we feel that amending the contract with Viking at a negotiated price of \$1.50 a gallon through April 30, 2022 is a prudent and sensible alternative for the District. At the suggestion of our attorney, we also prepared a version of the amendment that extends the amended pricing to April 30, 2023, with a CPI adjustment for the second year's term. We also feel that is prudent, given current pricing fluctuation and uncertainty. I have provided both versions to Viking Chemical and expect that they will have a preference on one versus the other. In the interim, we recommend that the District approve both versions of the amendment.

Recommendation:

Approve Contract Amendment with Viking Chemical for Chlorination & Dechlorination and to Authorize the District Manager to Execute the Contract Amendment.

Votes Required to Pass:

Simple Majority via a Roll Call Vote









NORTHERN MORAINE WASTEWATER RECLAMATION DISTRICT

RESOLUTION NO.

RESOLUTION APPROVING CONTRACT AMENDMENT WITH VIKING CHEMICAL CO.

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, in March 2021, the District sought bids for the provision of necessary chemical supplies (the "Chemical Supplies"); and

WHEREAS, the Board of Trustees of the District (the "District Board") found and determined that Viking Chemical Co. ("Viking") was the lowest responsive and responsible bidder for providing the Chemical Supplies to the District; and

WHEREAS, in April 2021, the District and Viking entered into a contract pursuant to which Viking agreement to deliver the Chemical Supplies to the District (the "Contract"); and

WHEREAS, due to supply-chain impacts of the global COVID-19 pandemic, Viking advised the District that it was no longer feasible for it to deliver the Chemical Supplies to the District pursuant to the prices set forth in the Contract; and

WHEREAS, in order to maintain the regular deliveries of the Chemical Supplies as are needed for the essential operations of the District, the District and Viking have agreement to modify the pricing on certain of the Chemical Supplies as set forth in the "**Contract Amendment**" attached to this Resolution as Exhibit 1; and

WHEREAS, in light of unknown future supply-chain impacts of the global COVID-19 pandemic, the District Board desires to propose an alternate Contract Amendment to Viking in the form attached to this Resolution as Exhibit 2 (the "Alternate Amendment"), which Alternate Amendment would provide the District the option to extend the Contract (as amended), subject to inflation-adjusted pricing; and

WHEREAS, the District Board finds that the terms of the Contract Amendment or the Alternate Amendment are in the best interest of the District and its residents:

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

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

<u>Authorization</u>. The District Board hereby approves the Contract Amendment in the form attached hereto as <u>Exhibit 1</u>. The District Board hereby also approves the Alternate Amendment in the form attached hereto as <u>Exhibit 2</u>. In addition, subject to the District first receiving the signed Contract Amendment or Alternate Amendment from Viking, the District Board authorizes and directs the District President or District Manager 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.
		5 · · ·
ATTEST:		President
District Clerk		

EXHIBIT 1

Contract Amendment

FIRST AMENDMENT TO CONTRACT

	This F	IRST AI	MENDME	ENT TO		ACT (th	ie " <i>Ame</i>	ndme	nt ") is (dated an	id ente	red into
this	d	lay of			, 202	_ (the	"Effecti	ve Da	ate"), 🗆	by and	betwe	en the
NORTH	HERN	MORAI	NE WAS	STEW	ATER RE	CLAMA	ATION D	DISTR	ICT, a	n Illinois	s unit o	of local
govern	ment	located	in Lake	and	McHenry	Count	ies, Illin	ois (t	he " O	wner"),	and \	/IKING
CHEMI	ICAL (CO. , an	Illinois d	orpora	ition locate	ed at 1	827 18 th	ⁿ Aven	iue, Ro	ockford,	Illinois	61110
("Bidde	er ")(col	llectively	, the Ov	ner a	nd Bidder	shall h	ereinafte	er be r	eferre	d to as t	he " <i>Pa</i>	ırties").
For the	mutua	al consid	lerations	hereir	set forth,	the Pai	ties agr	ee as f	follows	s:		

Section 1. Recitals.

