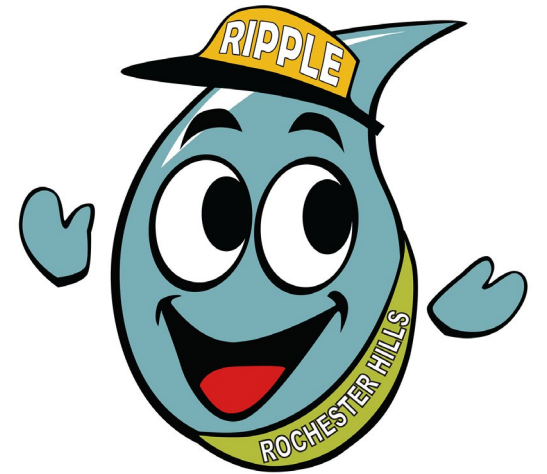


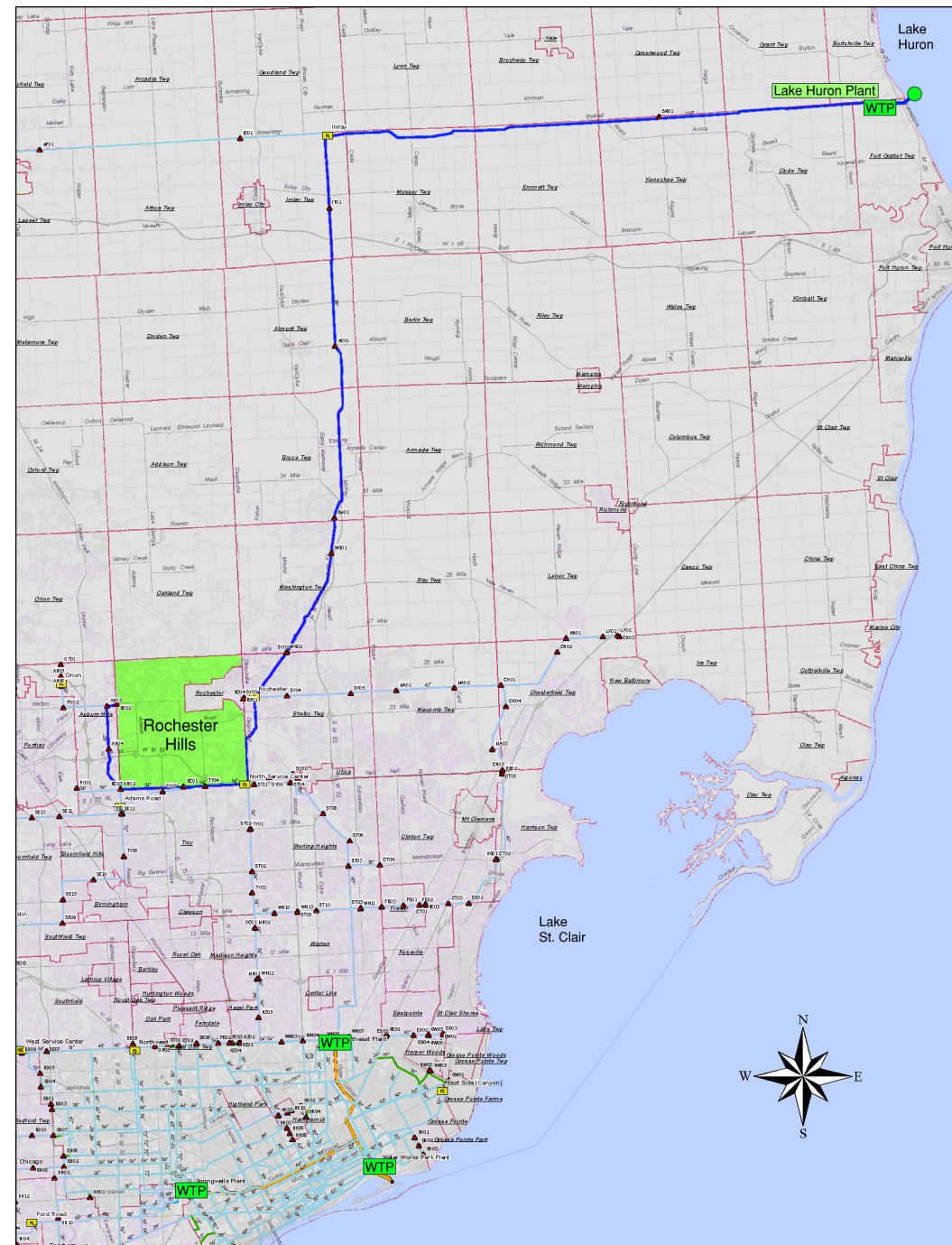


Rochester Hills Water Supply System Water System Advisory Council Water System Update April 29, 2026

