

Public Utilities Committee

Tuesday, September 21, 2021

6:00 PM

McFarland Municipal Center
Community Room

AGENDA

You are invited to this meeting through a Zoom webinar. The public is strongly encouraged to watch and participate in these meetings remotely through either the webinar or telephone options listed below.

PLEASE CLICK THE LINK BELOW TO JOIN THE ZOOM WEBINAR:

<https://us02web.zoom.us/j/87823737088>

Or by Telephone: +1 (312) 626-6799

Webinar ID: 878 2373 7088

1. CALL TO ORDER, ROLL CALL.
2. PUBLIC APPEARANCES.
 - a. This is an opportunity for members of the public to address the Village Board. Please remember this is a virtual meeting conducted through the Zoom online meeting platform. Zoom meeting attendees wishing to address the board may do so using the Question and Answer feature within the Zoom online meeting platform. You may state your name, address, and provide your comments to the board for their consideration. Members of the public who are present in person and wish to address the board should fill out a public comment form and turn into the meeting chairperson. Members of the public may speak during public appearances or during their selected agenda item as they designate on the public comment form. Please adhere to the 3-minute time limit. Additionally, you may send your public comments to aimie.irwin@mcfarland.wi.us to be included as part of the meeting.
3. APPROVAL OF MINUTES.
 - a. Discussion and action regarding the minutes from the joint meeting of Public Works and Public Utilities held on August 10, 2021.
 - b. Discussion and action regarding the minutes from the Public Utilities meeting held on July 20, 2021
4. BUSINESS.
 - a. Presentation and update regarding the Salt Saver Pilot Project with Madison Metropolitan Sewerage District (MMSD).
 - b. Discussion regarding funding allocation to the utilities funds associated with street projects.
 - c. Discussion and action regarding tuck pointing for Well #1.
 - d. Presentation of the Public Works Director's monthly report

5. SCHEDULE NEXT MEETING DATE.

- a. Tuesday, October 19, 2021 at 6:00 p.m.

6. ADJOURNMENT.

This meeting notice constitutes an official meeting of the above referenced group and was posted in accordance with all applicable laws related to Open Meetings Law. It is possible that members of and possibly a quorum of members of other governmental bodies of the municipality may be in attendance at the above stated meeting to gather information. No action will be taken by any governmental body at the above stated meeting other than the governmental body specifically referred to above in this notice. Upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals. For additional information or to request this service, contact the McFarland Municipal Center at (608) 838-3153 or cassandra.suettinger@mcfarland.wi.us.

VILLAGE OF MCFARLAND

Joint Public Works and Public Utilities Committees Minutes

Tuesday, August 10, 2021 - 6:00 PM

1. CALL TO ORDER, ROLL CALL.

Ed Wreh, Chair of the Public Utilities Committee, called the joint meeting of the Public Works and Public Utilities Committee to order at 6:01 PM in the Community Room. This meeting was held via Zoom.

Members present: Ed Wreh, Carrie Nelson, Pauline Boness, Chris Fredrick, Marc Nielsen, Eric Kryzenske, Marv Meyers, Jerry Adrian, Justin Rupert, Chris St. Clair and, Village President, Carolyn Clow.

Members not present: Christopher Reynolds and Peter Robinson

Staff Present: Jim Hessling (Director of Public Works), Lee Igl (Streets and Utilities Superintendent), Matt Schuenke (Village Administrator), Aimee Irwin (Assistant to the Public Works Director), Town & Country Engineering staff--Brian Berquist and Tim Stieve.

2. PUBLIC APPEARANCES.

- a. *This is an opportunity for members of the public to address the Village Board. Please remember this is a virtual meeting conducted through the Zoom online meeting platform. Zoom meeting attendees wishing to address the board may do so using the Question and Answer feature within the Zoom online meeting platform. You may state your name, address, and provide your comments to the board for their consideration. Members of the public who are present in person and wish to address the board should fill out a public comment form and turn into the meeting chairperson. Members of the public may speak during public appearances or during their selected agenda item as they designate on the public comment form. Please adhere to the 3-minute time limit. Additionally, you may send your public comments to aimee.irwin@mcfarland.wi.us to be included as part of the meeting.*

None.

3. BUSINESS.

- a. *Discussion and action to make a recommendation to the Village Board regarding the Paving and Utility Improvement Plan.*

Brian Berquist provided background regarding this item. The Pavement and Utility Improvement Plan was previously presented to both committees for review. Following initial review, staff along with Town & Country Engineering updated projects, the year in which projects are projected to occur and cost projections. The updated draft of this plan is included within the packet. Berquist reviewed the projects included within the plan for 2022 and 2023.

- Pauline Boness asked what the RC abbreviation signifies within the plan. Brian Berquist stated that RC stands for rural conversion which would add curb and

gutter to the roadway.

- Marc Nielsen expressed that the allocation of 50% of street replacement costs being expended to the water utility appears to be excessive and a policy issue that could be further discussed. Berquist responded that the allocation to water utility is historical of the Village but could be reviewed.
- Carolyn Clow asked if the presented plan includes funds that help to adequately address pavement conditions. Berquist responded that the fund estimates will help to address pavement concerns and connect to the WISLR model which estimates the funds required.
- Eric Kryzenske asked if sanitary sewer would be added to Terminal Drive if not present. Berquist stated that sanitary sewer would be added from Lift Station 4 to the north.
- Jerry Adrian was concerned about the adjustments from the previous review, for example, the changes to Overlook Drive. Berquist responded that during the field review it was assessed that the pavement appeared to be a surface layer failure for Overlook Drive. The 2021 work projected for Overlook Drive would include mill and overlay of the roadway.
- Ed Wreh asked what the expenditures are to date for the Broadhead Street 2021 construction. Berquist believes the project is under budget but is still wrapping up final expenses. Additional information can be shared with the committee once tabulated.

Matt Schuenke reiterated that the work planned in 2021 for Overlook Drive would be a complete mill and overlay process. Carolyn Clow expressed that the residents on Overlook Drive would be receiving more benefit with the presented plan versus previous plans for only patch work.

- Ed Wreh asked about the longevity of the repair work on Overlook Drive. Berquist stated an anticipated 10 to 15 years estimated life for the mill and overlay work.
- Carolyn Clow asked what contractor will be completing the work in 2021. Berquist responded Payne and Dolan, who is the subcontractor of Cattell.
- Pauline Boness asked if the Paulson Road connection was included with the project scope. Berquist responded that the connection had been included.
- Jerry Adrian asked how often the police or fire department had utilized Storck Road to access the Interstate. Schuenke responded that approximately two times per month.
- Chris Fredrick asked if Madison would share in any costs for repairs to Storck Road. Schuenke responded that it would be unlikely that Madison would share in the expenditures.
- Chris St. Clair asked if new roadways would need to be added to this plan in the future. Schuenke responded that the plan will be revised on an annual basis which could result in additions and other changes.
- Pauline Boness asked about additional utility projects that have been identified but not included within the presented plan. Schuenke responded that the presented plan is meant to set up the paving plans. Other projects related to

facility needs will be added to CIP and reviewed at a future meeting.

Motion by Ed Wreh, second by Justin Rupert, to recommend approval to the Village Board regarding the Paving and Utility Improvement Plan. Motion carries 10 - 0 - 0.

b. Discussion and action to make a recommendation to the Village Board regarding Town and Country's proposal for design services for the 2022 Paving and Utility Improvement projects.

Matt Schuenke provided that, following the previously approved plan, we now need to begin designing the projects for 2022. Design plans would occur over the winter and bidding would occur in the spring of 2022 for work completion in the summer. Berquist reviewed the included proposal for the design services related to the 2022 Paving and Utility Improvement projects.

- Carrie Nelson reviewed a typo within the proposal which Berquist acknowledged and stated that the typo would be corrected.
- Carrie Nelson asked about the third party items identified in the proposal in terms of the likelihood of them occurring. Berquist reviewed the items listed and their likelihood of being required.