- a. The Parties have previously entered into a Contract dated as of April 14, 2021 (the "*Original Contract*") pursuant to which Bidder agreed to provide Owner with certain chemical deliveries (the "*Supplies*") for the period of May 1, 2021 through April 30, 2022 at the prices and pursuant to the terms set forth in the Original Contract.
- b. Due to global supply chain issues, Bidder has been unable to obtain certain Supplies without incurring costs far in excess of the cost contemplated at the time of the Original Contract.
- c. Although the Original Contract did not include any specific provision for adjusting the price of Supplies, the Parties have nevertheless determined that it is in their respective best interests to enter into this Amendment to the Original Contract to ensure that Supplies remain available to Owner at a price mutually acceptable to Owner and Bidder.
- <u>Section 2</u>. <u>Amendment to Attachment B of the Original Contract</u>. The Parties agree that Attachment B to the Original Contract shall be amended in its entirety and replaced with a new Attachment B, which is attached to this Amendment.
- <u>Section 3</u>. <u>Continued Effect</u>. Except as otherwise provided herein, the Original Contract shall remain in full force and effect.

[Signature page to follow.]

(00030624)

IN WITNESS WHEREOF, the Parties' authorized representatives have executed this Agreement as of the dates set forth below.

NORTHERN MORAINE WASTEWATER RECLAMATION DISTRICT	VIKING CHEMICAL CO.
Ву:	Ву:
Printed	Printed
Name Mohammed M. Haque	Name
Title <u>District Manager</u>	Title
Date	Date

2030624)

ATTACHMENT B

SCHEDULE OF PRICES

Schedule of Prices

For providing, performing, and completing all Work:

Bid Price (Effective November ___, 2021 through April 30, 2022):

Price shall include the purchase and delivery of Sodium Hypochlorite and Sodium Bisulfite, including all surcharges:

Sodium Hypochlorite, delivered price per gallon: \$1.50

Sodium Bisulfite, delivered price per gallon: \$2.02

Time of Payment

Payment, less 10% retention, shall be made within 60 days of invoice submittal. Retainage shall be paid upon final completion and completion of all punchlist items.

3

0030624)

EXHIBIT 2

Alternate Amendment

FIRST AMENDMENT TO CONTRACT

This FIRST AMENDMENT TO CONTRACT (the " Amendment ") is dated and entered in
this day of, 202_ (the "Effective Date"), by and between the
NORTHERN MORAINE WASTEWATER RECLAMATION DISTRICT, an Illinois unit of loc
government located in Lake and McHenry Counties, Illinois (the "Owner"), and VIKIN
CHEMICAL CO., an Illinois corporation located at 1827 18th Avenue, Rockford, Illinois 6111
("Bidder")(collectively, the Owner and Bidder shall hereinafter be referred to as the "Parties"
For the mutual considerations herein set forth, the Parties agree as follows:

Section 1. Recitals.

- a. The Parties have previously entered into a Contract dated as of April 14, 2021 (the "*Original Contract*") pursuant to which Bidder agreed to provide Owner with certain chemical deliveries (the "*Supplies*") for the period of May 1, 2021 through April 30, 2022 at the prices and pursuant to the terms set forth in the Original Contract.
- b. Due to global supply chain issues, Bidder has been unable to obtain certain Supplies without incurring costs far in excess of the cost contemplated at the time of the Original Contract.
- c. Although the Original Contract did not include any specific provision for adjusting the price of Supplies, the Parties have nevertheless determined that it is in their respective best interests to enter into this Amendment to the Original Contract to ensure that Supplies remain available to Owner at a price mutually acceptable to Owner and Bidder.
- <u>Section 2</u>. <u>Amendment to Attachment B of the Original Contract</u>. The Parties agree that Attachment B to the Original Contract shall be amended in its entirety and replaced with a new Attachment B, which is attached to this Amendment.
- <u>Section 3. Continued Effect</u>. Except as otherwise provided herein, the Original Contract shall remain in full force and effect.

[Signature page to follow.]

