

MEMORANDUM



TO: PUBLIC UTILITIES AND TECHNOLOGY COMMITTEE
FROM: JEFFREY HERCZEG, DIRECTOR OF PUBLIC WORKS
SUBJECT: GLWA ACTION ITEMS RESPONSE
DATE: APRIL 2, 2026

On March 19, 2026, representatives from Great Lakes Water Authority (GLWA) attended the Public Utilities and Technology Committee for a question-and-answer session on the ongoing projects and recent 48" water main repair along 14 Mile Road. Please find below the requested action items, responses, an updated transmission main location map and associated table are included for your reference.

1. Request that GLWA consider creating a separate webpage or portion of our webpage the City can direct Novi customers for updated information.

GLWA Response: For emergencies, GLWA regularly distributes news releases through Member Outreach and updates the GLWA website [Great Lakes Water Authority - Michigan's source for water](#) as major milestones are completed. GLWA will consider this request and evaluate current communication methods and frequencies. For large projects with community impacts, GLWA hosts a project-specific webpage – we did this for the 42-inch main project on 14 mile and that webpage, with traffic and project updates, can be found here: [14 Mile 42-inch Water Main Project - GLWA](#)

2. Request GLWA provide Novi weekly progress updates.

GLWA Response: GLWA will/has provided your staff with weekly updates on project status.

3. Request GLWA host a Town Hall meeting while work on 14 Mile is still underway.

GLWA Response: GLWA hosted an open house meeting in North Novi before we began work on the 42-inch project along 14 Mile. We will also consider hosting another open house as we are preparing for a long-term solution to address the issues with the 48-inch main.

4. **Request that GLWA attend their monthly PU&T Commission meeting at least until the project is completed.**

GLWA Response: GLWA will attend their monthly PU&T Committee meeting as necessary in-person or via zoom.

5. **Suggest that GLWA provide a FAQ on our website.**

GLWA Response: A FAQ page exists for the 42-inch project and can be found here: [42-inch Main Project FAQs - GLWA](#).

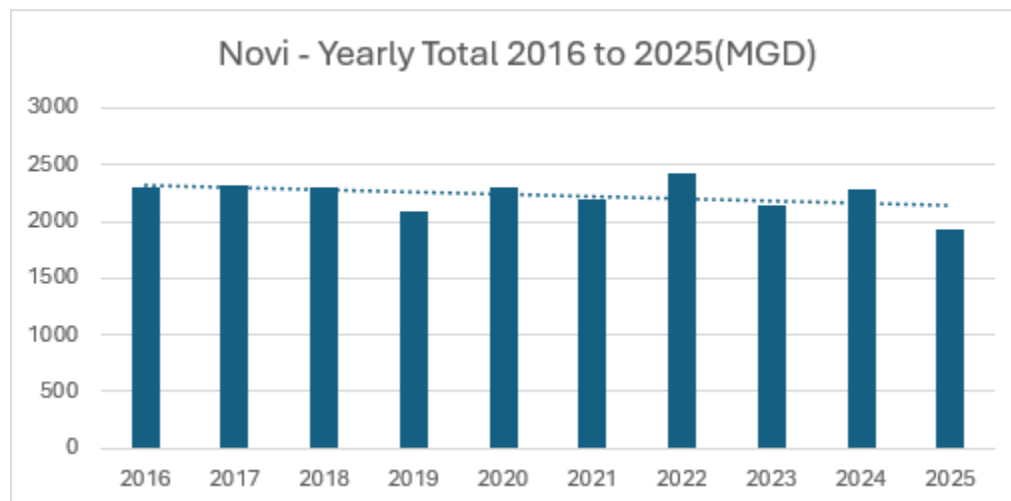
6. **Requested information related to water demands at each master meter.**