Motion by Chris St. Clair, second by Ed Wreh, to recommend approval to the Village Board regarding Town and Country's proposal for design services for the 2022 Paving and Utility Improvement projects. Motion carries 10 - 0 - 0.

c. Update and discussion regarding sewer rates and the sewer rate study

Berquist provided background regarding sewer rates and stated the last increase occurred in 2020. Presented to the committee was a chart depicting Madison Metropolitan Sewerage District (MMSD) rate multipliers data by year, including the various components of the rate charges. Also provided during the meeting was the true-up document for data through July 31, 2021. Berquist provided the key takeaways, including O&M expenses that were higher than projected, along with user charge revenues. Berquist will need to further review the O&M expenses with staff and would recommend review of this data once audited numbers have been compiled for 2021. By delaying the rate increase during 2020, the utility did not receive an additional \$180,000 in revenue.

- Ed Wreh asked why the sewer rate increase was delayed from April to August 2020. Schuenke responded that the delay was caused by the COVID-19 pandemic and matched other agencies or municipalities that also delayed rate increases due to the pandemic.

d. Discussion and action to make a recommendation to the Village Board regarding the utility's meter reading and installation process.

Aimee Irwin provided background for the possible future of meter reading for the utility. Additional information was provided to the committee members regarding the funding for the meter replacement project. It is recommended that the replacement project will

occur over a three-year period. Hardware/software costs, including any contractor for installation, would be funded by borrowed money through the water utility. Service fees or annual fees will be funded through the Support Services line of the utility and would require an increase for future budgets. Irwin also stated that if a change is approved, a Public Service Commission (PSC) Construction Authorization would be required.

- Chris Fredrick asked if the process could be extended over a longer period of time or would the three year approach be more appropriate. Fredrick also asked if the utility was experiencing failures with the 60W or 100W endpoints. Irwin responded that it is recommended that the replacement schedule occur over a three-year period to condense the time for reading software and varied hardware in the field. The utility has not experienced any 60W or 100W endpoints failing.
- Marc Nielsen asked if the cost of installation qualifies to be included in the capital funds. Irwin responded that it is anticipated that the contractor installation costs would be included within the capital funds.
- Chris St. Clair asked if there was an option to lease the hardware. Irwin stated that the utility is required to own the meter hardware in the field.

Motion by Ed Wreh, second by Chris Fredrick, to recommend to the Village Board approval of the meter reading process for the utility to a cellular AMI format and contracting the installation process. Motion carries 6 - 0 - 0. This motion was established and voted on by the Public Utilities Committee.

e. Presentation of the Public Works monthly report.

This item was reviewed out of order. Jim Hessling presented the monthly Public Works report for July and asked if there were any questions.

- Chris Fredrick asked what caused the damage to the forcemain at McDaniel. Hessling responded that there was no specific indication but a kink was found in the pipe which had been repaired.
- Carrie Nelson asked if there had been any feedback regarding the anticipated rate increase. Aimee Irwin stated that the Public Works office has not received any phone calls or emails about the anticipated water rate increase.
- Ed Wreh asked if the sewer forcemain issue at McDaniel contributed to the restrooms being closed and if they had been reopened. Hessling responded that restrooms were shut down due to the sewer issue but they are open now.

4. SCHEDULE NEXT MEETING DATE.

- a. Public Works: Tuesday, September 14, 2021 at 6:00 p.m.*
Public Utilities: Tuesday, September 21, 2021 at 6:00 p.m.

5. ADJOURNMENT.

Motion by Ed Wreh, second by Chris Fredrick, to adjourn at 7:58 p.m. Motion passed 6-0-0

Pursuant to law, written notice of this meeting was given to the public and posted on the public bulletin boards in accordance with Open Meetings Law.

Respectfully submitted,
Aimee Irwin
Assistant to the Public Works Director

VILLAGE OF MCFARLAND
Public Utilities Committee Minutes

Tuesday, July 20, 2021 - 6:00 PM

1. CALL TO ORDER, ROLL CALL.

Ed Wreh called the regular meeting of the Public Utilities Committee to order at 6:00 PM in the Community Room.

Members present: Chris Fredrick, Marc Nielsen, Chris Reynolds, Carrie Nelson, Edward Wreh, Eric Kryzenske

Members not present: Pauline Boness

Staff Present: Jim Hessling (Director of Public Works), Lee Igl (Streets and Utilities Superintendent), Aimee Irwin (Assistant to the Public Works Director), Brian Berquist (Town and Country Engineering), Tim Stieve (Town and Country Engineering)

2. PUBLIC APPEARANCES.

No public appearances.

- a. *This is an opportunity for members of the public to address the Village Board. Please remember this is a virtual meeting conducted through the Zoom online meeting platform. Zoom meeting attendees wishing to address the board may do so using the Question and Answer feature within the Zoom online meeting platform. You may state your name, address, and provide your comments to the board for their consideration. Members of the public who are present in person and wish to address the board should fill out a public comment form and turn into the meeting chairperson. Members of the public may speak during public appearances or during their selected agenda item as they designate on the public comment form. Please adhere to the 3-minute time limit. Additionally, you may send your public comments to aimee.irwin@mcfarland.wi.us to be included as part of the meeting.*

3. APPROVAL OF MINUTES.

- a. *Discussion and action regarding the minutes from the Public Utilities meeting held on June 15, 2021.*
Motion by Chris Fredrick, second by Christopher Reynolds, to approve the minutes from the Public Utilities meeting held on June 15, 2021. Motion carries 5-0-1 with Eric Kryzenske abstaining.

4. BUSINESS.

- a. *Discussion regarding meter reading and future options*
Aimee Irwin provided background related to the possible future of meter reading for the utility. Provided in the packet is an additional cost estimate if a mobile drive-by format would be selected. Also included is a PowerPoint presentation visually representing the data contained on both the mobile drive-by and cellular cost estimates. Steve Dauster with Midwest Meter was present to assist in explanation and answering questions.

- Eric Kryzenske asked for additional information related to the statement that most utilities are moving to a cellular meter reading format. Irwin and Dauster stated that the industry is moving this way in that mobile drive-by and other meter reading formats are being phased out.
- Carrie Nelson asked if the customer access option would only be available with the cellular reading format. Dauster responded that the customer access option is available with other formats not only cellular.
- Ed Wreh asked what the current annual costs are for the hardware/software being utilized by the utility and costs associated if the utility remains status quo. Dauster stated that there will be hardware and software required updates in terms of support, hardware such as the handheld for reading and updates to the software. Irwin was unable to provide the exact quarterly fees associated with FCS/Itron (software) system but did state that if the handheld failed, the utility would need to purchase a \$2,000 handheld to continue to read meters. Dauster also stated that the utility needs to make a decision on replacement of the 50W endpoints that are failing in the system.
- Chris Reynolds asked what the lifespan would be on the new system if adopted. Dauster stated that the new transmitters have a 20 year life and the software which is cloud based would be continually refreshed.
- Carrie Nelson asked if the 50W, 60W, 100W replacements would be completed as the units fail. Irwin responded that we would establish a replacement schedule and not necessarily wait till the units fail. The reason for this is that if we update the hardware and software that new setup will not read the 50W endpoints which means the utility will operate on two systems temporarily. The hardware/software upgrade along with the 50W replacement could be completed concurrently to shorten the window.
- Ed Wreh asked how much staff time is allocated for our current meter reading. Irwin stated that the amount varies but we would estimate 15 to 30 minutes per daily final read with the possible of multiple a day Monday through Friday. Each month the cycle reading is approximately three to four hours in length.
- Carrie Nelson asked for clarification regarding the service costs that were identified and the difference in cost between the two reading formats. Dauster responded that cellular does have a higher service costs than the mobile drive-by format. Irwin stated that the service costs include the per unit service cost, the reading fees (mobile service units) and the annual license user login.
- Ed Wreh asked how does a new software benefit consumers. Dauster stated that it would allow consumers to monitor water usage on a 15 minute basis, monitor for water conservation, allows the utility to understand how customers are utilizing water to assist with answering consumer questions.
- Chris Fredrick asked if the committee would need to make a recommendation for installation. Irwin responded that staff would encourage that a company is contracted to complete the necessary replacements due to department staffing levels. The committee can provide their recommendation of an installation process with their recommendation of the future meter reading approach.