IN WITNESS WHEREOF, the Parties' authorized representatives have executed this Agreement as of the dates set forth below.

NORTHERN MORAINE WASTEWATER RECLAMATION DISTRICT	VIKING CHEMICAL CO.
By:	Ву:
Printed	Printed
Name Mohammed M. Haque	Name
Title <u>District Manager</u>	Title
Date	Date

ATTACHMENT B

SCHEDULE OF PRICES

Schedule of Prices

For providing, performing, and completing all Work:

Bid Price (Effective November __, 2021 through April 30, 2022):

Price shall include the purchase and delivery of Sodium Hypochlorite and Sodium Bisulfite, including all surcharges:

Sodium Hypochlorite, delivered price per gallon: \$1.50

Sodium Bisulfite, delivered price per gallon: \$2.02

Time of Payment

Payment, less 10% retention, shall be made within 60 days of invoice submittal. Retainage shall be paid upon final completion and completion of all punchlist items.

Extended Pricing

Notwithstanding the Completion Date set forth in Attachment A, Part V, of this Contract, Owner may elect to extend the Completion Date until April 30, 2023 by delivering written notice to Bidder no later than March 31, 2022, in which case the following Pricing shall apply for the period of May 1, 2022 through April 30, 2023 (the "*Extension Period*"):

Price shall include the purchase and delivery of Sodium Hypochlorite and Sodium Bisulfite, including all surcharges:

Sodium Hypochlorite, delivered price per gallon: (\$1.50)(1 + CPI)

Sodium Bisulfite, delivered price per gallon: (\$2.02)(1 + CPI),

- Where "CPI" shall mean the percentage increase in the "Consumer Price Index" during the 12-month period beginning April 1, 2021 and ending March 31, 2022; and
- Where the "Consumer Price index" shall mean the Consumer Price Index for All Urban Consumers for all items published by the United States Department of Labor.

All other terms of the Contract, as amended, shall apply during the Extension Period.

City Council raises water, sewer utility base rates

By SAM LOUNSBERRY

slounsberry@shawmedia.com

McHenry residents using city water and sewer lines will see a \$4 hike in the base rates they pay on each billing cycle after a 5-2 City Council vote this week approved the increase.

It will raise about \$660,000 more annually for utility upgrades than the city would have seen without the adjustment.

The funds will be put toward improvements to the city's utility systems over the next 10 years, such as lining sewer pipes as well as adding backup generator power sources to four of the city's lift stations and two of its water plants, and adding a backup water main pipe across the Fox River, among dozens of other projects. The city's water delivery system only has one such pipe spanning the waterway now, officials said.

"One of the things we prioritized in this 10-year program is improving our redundancy and reducing some of our risks," McHenry Public Works Director Troy Strange said. "Having just the one [main pipe across the Fox] we do believe is a risk." The "no" votes were cast on Monday by 2nd Ward Alderman Andy Glab and 3rd Ward Alderman Frank McClatchey.

"This just gives a bad taste in my mouth that we can do this," McClatchey said. "Let's save up for it. Let's not just ask people to pay more for their sewer because we want to do something."

The increases to the base rates, which are charged to users of the city's utilities regardless of how much water and wastewater they use, come on top of price hikes the council approved earlier this year that impact how much is paid per gallon used. Water rates went up 8%, and wastewater rates went up 5%.

But the base rate increases ultimately approved by the council will cost McHenry's utility customers less than those city staff initially targeted earlier this year. City staff in August recommended a base rate hike of no less than \$6.40 per billing cycle, and also looked at raising them by as much as \$14.85.

The city was able to bring the costs down while still getting more money for utility upgrades than the \$6.40 base rate hike would have provided, by refinancing a loan the city obtained from the state, through the State Revolving Loan Fund, that helped fund decommissioning the city's Central Wastewater Treatment Plant several years ago.

Under the new base rate structure, residents with each utility bill will be putting \$5 less toward repaying that loan than they would have without refinancing.

