

NASHWAUK
PUBLIC UTILITIES
COMMISSION
REGULAR AGENDA

p: 218-885-1210



City of
NASHWAUK
FROM TIMBER TO TACONITE

301 Central Avenue, Nashwauk, Minnesota 55769

NPUC COMMISSION

TUESDAY, FEBRUARY 18, 2025

E. Milton Latvala

Chair

Mike Anderson

Commissioner

Mark Marinaro

Commissioner

Brian Ekholm

Commissioner

Tom Martire

Commissioner

1. CALL TO ORDER

2. ADOPTION OF AGENDA

3. APPROVAL OF MINUTES

- a. Minutes of the January 21, 2025, Nashwauk Public Utilities Commission meeting.

4. APPROVAL OF CLAIMS

5. SPECIAL ITEMS

- a. Greg Brohman is present to discuss reoccurring sewer backups and root interference at the sewer main.

6. OLD BUSINESS

- a. East Itasca Joint Sewer Project Update.
- b. 3rd Street Utility Project Update (2025 Project)
- c. Water Storage for Bozich, Co Garage, Mesabi Metallics.
- d. Tracking water tower restoration (2028 planning with \$600,000 estimate project costs)
- e. Updates and recommendations from Joe Peterson.

7. NEW BUSINESS

- a. Approve the transfer of \$250,000 from the Mesabi Metallics depreciation savings account to the Electric Depreciation savings account.
- b. Jason Martire to discuss booster station upgrades.

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8. PUBLIC COMMENT. Members of the public are welcome to address the Commission. Please provide your name, brief description of the subject matter, and keep comments to 5 minutes.

9. ADJOURN

City of Nashwauk
Nashwauk Public Utilities Commission
January 21, 2025

Chairman Latvala called the meeting to order at 1:00 p.m. in the Council Chambers of Nashwauk City Hall.

Members present: Chairman Milt Latvala, Commissioner Tom Martire, Commissioner Mike Anderson, Commissioner Brian Ekholm.

Members absent: Commissioner Mark Marinaro.

Also present: John Jamnick, April Kurtcock, Joe Peterson, Lance Hopke, Jason Martire.

Adoption of Agenda

*Motion by Commissioner Anderson, seconded by Commissioner Martire to adopt the agenda of the January 21, 2025, Nashwauk Public Utilities Commission meeting.

Ayes: all present. Motion carried.

Reorganizational Meeting

*Motion by Mike Anderson, seconded by Commissioner Martire to appoint Milton Latvala as Chair of the Nashwauk Public Utilities Commission.

Ayes: all present. Motion carried.

*Motion by Commissioner Anderson, seconded by Commissioner Ekholm to appoint Tom Martire as Vice Chair of the Nashwauk Public Utilities Commission.

Ayes: all present. Motion carried.

Approval of Minutes

*Motion by Chairman Latvala, seconded by Commissioner Martire to approve the minutes of the December 17, 2024, Nashwauk Public Utilities Commission meeting.

Ayes: all present. Motion carried.

Approval of Claims

*Motion by Chairman Latvala, seconded by Commissioner Anderson to approve the claims and file the claims register as official record.

Ayes: all present. Motion carried.

Old Business

East Itasca Joint Sewer Project Update

John Jamnick shared an update from the EIJSB meeting held earlier that day. He mentioned that Jason Martire had shared information related to the VFD failure and replacement. Commissioner Ekholm asked about the VFD and the issues that happened with it.

3rd Street Utility Project Update

There was no update regarding funding.

Water System Follow-up

The project did not make it to the fundable range on the Drinking Water IUP. The Commission could consider funding it through a different route.

Joe Peterson Updates

Joe Peterson shared that he and Lance Hopke went through the storage bins up at the Mesabi Metallics campus trying to determine the condition of the equipment within it and where it could be used. He stated he didn't think it would be worth the effort to combine the two bins and move one to the garage for storage, as the expense for moving the equipment to one storage bin and hauling the empty bin to within the city would likely cost just as much as getting another bin.

Peterson said Mesabi Metallics is adding load off the Calumet Sub. He expressed ongoing concern regarding Mesabi Metallics not addressing an issue on the electrical grid. Peterson reported that Steve Sherner planned on discussing it with them during a meeting this week. If it wasn't addressed, the NPUC may want to consider deenergizing until it is resolved.

Peterson reported on the IRRRB grant, which up until last week it seemed like the Nashwauk project would be included. However, last week, IRRRB dropped the Nashwauk project on the application. He intended to discuss the issue with IRRRB and see if it could be included again. Concept papers for the grant are due Feb 27.

Minnesota Power will be acquired by a Canadian Pension Fund in May. Peterson said Nashwauk has a few service by exceptions with Minnesota Power for the Bozich Addition and ISD 319. Because they're getting bought out, they won't be local, so Peterson suggested that the NPUC might want to get those formalized within the service territory prior to that acquisition.