Committee members recommended bringing back information on funds for this project including any allocations. The committee would also like to see a benefit analysis for the Village and staff to change to a new meter reading process.

b. Discussion regarding pavement replacement timeline

Brian Berquist with Town & Country Engineering provided background regarding the development of a pavement replacement timeline. Provided to the committee was an overview of infrastructure costs for water mains, sanitary sewer and streets which included an assumed service life and estimated depreciation each year. The assumed service life and estimated depreciation is to help provide guidance of how much a committee of McFarland's size should spend each year.

- Chris Reynolds asked where the traffic data was collected from. Berquist responded the data is provided by the State and some by the County.
- Marc Nielsen asked if curb replacement costs were expensed to the stormwater utility. Berquist stated yes those funds are from the stormwater utility.
- Chris Reynolds asked if public input was incorporated into the pavement plan. Berquist responded that the input is subjective and could be gathered by the Public Works Department, at Committee meetings or various other sources.
- Eric Kryzenske asked for clarification regarding the assumed service life and estimated depreciation document presented. Berquist responded that the document was intended to be a point of reference.
- Marc Nielsen asked what the Terminal Drive bridge project would encompass. Berquist responded that the Terminal Drive bridge is related to the stormsewer from the Terminal Drive corridor to the railroad corridor that is in need of repairs.
- Ed Wreh asked what the village can do to help improve the longevity of projects. Berquist stated that inspections when projects are being conducted and ongoing maintenance are efforts that can assist with longevity which staff are currently performing.
- Eric Kryzenske asked if the WISLR data is for the current year or expected rating in the applicable year. Berquist stated the WISLR data is for the current year. Kryzenske also asked if the project costs include inflation. Berquist stated the costs are 2021 based.

c. Update regarding the conventional rate case.

Aimee Irwin provided an update regarding the conventional rate case including the effective date of the new rates and the various formats that notifications have been sent to utility customers. Monthly billing will be prorated for the months of August and September along with final bills based on their respective dates. The new rates will be fully incorporated by the October billing cycle.

d. Presentation of the Public Works monthly report

Jim Hessling provided the Public Works monthly report for the month of June.

- Chris Fredrick asked if the cause was found for the South Court watermain breaks. Hessling responded that it may have been caused by the installation

techniques along with some pipe delamination.

5. SCHEDULE NEXT MEETING DATE.

a. Discussion of Hybrid Meetings 2.0.

Nicholas Boucher provided an update regarding the meeting format that will begin on August 2, 2021 which will include encouraging committee members and staff to attend meetings in person. At this time masks will be required while in attendance in person.

b. Joint meeting with Public Works on Tuesday, August 10, 2021 at 6:00 p.m.

6. ADJOURNMENT.

Motion by Ed Wreh, second by Chris Fredrick, to adjourn at 7:56 p.m. Motion carries 6 - 0 - 0.


VILLAGE OF
McFarland
SUMMARY SHEET

MEETING DATE: Tuesday, September 21, 2021

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Jim Hessling, Public Works Director, Aimee Irwin, Assistant to the Public Works Director

AGENDA ITEM: Presentation and update regarding the Salt Saver Pilot Project with Madison Metropolitan Sewerage District (MMSD).

PREVIOUS ACTION:

None.

ISSUE SUMMARY:

The Public Utilities Committee previously approved the Salt Saver Pilot program in October of 2019. The Salt Saver Pilot program's goal is to reduce the amount of sodium chloride that is received at MMSD. The pilot program encourages residents to evaluate their water softener within their home to determine if the unit could be optimized or if deemed a "clunker", potentially replaced. Village of McFarland residents would be offered rebates in the amount of \$75 for optimizations and \$200 for units that are replaced. The update for this meeting will be provided by the MMSD pilot program leads Emily Jones and Catherine Harris.

FINANCIAL/BUDGET IMPACT:

None.

VILLAGE PLAN REFERENCE:

None.

ORDINANCE REFERENCE:

None.

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

None.

ATTACHMENTS:

1. McFarland pilot overview 9.20.21

McFarland Salt Savers Pilot Program

Overview and Initial Insights

Madison Metropolitan Sewerage District



1

The chloride challenge

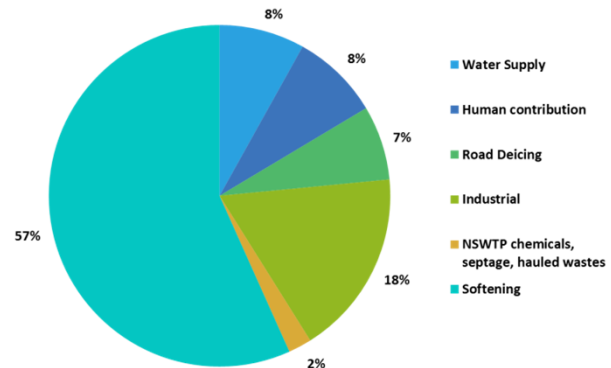
- The District's treatment plant, like most plants, cannot remove chloride from water
- Chloride levels at the treatment plant can exceed Wisconsin water quality criterion
- Installing treatment technology to remove chloride from wastewater would raise sewer bills anywhere from 55-500%



2

Why home softener improvements?

- Most chloride the District receives is from water softening
- About 50,000 pounds per day (out of 130,000 total) from home softeners
- Many softeners are old or are configured inefficiently and so they use more salt than needed



Madison Metropolitan Sewerage District

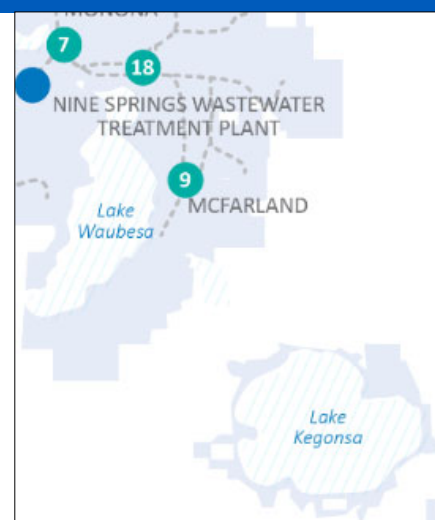
3

Salt Savers Pilot Program

What: A project to test a structure to motivate home water softener improvements.

Goals:

- Better understand what does/does not incentivize voluntary softener improvements
- Build a base of softener service providers knowledgeable about softening efficiency and salt reduction
- Test administrative model working with municipal partners



4

How it works

MMSD

- Trains softener service providers
- Develops program resources
- Works with administrative staff at partner communities
- Provides funding for incentives and staff time

Softener service providers

- Take training to become eligible program providers
- Carry out softener improvements
- Document improvements in reporting app

Municipal staff

- Review submitted service reports
- Issue reimbursement to residents
- Work with MMSD to resolve any reporting/job issues
- Help promote program

Residents

- Take softener self-screen (optional) to assess eligibility for program
- Have their softener improved by program provider
- Receive rebate

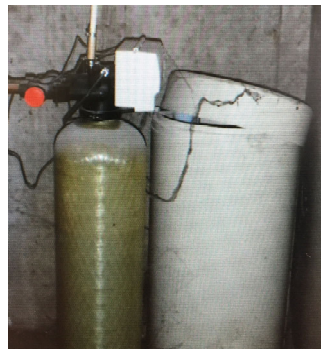
Madison Metropolitan Sewerage District



5

Incentives

- Flat rebate amounts for simplicity
- **\$75** for a water softener evaluation and/or optimization
- **\$200** to replace a softener identified as an inefficient "clunker" unit
- Funding provided by MMSD and rebates issued as checks from Village



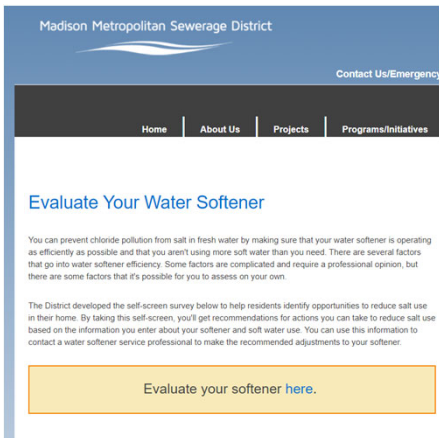
Madison Metropolitan Sewerage District



6

Residents opt in to program

Self-screen launch page



Example recommendations

Based on your responses to the softener self-screen, we recommend you take the actions below to ensure that your softener is using as little salt as possible.