The money that would have gone toward that loan, plus the additional \$4 residents will pay toward the improvement program, will be used by the city staff to fund the planned 10-year upgrade schedule, meaning the staff will get \$9 per utility customer every other month to put into the work.

In total, base fees in the city are rising to \$45.53 paid every other month, with the payback of the State Revolving Loan Fund loan for the wastewater plant consolidation constituting more than half of the total still with \$24.53 from each fee going toward its repayment.

"I think, me being on the council for many years, that we have some projects that probably should have not been kicked down the road as far as

City Water and Sewer Bills Paid Every Other Month *

Huntley \$111.24
Cary \$119.48
Woodstock \$132.42
McHenry (with new base rates)
\$141.77
Mundelein \$147.84

 Mundelein
 \$147.84

 Crystal Lake
 \$157.16

 Algonquin
 \$180.20

 Wauconda
 \$205.68

 Lake Zurich
 \$225.96

* (6,000 gallons of usage monthly assumed)

Source: city of McHenry

they have," 1st Ward Alderman Vic Santi said in support of the base rate hikes. "And if we can put a program like this together with that type of commitment, I'm willing to move forward on it. It's a huge project, but I don't see it getting any smaller in the future."



Lake of the Hills, McHenry, and surrounding communities



Northern Moraine Wastewater Reclamation District Unpaid Bills As of November 5, 2021

	Туре	Date	Num	Due Date	Open Balance
ACCENT LANDSCAPE DESIGN	Bill	11/01/2021	1021-047	12/01/2021	1,770.00
Total ACCENT LANDSCAPE DESIGN					1,770.00
AEP ENERGY					
	Bill	10/18/2021	3014418075 - October	10/18/2021	101.70
	Bill	10/19/2021	3014417861 - October	10/19/2021	35.90
	Bill	10/19/2021	3014418020 - October	10/19/2021	188.88
	Bill	10/19/2021	3014418064 - October	10/19/2021	174.03
	Bill	10/19/2021	3014418031 - October	10/19/2021	76.24
	Bill	10/19/2021	3014417973 - October	10/19/2021	59.56
	Bill	10/19/2021	3014417984 - October	10/19/2021	95.52
	Bill	10/19/2021	3014418053 - October	10/19/2021	35.22
	Bill	10/19/2021	3014417849 - October	10/19/2021	8,388.67
	Bill	10/19/2021	3014417917 - October	10/19/2021	111.96
	Bill	10/19/2021	3014417951 - October	10/19/2021	73.04
	Bill	10/19/2021	3014417962 - October	10/19/2021	46.13
	Bill	10/19/2021	3014417995 - October	10/19/2021	107.77
	Bill	10/20/2021	3014418042 - October	10/20/2021	326.82
	Bill	10/20/2021	3014417906 - October	10/20/2021	235.36
	Bill	10/20/2021	3014417894 - October	10/20/2021	33.91
	Bill	10/20/2021	3014417850 - October	10/20/2021	52.18
	Bill	10/20/2021	3014417939 - October	10/20/2021	53.14
	Bill	10/20/2021	3014417928 - October	10/20/2021	85.48
	Bill	10/20/2021	3014417883 - October	10/20/2021	45.54
	Bill	10/20/2021	3014417872 - October	10/20/2021	75.33
	Bill	10/20/2021	3014417940 - October	10/20/2021	336.03
T-4-LAED ENEDOV	Bill	10/22/2021	3014418086 - October	10/22/2021	106.41
Total AEP ENERGY AMAZON CAPITAL SERVICES					10,844.82
	Bill	10/13/2021	1QGM-K4GX-RN4V	11/12/2021	17.98
	Bill	10/14/2021	19KM-MWVC-GGGC	11/13/2021	21.22
	Bill	10/14/2021	19KM-MWVC-HKF6	11/13/2021	19.99
	Bill	10/21/2021	1KNM-QVRF-6DDF	11/20/2021	14.99
	Bill	10/21/2021	1KNM-QVRF-7HYR	11/20/2021	334.83
	Bill	10/23/2021	17KY-CMTQ-4H3R	11/22/2021	38.90
	Bill	10/24/2021	114M-JYCV-JWQT	11/23/2021	24.99
	Bill	10/28/2021	1CGX-Q3HJ-3DDF	11/27/2021	37.99
Total AMAZON CAPITAL SERVICES					510.89
AT&T					
	Bill	10/28/2021	815344832610	10/28/2021	1,477.93
Total AT&T					1,477.93
AUTOMATION SERVICE & DESIGN, INC.					
	Bill	10/15/2021	2849	11/14/2021	260.00
Total AUTOMATION SERVICE & DESIGN, INC.					260.00
BITSPEED CONSULTING, INC					
	Bill	10/31/2021	10983	11/30/2021	508.00
Total BITSPEED CONSULTING, INC					508.00
BLUECROSS BLUESHIELD OF ILLINOIS					
	Bill	11/01/2021	Nov Statement	11/01/2021	118.58
Total BLUECROSS BLUESHIELD OF ILLINOIS CHASE BANK					118.58
	Bill	07/01/2021	Bank Charge	07/01/2021	450.18
Total CHASE BANK					450.18
CHEMTRADE CHEMICALS CORPORATION					