Commissioner Anderson asked if the new school was using power. Peterson said they're using construction power. Commissioner Anderson asked about the outage in the new addition the previous day. Lance Hopke said that someone hit a power pole after midnight. The pole exploded and had to be replaced. Minnesota Power arrived with two crews. It was a holiday and severe temperatures. Jason Martire said that the NPUC should expect to receive a very large invoice for that repair work.

Commissioner Martire asked about putting a transformer and light at the sliding hill. Peterson said he didn't think that Minnesota Power would allow Nashwauk to put something on their pole and recommended putting one of our own poles up and a 6,000-lumen solar light.

New Business

Training Requests

*Motion by Commissioner Ekholm, seconded by Commissioner Martire to approve April Kurtock and Jason Martire to attend the 2025 Lead & Copper Rule Revision training in Bemidji on May 22, 2025.

Ayes: all present. Motion carried.

*Motion by Commissioner Anderson, seconded by Commissioner Martire to approve Jason Martire to attend the MWRA Water & Wastewater annual technical conference in St. Cloud on March 4-6, 2025.

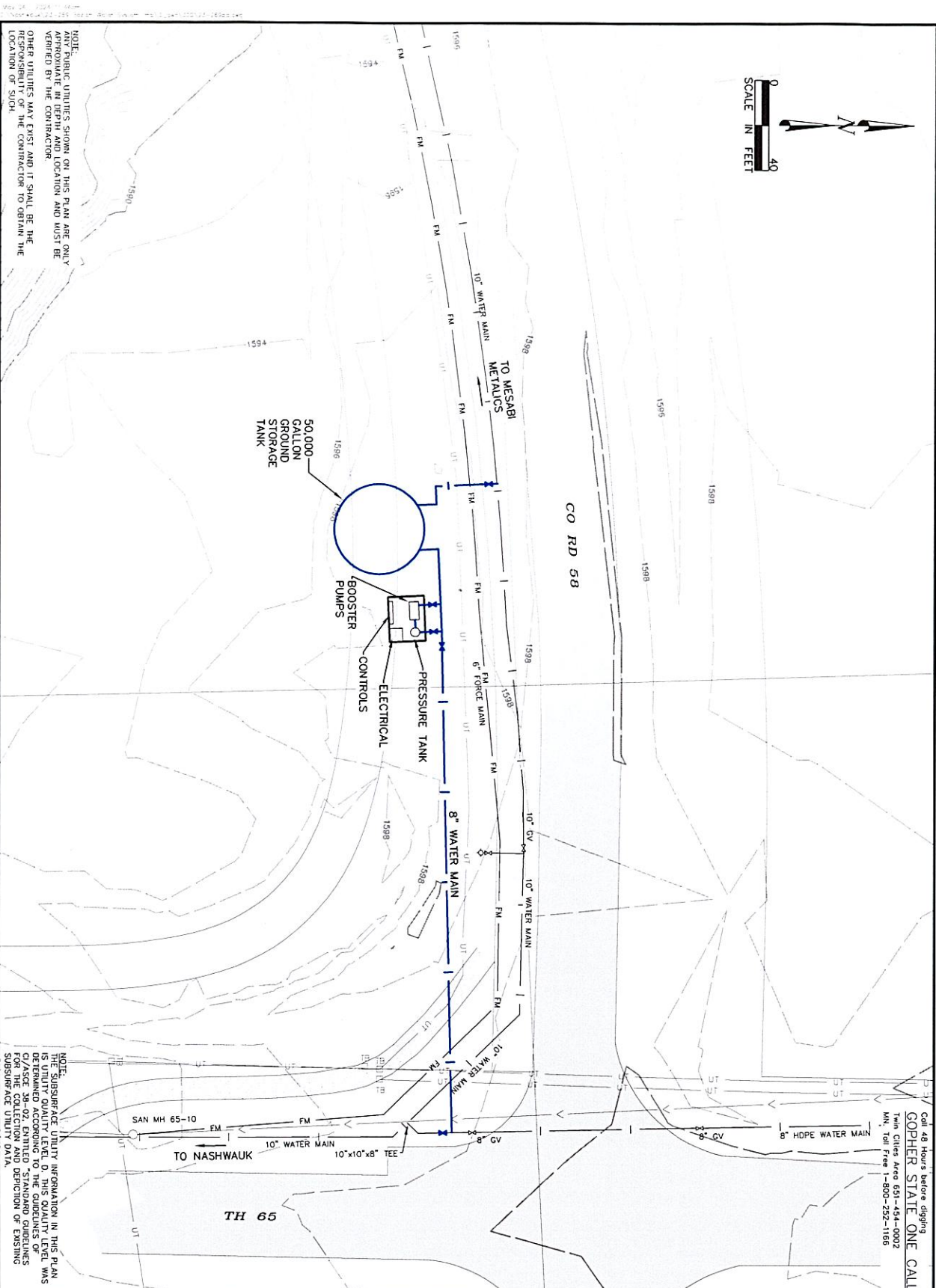
Ayes: all present. Motion carried.