- The amount of salt your softener is high for a single-family home. Contact a trained service provider to assess your softener to determine if there are any issues with your softener causing it to use too much salt.
- Because your softener is classified as an inefficient unit, we recommend that you have this unit replaced with a more efficient softener or other approved device by a trained service provider.

Next steps to participate in the Salt Savers pilot program:

- 1) Contact a trained service provider. The provider you indicated in the self-screen form is:
 - Provider: No preference
 - Visit www.madsewer.org/SaltSavers#Providers for a list of trained service providers to contact for a service.

7

Trained providers perform services

Trained providers listed on program page

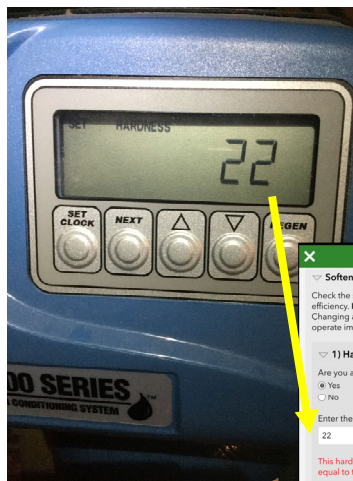
Trained Softener Service Providers

The service providers listed below have completed training from MMSD about salt reduction, softener efficiency, and use of the MMSD reporting app. More providers will be added to this list as they complete training.

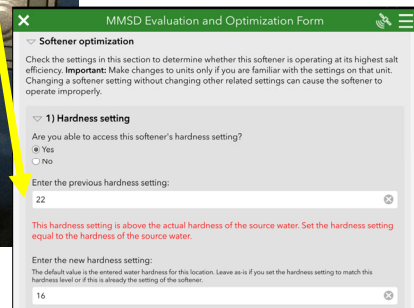
Different providers have different specialties, so use the information below to determine who to call for the appropriate service. For example, if you are having a new unit installed to replace a "dunker," call a service provider who has indicated that they are willing to perform installations of new efficient units in the table below.

Remote evaluations: It's possible to have your softener evaluated remotely, such as through a video call with a participating service provider. Check the "Offering remote evaluations" column to find providers who are offering softener evaluations remotely.

Company	Trained providers	Contact Information	Evaluation of existing softener	Offering remote evaluations	Optimization of existing softener	Installation of new efficient unit	Preferred brands for optimizations
Addie Water	Dan Addie, Joel Addie, Terry Addie, Jason DeLong, Brian Monroe	1-800-982-1652	X	Yes	X	X	Addie, Capital, Culligan, Fox, Hellenbrand, Morton, Omni, Supreme
AirWater	John Menz	608-831-3033	X			X	HydroFlow salt-free water conditioner (installations)
All Comfort	Pat Ace, Rich						Capital, Env



On jobs, they document condition of softener and improvements made



8

McFarland staff review submitted jobs

Madison Metropolitan Sewerage District
Salt Savers Pilot Program Tracking

Emily Jones
Salt Savers Pilot Manager

Review Status	Customer's utility account number	Provider	Company	Date
Reviewed: ready to pay	10180000	Hartin, William	Capital Water	09/10/2021
Reviewed: ready to pay	10397000	Hartin, William	Capital Water	09/07/2021
Reviewed: ready to pay	10935001	O'Connell, Scott		09/07/2021
Reviewed: ready to pay	25441001	Dahms, Adam	Hellenbrand	09/03/2021
Reviewed: ready to pay	11244001	O'Connell, Scott		09/01/2021

Replacement at 5200 Cook street

Review Status	Reviewed: ready to pay
Service Type	Replacement
Customer's utility account number:	10180000
Provider	Hartin, William
Company	Capital Water
Date	9/10/2021

9

Program participation to date

Official program launched on 11/15/2020

74 services documented total

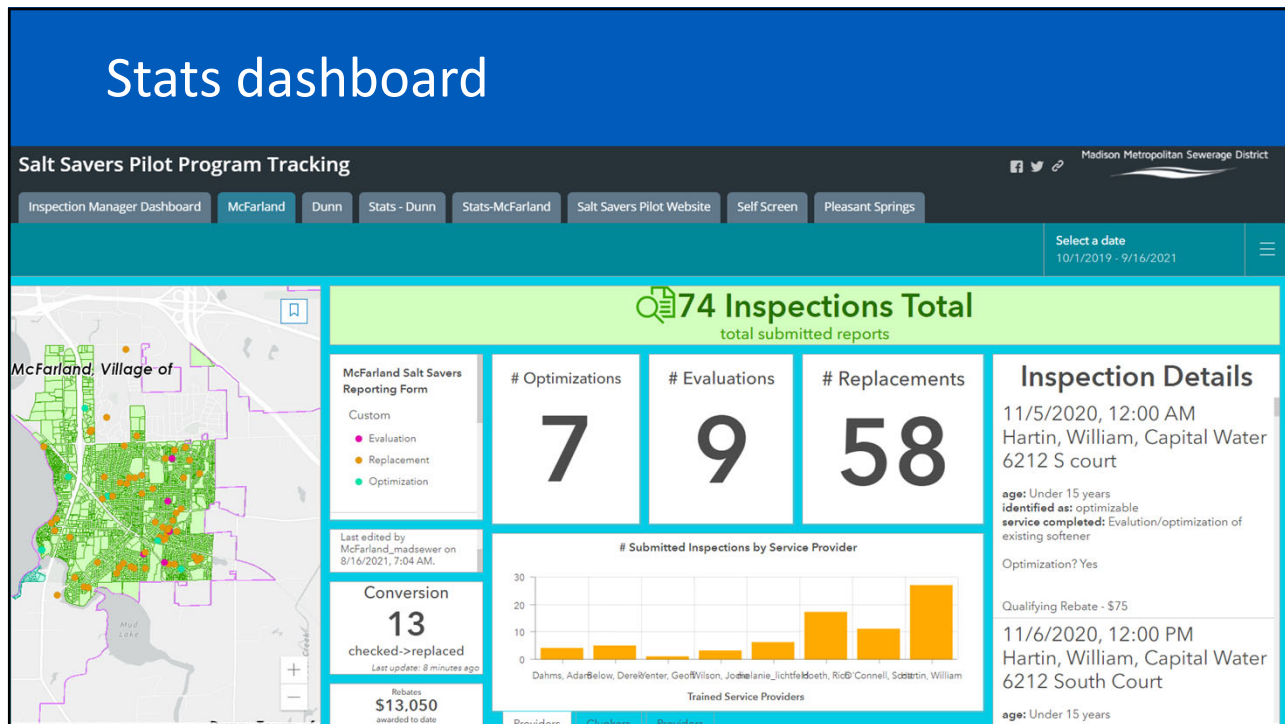
30.75 lbs. salt reduced/day (18.45 lbs. chloride reduced/day)