Northern Moraine Wastewater Reclamation District Unpaid Bills As of November 5, 2021

	Туре	Date	Num	Due Date	Open Balance
	Bill	10/22/2021	93229846	10/22/2021	5,215.05
Total CHEMTRADE CHEMICALS CORPORATION COM ED					5,215.05
	Bill	10/25/2021	3567414012	12/24/2021	74.87
	Bill	10/25/2021	3567415019	12/24/2021	522.92
Total COM ED					597.79
COMCAST CABLE					
	Bill	10/28/2021	November Charges	10/28/2021	313.59
Total COMCAST CABLE					313.59
CORKILL INSURANCE					
	Bill	09/27/2021	17887	09/27/2021	100.00
	Bill	10/20/2021	18003	10/20/2021	8,000.00
Total CORKILL INSURANCE					8,100.00
COVALEN					
	Bill	10/20/2021	71456	10/20/2021	12,730.00
	Bill	10/20/2021	71457	10/20/2021	16,930.00
Total COVALEN					29,660.00
EUROFINS TESTAMERICA					
	Bill	10/15/2021	1500014497	10/15/2021	615.00
Total EUROFINS TESTAMERICA					615.00
GACRUX	D:II	4.4/0.4/0.004	2042	10/01/0001	700.00
T 0.000	Bill	11/01/2021	2016	12/01/2021	720.00
Total GACRUX					720.00
H.T. STRENGER INC	Dill	10/07/2021	1044070	40/07/2024	1 004 00
	Bill Bill	10/07/2021	I914970	10/07/2021	1,004.00
		10/08/2021	I915131	10/08/2021	1,450.00
	Bill Bill	10/15/2021	I915130	10/15/2021	836.00 405.00
	Bill	10/15/2021 10/21/2021	1915110 1915235	10/15/2021 10/21/2021	1,216.00
Total H.T. STRENGER INC	DIII	10/21/2021	1010200	10/21/2021	4,911.00
HAINESVILLE PRINT-COPY & MAIL					4,911.00
TAINESVILLE PRINT-OOF I & MAIL	Bill	08/05/2021	18920	08/05/2021	241.75
Total HAINESVILLE PRINT-COPY & MAIL	Dill.	00/00/2021	10020	00/00/2021	241.75
HYDROTEX					241.70
	Bill	10/28/2021	464309	11/27/2021	427.38
Total HYDROTEX	5	.0/20/202.	10 1000	,,	427.38
IN-PIPE TECHNOLOGY					.21.00
	Bill	10/31/2021	2011	11/30/2021	2,500.00
Total IN-PIPE TECHNOLOGY					2,500.00
LUBE PLUS					_,
	Bill	10/29/2021	737410	11/28/2021	71.49
	Bill	10/29/2021	737417	11/28/2021	71.49
Total LUBE PLUS					142.98
MCCANN INDUSTRIES INC					
	Bill	10/13/2021	P26517	10/13/2021	149.04
Total MCCANN INDUSTRIES INC					149.04
MINUTEMAN PRESS					
	Bill	10/29/2021	95648	10/29/2021	246.05
Total MINUTEMAN PRESS					246.05
NEWCASTLE ELECTRIC INC					
	Bill	10/21/2021	2487	10/21/2021	10,946.63
Total NEWCASTLE ELECTRIC INC					10,946.63
NICOR GAS					