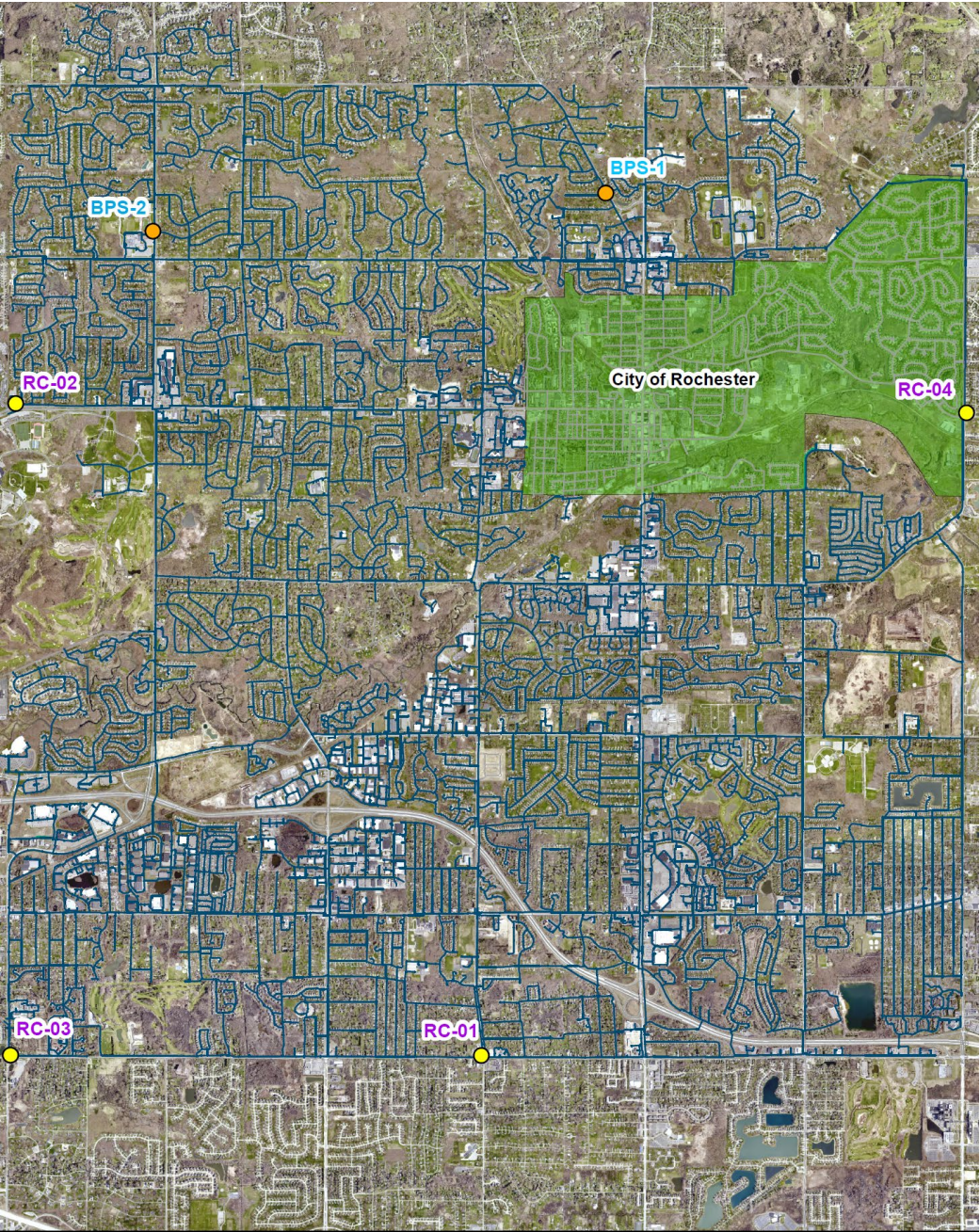


Rochester Hills Water Supply System

- Water main installation began in the City of Rochester Hills in the late 1960s, specifically in the University Hills and Tienken Manor Estates Subdivisions. These systems originally utilized community wells before connecting to the City of Detroit's water supply. Our first purchase agreement with the City of Detroit was finalized on January 26, 1970. This system is now known as the Great Lakes Water Authority (GLWA).
- The City of Rochester Hills drinking water is primarily sourced from lower Lake Huron. It is treated at the Lake Huron Water Treatment Plant in Fort Gratiot before being distributed throughout southeastern Michigan.
- Rochester Hills is a member of the North Oakland County Water Authority (NOCWA), a regional partnership that includes Auburn Hills, Orion Township, and Pontiac. By coordinating water system usage, we are able to boost water pressure and lower operational costs, resulting in significant annual savings and improved infrastructure reliability.



City of Rochester Hills Water System



- RC01 – RC04, water feeds from GLWA
- BS1 – water booster station #1
- BS2 – water booster station #2
- 8 – Pressure Districts
- Approximately 465 miles of 8-inch to 36-inch water main, material varies
- Approximately 5,200 fire hydrants
- Approximately 4,850 gate valves & wells



DPS Water Related Accomplishments

- Water System Study Updates:
 1. General Plan Update, completed 12/31/2025
 2. Risk & Resilience Assessment Update, completed 12/31/2025
 3. Water Reliability Study Update, completed 12/31/2025
 4. Emergency Response Plan Update, will be completed by July 2026
- The annual cross-connection and annual pumpage report was submitted to EGLE, March 2026.
- The 2026 Water Quality Report will be available to all of our water customers by May 2026.
- 2026 Lead and Copper Sampling. Communication to participate will go out mid-May. Sampling to be performed end of July / beginning of August.
- 2025 Water Replacement Projects:
 - Brewster Road** (between Walton and Tienken). Replaced approximately 3,890 LFT of 16” concrete water main.
 - University Hills Subdivision and Avon Rd** (between Old Perch and Crooks). Almost done replacing approximately 22,000 LFT of asbestos cement water main and adding approximately 1,400 LFT of 16” water main.
- 2026 Water Main Replacement Projects:
 - Dutton Road Water Main Replacement Project, Adams Road to Wales Drive
 - Henry Ford Rochester Hospital Water Main Improvement Project

Water Quality Sampling Initiatives



- Lead and Copper Sampling: Annual sampling is required at 30 residential locations annually.
- Bacteriological (Bacti) Sampling: Eighty water samples are taken monthly at various locations throughout that City. While GLWA performs the actual collection on behalf of Rochester Hills, the City remains responsible for identifying and providing the sample locations.
- Disinfection Byproducts (TTHM & HAA5): Routine quarterly sampling for Total Trihalomethanes and Haloacetic Acids is ongoing at two designated locations.





Questions





Thank You!