Cumulative number of softener services in McFarland

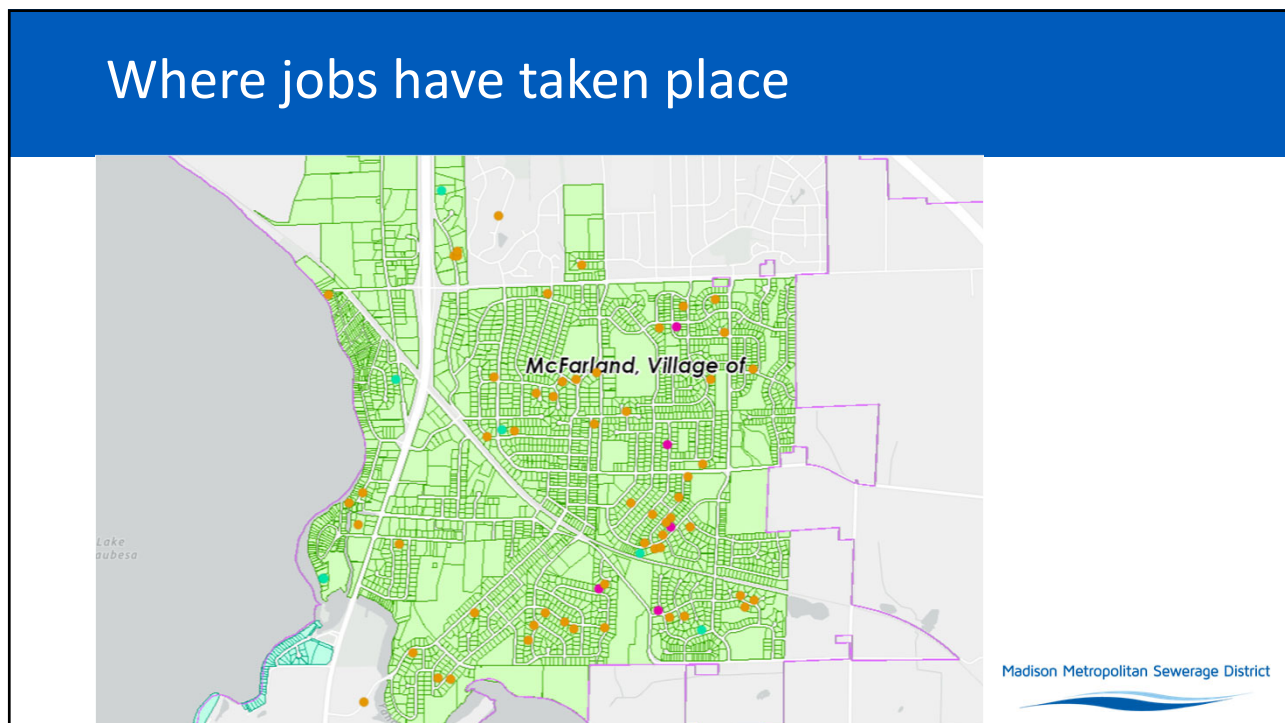
Date	Cumulative Services
11/15/2020	2
12/1/2020	10
1/1/2021	15
2/1/2021	25
3/1/2021	30
4/1/2021	35
5/1/2021	40
6/1/2021	48
7/1/2021	58
8/1/2021	65
9/1/2021	74

Madison Metropolitan Sewerage District

10



11



12

Outreach efforts – resident communications

Postcard mailed to ~3000 McFarland residents



Mentions in Outlook/Lookout newsletters



13

Outreach efforts – media

McFarland Thistle article, 8/2/21



Social media



14

Outreach efforts – local fliers and signs

McFarland House Cafe



Thursday Farmers' Market



Public Works Day



Signs posted in municipal buildings and businesses

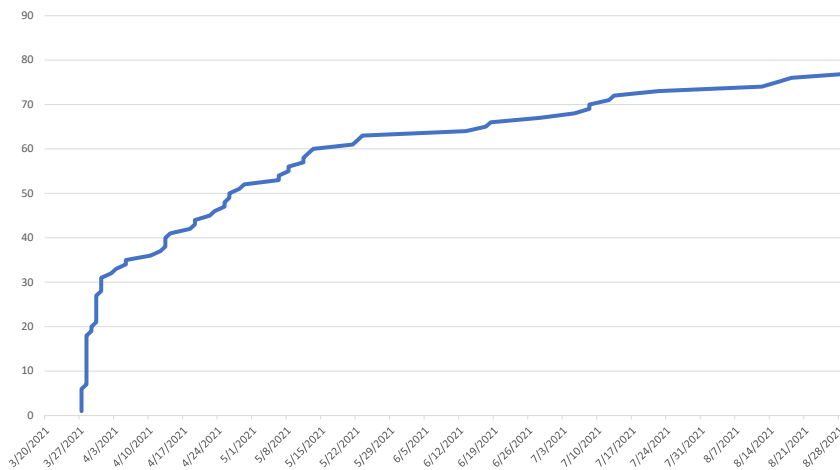


Madison Metropolitan Sewerage District

15

McFarland resident participation in self-screen

Cumulative number of self-screens completed by McFarland residents

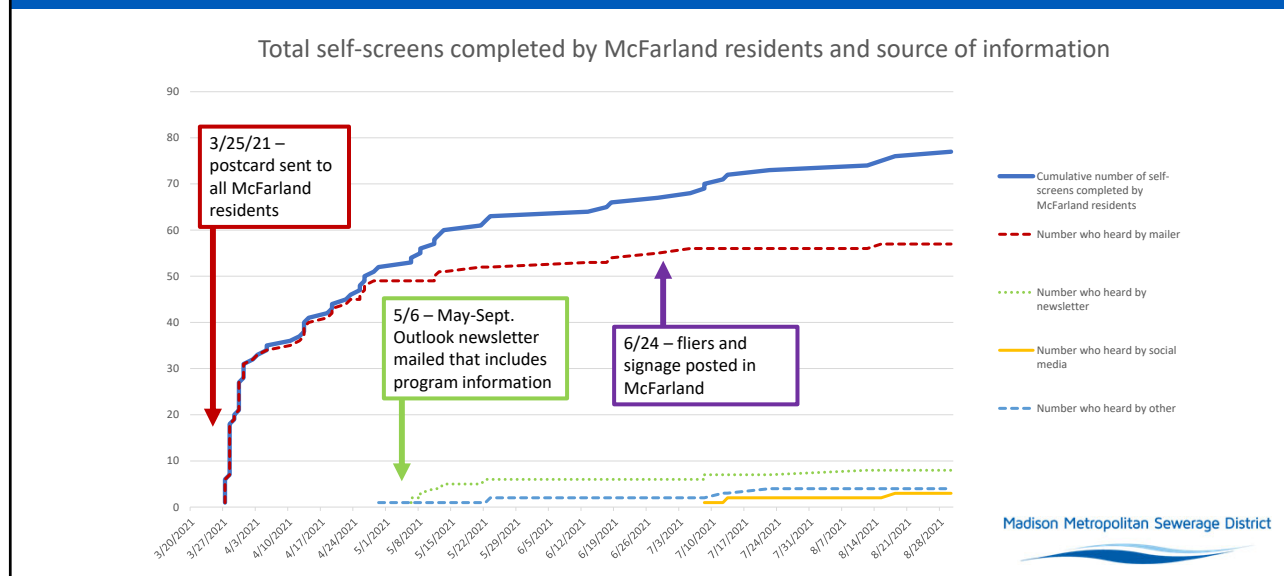


77 total to date

Madison Metropolitan Sewerage District

16

Where people are hearing about program



17

Self-screen to softener action conversion

11 out of 77 McFarland residents who took the self-screen followed through and obtained softener service through rebate program

Survey of self-screen takers in McFarland who had not taken action as of August:

- 6/32 said they planned to replace their softeners
- 3/32 said they didn't plan to replace their softener (priority; cost)
- 1/14 said they planned to have their softener optimized
- 5/14 said they didn't plan to optimize their softener (priority; rebate not enough of a motivator)

Madison Metropolitan Sewerage District

18

Remaining questions

- What are barriers and motivators to residents taking action to improve their softeners?
- What is the level of awareness of the program in McFarland, and what opportunities are there to increase awareness?
- Ultimately: Is this program structure a cost-effective way for the District to reduce chloride levels?

Madison Metropolitan Sewerage District



19

Identifying barriers/motivators

- Information saturation – continued outreach through end of program (anticipated ~May 2022) to raise awareness
 - Increase social media presence; additional mailed materials and other outreach approaches
- Test promotions to grab attention and motivate action
 - E.g.: potential gift card giveaways for self-screen takers or people who schedule softener services
- Survey residents and self-screen takers about program awareness and barriers to action

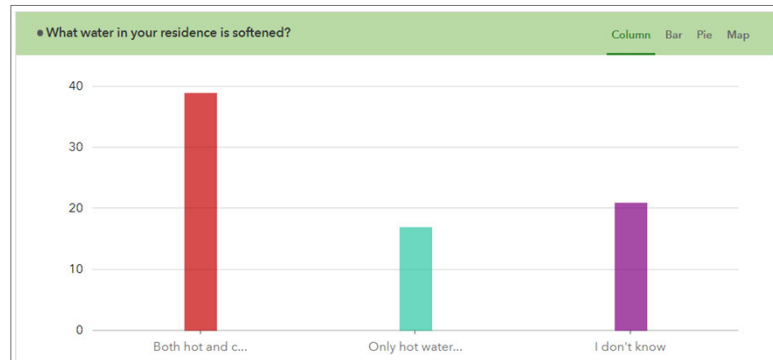
Madison Metropolitan Sewerage District



20

Identifying other potentials for salt reduction

Example: can we motivate residents to soften less water by softening only hot water, rather than both hot and cold?