Northern Moraine Wastewater Reclamation District Unpaid BillsAs of November 5, 2021

	Туре	Date	Num	Due Date	Open Balance
	Bill	10/08/2021	2629 Wisteria	10/08/2021	140.03
	Bill	10/08/2021	420 Timber	10/08/2021	139.66
	Bill	10/08/2021	100 Rawson	10/08/2021	133.12
	Bill	10/08/2021	113 Timber	10/08/2021	48.37
	Bill	10/08/2021	27715 Rt 120 Lakemoo	10/08/2021	75.67
	Bill	10/11/2021	500 Wegner	10/11/2021	48.26
	Bill	10/11/2021	316 Venice	10/11/2021	43.71
	Bill	10/13/2021	127 South	10/13/2021	138.21
Total NICOR GAS					767.03
PDC LABORATORIES INC					
	Bill	10/06/2021	19485532	11/05/2021	133.35
Total PDC LABORATORIES INC					133.35
POLYDYNE INC					
	Bill	10/26/2021	1587991	11/25/2021	3,094.65
Total POLYDYNE INC					3,094.65
SUBURBAN LABORATORIES INC					0,001.00
CODOND/AV EADONAVIONAZO INC	Bill	10/05/2021	194983	11/04/2021	667.00
Total SUBURBAN LABORATORIES INC	2	.0,00,202.	101000	, 0 ., 202 .	667.00
THE FLOLO CORPORATION					007.00
THE FLOCO CONFORMATION	Bill	10/05/2021	451106	11/04/2021	142.78
Tatal THE ELOLO CORRODATION	DIII	10/03/2021	451100	11/04/2021	
Total THE FLOLO CORPORATION					142.78
TROTTER AND ASSOCIATES, INC	D:II	00/00/0004	40005	00/00/0004	040.75
	Bill	09/30/2021	19005	09/30/2021	648.75
	Bill	09/30/2021	18999	09/30/2021	173.00
	Bill	09/30/2021	18997	09/30/2021	244.25
	Bill	09/30/2021	18998	09/30/2021	466.25
	Bill	09/30/2021	18996	09/30/2021	1,038.00
	Bill	09/30/2021	19000	09/30/2021	34,932.25
	Bill	09/30/2021	19003	09/30/2021	99.39
	Bill	09/30/2021	19002	09/30/2021	3,739.00
	Bill	09/30/2021	19001	09/30/2021	1,211.00
	Bill	09/30/2021	19004	09/30/2021	2,840.00
Total TROTTER AND ASSOCIATES, INC					45,391.89
TRYON GOVERNMENTAL CONSULTING					
	Bill	11/01/2021	1201928	12/01/2021	3,000.00
Total TRYON GOVERNMENTAL CONSULTING					3,000.00
VERIZON					
	Bill	10/18/2021	9890897460	11/17/2021	517.35
Total VERIZON					517.35
VIKING CHEMICAL COMPANY					
	Bill	10/22/2021	119154	11/21/2021	963.82
	Bill	10/27/2021	119363	11/26/2021	1,471.93
Total VIKING CHEMICAL COMPANY					2,435.75
WASTE MANAGEMENT					
	Bill	10/29/2021	3737767-2013-9	10/29/2021	333.11
Total WASTE MANAGEMENT					333.11
WAUCONDA CAR WASH					333.71
	Bill	09/30/2021	101746	09/30/2021	44.97
Total WAUCONDA CAR WASH	5	00,00,2021		00.00,2021	44.97
TAL					137,254.54
					,