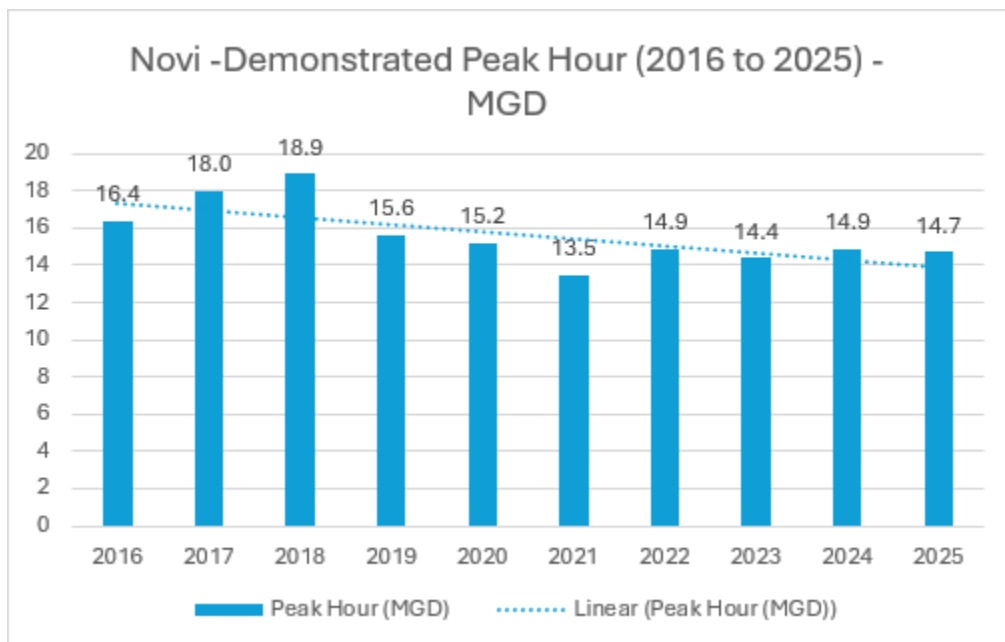
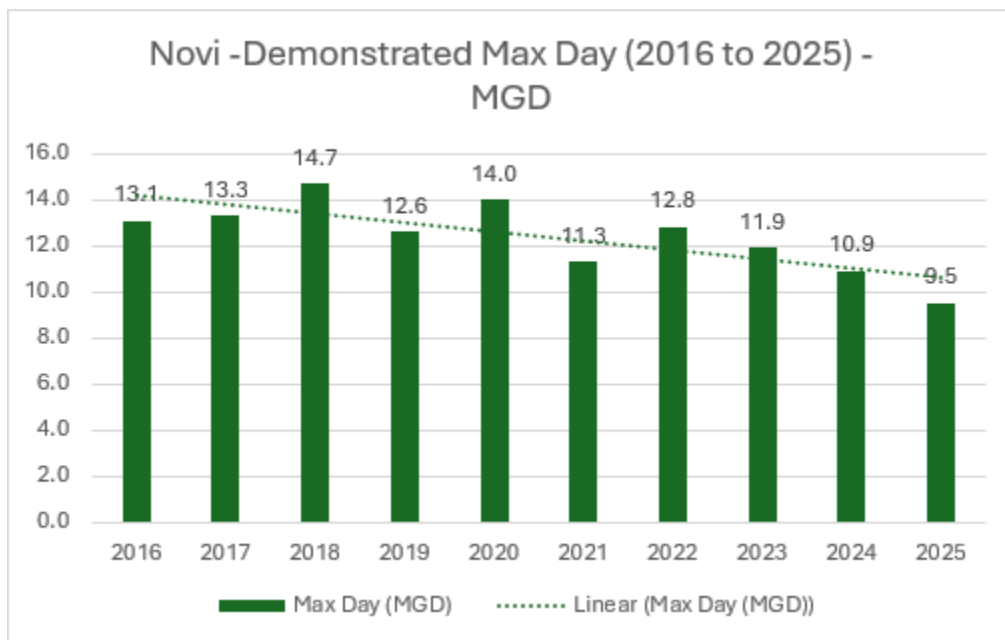
GLWA response: Based on recent contract negotiations, the estimated annual flow split at each meter location is shown in the table below. The estimated annual projected total volume for Novi identified within the proposed contract is 315,000 Mcf. The Novi meters listed below have been added to the map shared at the meeting and located at the end of this document.