Adjourn

*Motion by Commissioner Latvala, seconded by Commissioner Ekholm to adjourn at 1:30 p.m.

Ayes: all present. Motion carried.

Secretary



NOTE:
 ANY PUBLIC UTILITIES SHOWN ON THIS PLAN ARE ONLY
 AS SHOWN AND LOCATION AND MUST BE
 VERIFIED BY THE CONTRACTOR.
 OTHER UTILITIES MAY EXIST AND IT SHALL BE THE
 RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN THE
 LOCATION OF SUCH.

NOTE:
 THE SURFACE UTILITY INFORMATION IN THIS PLAN
 IS UNLESS OTHERWISE NOTED. THIS QUALITY LEVEL WAS
 DETERMINED BY THE CONTRACTOR. THE CONTRACTOR
 C/A/SC 30-02, ENITLED "STANDARD GUIDELINES
 FOR THE COLLECTION AND DERIVATION OF EXISTING
 SUBSURFACE UTILITY DATA."

Call 48 Hours before digging
GOPHER STATE ONE CALL
 Train, Cuts And 651-454-0002
 MN Toll Free 1-800-232-1168



Engineering
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 Site Development
JPI ENGINEERING, INC
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 5670 Miller Trunk Hwy
 Duluth, MN 55811
 (218) 720-6219
 www.jpengineering.com

**BOZICH WATER SYSTEM
 IMPROVEMENTS**
 NASHAUK, MINNESOTA

TH 65/CO RD 58

REVISION DATE:	DESCRIPTION:

STARTED
 DESIGNED
 DRAWN
 CHECKED

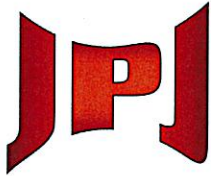
1. I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

PRELIMINARY

JOHN P. JAWORCK, P.E.

DATE: _____ UC, NO. 19027

23-289
 PROJECT NO.



Engineering

Land Surveying

Site Development

Memorandum

To: Mr. Milton Latvala
Nashwauk Public Utilities Commission

From: John P. Jamnick, P.E.

cc: Ms. April Kurtock, City Administrator, City of Nashwauk

Date: April 30, 2024

Re: Design Memo
North Nashwauk End Water Improvements

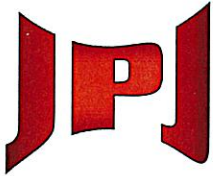
The City of Nashwauk provides potable water to Mesabi Metallics, an iron ore process facility currently under construction located off of Itasca County Road 56, Bozich Addition a residential development north off of TH 65 and the Itasca County Garage located east of TH 65, off of Little Sweden Road.

The water main extension was extended to Mesabi Metallics in 2009, the Itasca County Garage in 2012, and the Bozich Addition in 2014.

The system provides water by an independent water distribution system from the City's north pumphouse using 3 booster pumps, 2 - 5 HP pumps, and 1 - 30 HP pump with variable speed pumps to maintain the necessary pressure.

However, these three areas experience inconsistent and low water pressure. To address this problem the construction of a 50,000-gallon storage tank is being proposed southwest of the intersection of TH 65 / CR 56. Attached is a sketch of the corridor.

Water from the existing pumphouse will be pumped to the ground storage tank. The water distribution to Mesabi Metallics will be by gravity feed to maintain static pressure between 30 psi on the north side of the plant and 55 psi on the south end of Mesabi Metallics' facility. The water meter manhole is located at the east entrance to the Mesabi Metallics facility. Because of the potential lower static water pressure, an in-line booster pump would be added to serve the facility.



Engineering

Land Surveying

Site Development

Water from the 50,000-gallon ground storage tank would be pumped through a hydropneumatic pressure system to maintain 55-60 psi pressure at the Bozich Addition and 45-50 psi at the Itasca County garage. Water use at the County garage includes using high-pressure spray washing equipment in the truck bays. When used there is a drop in pressure to the other two areas. This is the result of undersized booster pumps in the existing pumphouse. To address this issue the project will also include improvements to the controls in Nashwauk's main pumphouse.

The estimated costs for this alternative are:

50,000-gallon ground storage tank with a concrete foundation	\$150,000
Pump Station with Controls	\$125,000
Electrical Extensions	\$ 50,000
Miscellaneous Piping	\$ 50,000
Contingencies and Engineering	\$ 75,000
Total	\$450,000