Madison Metropolitan Sewerage District

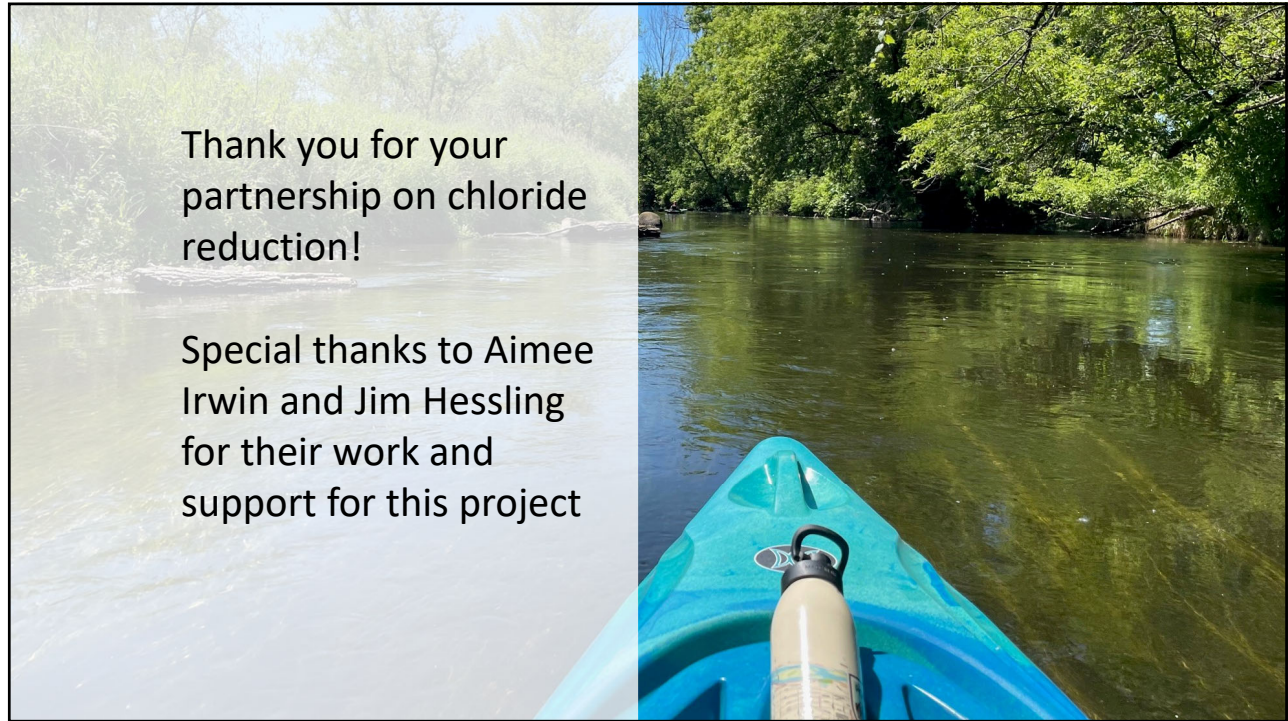
21

What you can do

- Take the softener self-screen (madsewer.org/softenerscreen)
- Share program information with your networks, and inform the District about local opportunities for outreach and promotion
- Show the Village leading by example
 - Softener improvements in Village buildings
 - Highlight community leaders taking actions on their softeners

Madison Metropolitan Sewerage District

22



Thank you for your
partnership on chloride
reduction!

Special thanks to Aimee
Irwin and Jim Hessling
for their work and
support for this project


VILLAGE OF
McFarland
SUMMARY SHEET

MEETING DATE: Tuesday, September 21, 2021

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Jim Hessling, Public Works Director

AGENDA ITEM: Discussion regarding funding allocation to the utilities funds associated with street projects.

PREVIOUS ACTION:

None.

ISSUE SUMMARY:

During the Public Works and Public Utilities joint meeting in August 2021, committee members reviewed the Paving and Utility Improvement plan. During this meeting, committee members reviewed the assumption of street projects in which water main work is conducted would result in the water utility funding 50% of the costs for the projects. Committee members wished to further discuss this allocation for future street projects.

FINANCIAL/BUDGET IMPACT:

None.

VILLAGE PLAN REFERENCE:

None.

ORDINANCE REFERENCE:

None.

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

None.

ATTACHMENTS:

1. utility costs for reconstruction

In the municipalities that Town & Country Engineering, Inc. work with, each one often assigns project costs to revenue centers differently (and sometimes differently on each project).

For many years (back to at least early 2000s), McFarland has assigned both 100% of the water pipes and 50% of the street pavements to the utility. When sanitary sewer is involved, paving costs were split into thirds.

All state and federal grant programs allow fairly wide discretion in the way a community can assign costs, depending on how each project is viewed. If the primary driver of a project is sanitary sewer, we have seen up to 100% of the entire roadway costs assigned to the sanitary sewer. More often, roadway costs are pro-rated to include at least some utility component.



**VILLAGE OF
McFarland
SUMMARY SHEET**

MEETING DATE: Tuesday, September 21, 2021

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Jim Hessling, Public Works Director

AGENDA ITEM: Discussion and action regarding tuck pointing for Well #1.

PREVIOUS ACTION:

None.

ISSUE SUMMARY:

Well #1, constructed in the 1940's, is a brick building that is in need of some tuck pointing. Tuck pointing is the process of removing old, disintegrating mortar from the brick joints and replacing it with new. This maintenance activity will help to prolong the life of the building structure along with improve the building's appearance.

We received three estimates for the work. In comparing the proposals, there are some discrepancies. We have since asked for clarification and made an adjustment to the scope of work. In order to keep this moving forward, we ask that the work not exceed \$35,000.

The staff's recommendation is to allow the Director of Public Works to select a company to do the work, with a stipulation to not exceed \$35,000.

FINANCIAL/BUDGET IMPACT:

Capital and well maintenance funds will be used to complete this work. These funds are within the 2021 budgeted amounts.

VILLAGE PLAN REFERENCE:

None.

ORDINANCE REFERENCE:

None.

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

Recommend approval to the Village Board for tuck pointing Well #1 by the company selected by the Public Works Director and not to exceed the amount of \$35,000.

ATTACHMENTS:

1. Est_21143_from_High_Point_Masonry_10544
2. McFarland - Well Bldg
3. Mcfarland Well House Proposal





Eric Erickson
3014 Mourning Dove Dr
Cottage Grove WI 53527
608-577-6664

www.highpointmasonry.com
eric.highpointmasonry@gmail.com

Estimate

Date	Estimate #
8/29/2021	21143

Estimate Submitted To
Village of MFarland Jim Hessling 5115 Terminal Dr McFarland WI 53558

Job Location
5412 Long St McFarland WI 53558

Description

Exterior Masonry Repair to all Four Sides of Building.

1. Remove deteriorating mortar joints and joints with caulk in them.
2. Remove mortar from joints that does not match existing.
3. Remove and dispose of damage brick.
4. Install new brick and mortar to match existing as close as possible.
5. Wash new masonry and clean up.

Total Amount	\$8,750.00
---------------------	-------------------

We propose hereby to furnish material and labor - complete in accordance with the above specifications with payment to be made within 30 days upon completion of the work specified within this estimate. Any attention or deviation from above specifications involving extra costs will be executed only upon written order, and will become an extra charge over and above the estimate.

Respectfully Submitted _____ Eric Erickson _____
 Note - this proposal may be withdrawn by us if not accepted within 30 days.

Acceptance of Proposal

The prices, specifications, and terms stated herein are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payments will be made as outlined above.

Date of Acceptance _____ Signature _____

August 25, 2021

Village of McFarland
5115 Terminal Drive
McFarland, WI 53558

Attn: Jim Hessling – Director of Public Works
Re: Proposal for Masonry Restoration and Cleaning
Well House Building
5412 Long Street

Dear Mr. Hessling,

Per our recent on site inspection, we have prepared the following proposal for your review:

SCOPE OF WORK

The well house located at 5412 Long Street is constructed of brick masonry. The building measures approximately 18' by 20' and is 12' tall. Masonry restoration repairs and recaulking are needed on the building. The owner would like pricing to complete this work.