<i>Meter</i>	<i>Assumed Flow Split (2027-2030)</i>
<i>NV-01</i>	<i>0 – 5 %</i>
<i>NV-02</i>	<i>0 – 5 %</i>
<i>NV-03</i>	<i>0 – 15 %</i>
<i>NV-04</i>	<i>50 – 70 %</i>
<i>NV-05</i>	<i>20 – 45 %</i>

7. **Requested a chart showing Novi's water use to demonstrate it is declining.**

GLWA Response: GLWA has compiled the past 10 years of Novi water use as recorded from all of Novi's wholesale water meters.





8. Requested information from GLWA related to contingency plans for each transmission main surrounding Novi.

GLWA Response: GLWA completes emergency and contingency plans based on multiple scenarios related to transmission main failures and the specifics of those plans cannot be released due to the vulnerable nature of the information. However, with the construction of 54-inch 14 Mile Road Loop Project, the regional system can now supply average daily flows from multiple directions. Typical operations provide water service to your meters along 14 Mile Road (NV-04 and

NV-05) from Franklin pump station (14 Mile Road and Inkster) and, depending on the time of year, may get repumped at the Haggerty pump station (14 Mile Road and M-5).

In the event of an emergency on 14 Mile Road east of M-5, water will be supplied to the Haggerty pump station from the south via the new 54-inch transmission main. Water will then be pumped to supply NV-04 and NV-05.

In the event of an emergency on 14 Mile Road west of M-5 to Lake Village Drive either on the new 42-inch main or on the parallel 24-inch main recently constructed, the non-impacted main will be used to supply average day demands to NV-04 and NV-05.

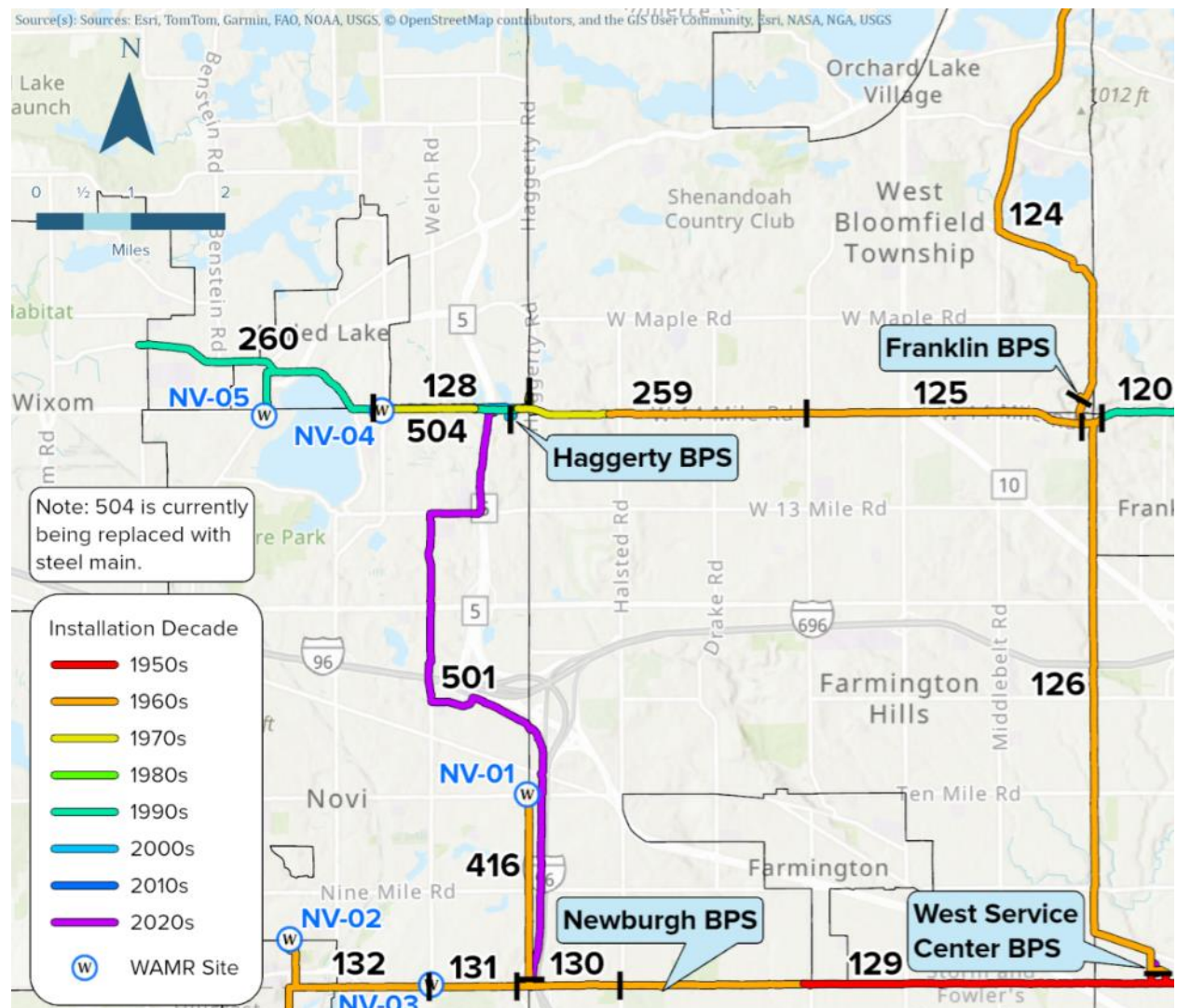
In the event of an emergency west of 14 Mile Road and Lake Village Drive, NV-05 will not receive water. However, because of this, GLWA has installed Acoustic Fiber Optic monitoring system to understand degradation of the main in real-time that will allow a coordinated shut-down of the main to make repairs prior to a catastrophic failure. In addition, when this main must be taken out of service, as is the current scenario with the 42-inch replacement project, sufficient water supply is available at NV-04 to meet Novi's demands.