Accordingly, we propose to complete the following masonry repairs on the well house building:

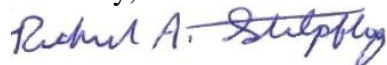
1. Tuckpoint failed mortar as required, using Type N mortar.
2. Caulk movement crack in the brick masonry.
3. Recaulk windows and door perimeters (frame to brick masonry joints).
4. Remove unused anchors and attachments and fill old anchor holes.
5. Remove caulk from above the steel lintels over doors and windows. This joint should not be sealed so water can exit the wall system.
6. Remove dead vines attached to brick masonry.
7. Chimney repairs – tuckpoint as required and caulk the cracks in the concrete cap.
8. Pressure wash clean the exterior of the building.
9. As an option, repaint the double door on the south elevation. Decals/stickers to be replaced by the owner.

PRICING

Statz Restoration & Engineering Company, Inc. will provide all labor, equipment, insurance, and materials for the above-described work for \$4,640.00. Please add \$525.00 for door repainting.

Thank you for the opportunity to submit this proposal. Please call with any questions.

Sincerely,



Richard A. Stelpflug
Project Manager

Accepted By: _____ Date: _____
(Owner or Authorized Representative)



Milwaukee Office

N57 W13580 Reichert Avenue ♦ Menomonee Falls, WI 53051
(262) 783-7745 ♦ (800) 486-0659 ♦ Fax (262) 783-4941
office@statzrestoration.com

Madison Office

1600 Algonquin Drive ♦ Baraboo, WI 53913
(608) 356-9080 ♦ Fax (608) 356-8865
www.statzrestoration.com

8/12/2021

McFarland Public Works
5115 Terminal Dr,
McFarland WI. 53558

Attn: Mr. Jim Hessling
Re: Well House Masonry Restoration

As we discussed, we are pleased to submit a proposal to complete the exterior masonry repairs at your building located at. 5412 Long St McFarland WI. 53593 including labor, materials, equipment, and insurance for the sum of pricing and scope to follow:

Summary of Work: Base Bid

1. 100% Tuckpointing of brick mortar joints from Grade to coping, including the chimney
2. Remove and replace 50 cracked bricks
3. Remove and rebuild 3 areas that are not toothed in at the base of the building
4. Needle clean previous mortar smears
5. Re-Caulk door perimeters, glass block and pipe penetrations

Alt Bid-

1. Alt bid for replacing all steel lintels in kind.

TUCKPOINTING:

100% of all mortar joints shall be cut to the full width of the joint to a minimum depth of 3/4" or where firm mortar is encountered. After cleaning the joints, which have been cut out, all voids will be filled with a special tuck-pointing mortar. Completed joints shall have a tooled surface and colored to match the existing as closely as possible. Completed work shall be wet down to insure proper curing of the mortar.

BRICK REPLACEMENT

All exterior bricks shall be inspected for defects. All badly cracked brick and spalled brick of 20% or more of the face, shall be removed. New bricks will match existing as closely as possible in color, texture and size. We have figured that 50 bricks need to be replaced. If the total of bricks go over 50 replacements there will be additional cost of \$32.00 per brick and if there is less than 50 there will be a credit given for \$32.00 per unit. Owner will be contacted before the start of any brick replacement more than allotted amount.

Note: At this time we don't have a acute brick match. We assumed that we would find acceptable match in the base bid. Additional cost will accure if brick ca

Alt Bid Replacing Steel lintels

1. Remove brick to expose steel lintels
2. Shore wall to prevent damage as conditions require.
3. Remove and replace steel lintel. New lintel will match existing in size.
4. Prime and Paint new steel.
5. Install new Through the Wall Flashing
6. Re-lay brick back in cavity in a running bond pattern.

Price Break down:

Base Bid-	\$ 28,834.00
Alt Bid-	\$13,497.00
Total:	\$42,331.00

PLEASE NOTE:

- Boom Lift will be used to access work.
- Provide barriers to prevent unauthorized entry to construction areas, allow the owner use of site, and protect existing facilities/ adjacent properties from damage related to construction operations/demolition.
- Sweep and rake adjacent pavement and grounds of masonry debris. Where necessary, pressure wash pavement surfaces to remove mortar, dust, dirt, and stains.
- Noise will be present during work.
- We have included the procedures that fulfill the OSHA silica law.
- Electricity and water will be supplied by owner.
- Trash and debris will be removed from site.
- Working hrs. from 7AM TO 4:00PM Monday-Friday
- Winter conditions not included with the scope of this work
- Hazardous materials work is not included within the scope of this work

Very Truly Yours,

Daniel R Forler



President

Accepted By: _____ Date: _____

TERMS AND CONDITIONS

These Terms and Conditions are attached to or provided with that certain proposal dated Thursday, August 12, 2021, the "Proposal") by B&B Quality Building Restoration of Wisconsin, LLC ("**B&B**") given to McFarland Public Works the performance of the work described in the Proposal (the "**Work**") at 5412 Long St McFarland WI. 53593 (the "**Property**"). The Proposal and these Terms and Conditions together are the "**Contract**".

- 1. PAYMENT.** Owner shall pay B&B the amount set forth in the Proposal (the "**Contract Amount**") in progress payments within thirty (30) days of any invoice delivered by B&B to Owner. Owner shall pay interest at a rate of 1.5% per month on any amount owed to B&B beyond such 30-day payment period. The Contract Amount for any portion of the Work shall be fully earned by B&B upon completion of such Work notwithstanding any later alteration of the Work.
- 2. CHANGES.** Any change to the Work shall be by a written instrument signed by both B&B and Owner (a "**Change Order**") describing the scope of the change and showing an appropriate adjustment to the Contract Amount.
- 3. SAFETY.** Owner hereby grants B&B the right to suspend public access to any areas within which B&B is performing Work if B&B determines there is a hazard or safety concern.
- 4. DELAYS.** B&B shall not be liable for delays in the Work due to labor strikes, acts of God, or other causes outside of the control of B&B. B&B shall give Owner timely notice of any impending delay in performance of the Work. Owner shall agree to any reasonable request for delay in the performance of the Contract.
- 5. INSURANCE.** B&B maintains Commercial General Liability and Worker's Compensation insurance as required by the State of Wisconsin. The Owner shall maintain all-risk property insurance for the Property in commercially reasonable amounts. Whenever (a) any loss, cost, damage or expense resulting from any casualty or occurrence is incurred by either of the parties hereto relating to the Property and (b) such party is covered in whole or in part by insurance with respect to such loss, cost, damage or expense, then the party so insured hereby releases the other party from any liability it may have on account of such loss, cost, damage or expense to the extent of any amount recovered by reason of such insurance and waives any right of subrogation which might otherwise exist in or accrue to any person on account thereof, provided that such release of liability and waiver of the right of subrogation shall not be operative in any case where the effect thereof is to invalidate such insurance coverage.
- 6. LIMITED WARRANTY.** B&B shall perform the Work in a timely and workmanlike manner and shall meet generally acceptable standards for similar Work in B&B's community and region and will provide a standard of care equal to the care used by service providers similar to B&B on similar projects. B&B hereby assigns to Owner any and all manufacturers' warranties pertaining to any products, fixtures, appliances and equipment and other products covered by a manufacturer's warranty that are provided as part of the Work. In the event B&B repairs, replaces or pays the cost of repairing or replacing any defect covered by this warranty which is covered by other insurance or other warranties, then Owner shall assign the proceeds of such insurance or warranties to B&B to the extent of the cost to B&B for such repair or replacement or the extent of the payment. Any claim under this warranty relating to the Work shall be brought no later than one (1) year after the Work subject to the claim was performed by B&B. In the event of a valid defect claim by Owner, B&B shall have the option, in its sole discretion, to repair or replace any

defective Work or pay to Owner the cost of such repairs. To the extent allowed by law, this warranty shall be the exclusive remedy for all claims relating to construction defects and all other express or implied warranties are hereby disclaimed.

- 7. ATTORNEY FEES.** In the event that litigation is commenced by either party relating to this Contract and B&B prevails in such litigation, Owner shall pay all reasonable costs and expenses incurred by B&B, including, without limitation, reasonable, actual attorneys' fees and other legal expenses.
- 8. MOLD WARNING.** Moisture and mold problems may exist in some buildings due to warm, humid conditions. B&B's Work is not intended to, and does not, include any inspection or remediation of any mold or of the circumstances that may lead to mold. If mold is a concern to Owner, Owner is advised to seek a mold remediation company to inspect and address any issues relating to the moisture and possible mold problems at the Property. OWNER HEREBY ACKNOWLEDGES THAT OWNER HAS BEEN INFORMED OF SUCH HEALTH RISK AND OWNER ASSUMES ALL RISKS OF DAMAGE OR INJURY WHICH MAY ARISE AS A RESULT OF, OR ARE IN ANY WAY CONNECTED WITH, MOLD AT THE PROPERTY. B&B SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES CAUSED BY MOLD, OR BY SOME OTHER AGENT, INCLUDING BUT NOT LIMITED TO, PROPERTY DAMAGE, PERSONAL INJURY, LOSS OF INCOME, DEATH, LOSS OF USE, LOSS OF VALUE, AND ADVERSE HEALTH EFFECTS OR ANY OTHER EFFECTS CAUSED BY MOLD.
- 9. AMERICANS WITH DISABILITIES ACT ("ADA").** As the Owner of the Property, Owner shall indemnify, defend and hold B&B harmless from any and all cost, expense (including actual attorneys' fees), liability or obligation that may arise, or be imposed on the Property under the ADA. Owner shall be solely responsible for compliance with any of the requirements of the ADA that may be applicable and all cost and expense related thereto to ensure that members of the public with disabilities have access to the Property.
- 10. LIMITATION OF LIABILITY. B&B'S LIABILITY (INCLUDING ITS AFFILIATES, EMPLOYEES, AGENTS AND SUBCONTRACTORS), WHETHER IN CONTRACT, TORT (INCLUDING NEGLIGENCE) OR OTHERWISE IN CONNECTION WITH ANY OF THE WORK SHALL IN NO EVENT EXCEED THE TOTAL AMOUNT ACTUALLY PAID BY OWNER TO B&B UNDER THIS CONTRACT. IN NO EVENT SHALL B&B (INCLUDING ITS AFFILIATES, EMPLOYEES, AGENTS AND SUBCONTRACTORS) BE LIABLE TO OWNER FOR ANY CONSEQUENTIAL DAMAGES, LOSS OF INCOME, LOSS OF PROFITS, OR BUSINESS INTERRUPTION.**
- 11. CONSTRUCTION AND INTERPRETATION.** Any rule requiring construction or interpretation against the drafter is waived. This Contract shall be deemed as if it were drafted by the parties in a mutual effort. The Terms and Conditions set forth in this Contract are a material inducement for B&B to execute this Contract and are necessary to limit the potential of liability to allow B&B to perform the Work at the Contract Amount.
- 12. ENTIRE CONTRACT.** This Contract represents the entire agreement of the parties and supersedes any prior written or oral representation by any party. This Contract may only be amended by a written instrument signed by both parties.


VILLAGE OF
McFarland
SUMMARY SHEET

MEETING DATE: Tuesday, September 21, 2021

SECTION: Business

DEPARTMENT: Public Works

CONTACT: Jim Hessling, Public Works Director

AGENDA ITEM: Presentation of the Public Works Director's monthly report

PREVIOUS ACTION:

ISSUE SUMMARY:

FINANCIAL/BUDGET IMPACT:

VILLAGE PLAN REFERENCE:

ORDINANCE REFERENCE:

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

ATTACHMENTS:

1. August 2021 Monthly Report

PUBLIC WORKS COMMITTEE
September 14, 2021

PUBLIC UTILITIES COMMITTEE
September 21, 2021

Public Works Directors Report
for
August 2021

The following is information concerning events and activities of the Public Works Department along with the Water and Sewer Utilities for the previous month. This information is provided in brief to provide an overview of the highlights.

GIS Update

The department continues to upgrade the villages GIS opportunities when possible. Personnel have been out in the field collecting data.

Antenna Upgrade Project

Completed in August was US Cellular's antennae upgrade on the Burma Road water tower. As part of this work, a new safety railing system was installed. The project was observed and inspected by Dixon Engineering.

Project Updates

Storm water work in the Pheasant & Lani area has been completed.
Culvert replacement on Taylor Road along with Lake Edge has been completed
Work on Renee Court is ongoing
Various heat patches were completed
Sidewalk grinding took place
Centerline striping and bike lane marking was performed on certain streets

Meetings/Training/Seminars

All meetings were held by electronic means this month. Those meetings include:

- Resiliency through Disaster- Igl
- The Long-term Impact and Sustainability of Concrete Pipe- Igl
- Building Safer, More Resilient Communities with Concrete Pipe - Igl
- Resiliency through Innovations - Igl, Hessling
- Virtual Tour - Concrete Pipe Week 2022 - Igl, Hessling
- Adopt a storm drain meeting - Hessling
- PWX - Public Works National Conference - Irwin, Igl

2021 WATER SYSTEM IMPACT FEES

Collected in Month	2021 Fees	2020 Fees	2021 Impact Fee Distribution		
			Tower	Main	Well
January	-	1,950.00	-	-	-
February	5,851.00	4,550.00	3,298.86	936.16	1,615.98
March	3,900.00	4,550.00	2,198.88	624.00	1,077.12
1st Quarter Total	9,751.00	11,050.00	5,497.74	1,560.16	2,693.10
April	1,950.00	10,402.00	1,099.44	312.00	538.56
May	650.00	1,950.00	366.48	104.00	179.52
June	1,950.00	3,250.00	1,099.44	312.00	538.56
2nd Quarter Total	4,550.00	15,602.00	2,565.36	728.00	1,256.64
July	650.00	3,900.00	366.48	104.00	179.52
August	-	2,600.00	-	-	-
September	-	1,950.00	-	-	-
3rd Quarter Total	650.00	8,450.00	366.48	104.00	179.52
October	-	1,950.00	-	-	-
November	-	9,101.00	-	-	-
December	-	18,701.16	-	-	-
4th Quarter Total	-	29,752.16	-	-	-

HISTORICAL WATER IMPACT FEE TOTALS

2021 Total	14,951.00		8,429.58	2,392.16	4,129.26
2020 Total	64,854.16		38,222.36	10,020.80	16,611.00
2019 Total	57,201.00		32,250.79	9,152.16	15,798.05
2018 Total	71,501.00		40,313.34	11,440.16	19,747.50
2017 Total	60,801.20		34,281.17	9,728.00	16,792.03
2016 Total	38,026.00		23,708.24	5,252.00	9,065.76
2015 Total	5,851.00		3,298.92	936.00	1,616.08
2014 Total	7,150.00		4,031.28	1,144.00	1,974.72
2013 Total	21,125.00		11,910.59	3,380.00	5,834.41
2012 Total	13,650.00		7,696.08	2,184.00	3,769.92
2011 Total	12,350.00		6,963.12	1,976.00	3,410.88
2010 Total	5,200.00		2,931.84	832.00	1,436.16
2009 Total	7,150.00		4,031.26	1,144.00	1,974.74
2008 Total	10,400.00		5,863.62	1,664.00	2,872.38
2007 Total	34,451.00		19,423.88	5,512.16	9,514.96
2006 Total	28,927.00		16,309.33	4,628.32	7,989.35
2005 Total	52,326.00		29,501.92	8,372.16	14,451.92
2004 Total	77,679.00		43,796.20	12,428.64	21,454.16
2003 Total	59,802.00		33,716.97	9,568.32	16,516.71
2002 Total	69,625.00		39,255.27	11,140.00	19,229.73
2001 Total	55,271.50		31,162.62	8,843.44	15,265.44
2000 Total	56,701.00		31,968.59	9,072.16	15,660.25
1999 Total	55,388.00		31,228.31	8,862.08	15,297.61
1998 Total	14,581.73		8,221.33	2,333.08	4,027.32
Grand Total	\$ 815,157.43	\$ -	\$ 461,864.67	\$ 129,592.68	\$ 223,700.08

\$650=	\$366.48	\$104.00	\$179.52
\$1300	\$732.96	\$208.00	\$359.04

Tower= .56381, Main=.16, Well=.27619