The City's consulting engineer, OHM, has performed modeling and has indicated that the three southern Novi meters, NV-01, NV-02 and NV-03 are supplementary supplies to the City's low-pressure district with most of the Novi's flow coming from NV-04 and NV-05. While it is highly unlikely, in the event of an emergency on 8 Mile Road that limits water service to all three meters NV-01, NV-02 and NV-03, the NV-04 and NV-05 meters could supply this district. It is highly unlikely that all three of the southern meters will be out of service at the same time due to presence of system valves to allow portions of this main to be taken out of service and the ability to reverse flow either from Haggerty pump station (pumping south) or from Joy Road pump station (pumping north).

- 9. Requested when a solution will be developed for the six miles east of M-5.**
GLWA Response: As this is a top priority for GLWA, we should know more about a proposed solution within 30 to 60 days.

See Below Exhibits

GLWA Transmission Mains Near the City of Novi **(Updated 3/27/26 with Novi Meter Locations)**



GLWA Transmission Mains Near the City of Novi

Project Group ID	Name	Material	Diameter (inches)	Length (miles)	Age (years)	Notes
128	14 Mile, Novi	Ductile Iron	24	1.9	4	NEW PIPE: 14 Mile Road Loop - Phase 1
260	14 Mile, Novi	PCCP	42	3.9	25	Segments renewed and monitoring installed
504	14 Mile, Novi	Steel	42	1.0	0	NEW PIPE: 2026 42-inch Replacement Project
501	M-5, Novi, Farmington Hills	Steel	54	8.0	4	NEW PIPE: 14 Mile Road Loop - Phase 2
259	14 Mile, Farmington Hills	PCCP	48	3.4	54	Immediate Evaluation Underway
125	14 Mile, Farmington Hills	PCCP	54	3.4	58	Immediate Evaluation Underway
131	8 Mile, Northville Twp	PCCP	30	1.1	62	Lower risk
132	Sheldon, Plymouth Twp	PCCP	36	8.4	58	Planned for consideration
416	Haggerty Road, Novi / Farmington Hills	PCCP	24	2.1	61	Lower risk

PCCP = Prestressed Concrete Cylinder Pipe

GLWA and Novi staff look forward to discussing these responses and other questions the Committee may have at a future meeting.