

**2023-106**

**RESOLUTION IN SUPPORT OF THE GREAT LAKES WATER AUTHORITY'S  
REQUEST FOR AN APPROPRIATION TO ASSIST THE UTILITY'S  
LINEAR SYSTEM INTEGRITY PROGRAM (LSIP)**

**WHEREAS**, the Great lakes Water Authority (GLWA) is a regional sewer authority organized under the provisions of Michigan Public Act 233 of 1955; and

**WHEREAS**, in 2016, pursuant to lease agreements with the City of Detroit, GLWA began operations of the regional water and sewer located in southeastern and mid-Michigan; and

**WHEREAS**, GLWA is the largest drinking water provider in Michigan providing water of unquestionable quality to 112 communities located throughout Oakland, Wayne, Macomb, Monroe Genesee, Lapeer, St. Clair, and Washtenaw Counties; and

**WHEREAS**, GLWA is the largest wastewater treatment provider in Michigan providing effective and efficient wastewater services to 79 Michigan Communities located within Wayne, Macomb, and Oakland Counties; and

**WHEREAS**, GLWA has a six member Board of Directors (Board) consisting of a representative appointed by the County Executive of Macomb County, a representative appointed by the County Executive of Oakland County, a representative appointed by the County Executive of Wayne County, two representatives appointed by the Mayor of the City of Detroit, and a representative appointed by the Governor of the State of Michigan who resides in a community served by GLWA located outside of Macomb, Oakland and Wayne Counties; and

**WHEREAS**, GLWA's Articles of Incorporation intended that GLWA's Board be reflective of the communities served by the utility and join collaboratively to establish policy for the region, its residents, and the utility; and

**WHEREAS**, GLWA is committed to delivering water of unquestionable quality to its member partner communities in a safe and affordable manner; and

**WHEREAS**, GLWA is responsible for maintaining 816 miles of drinking water transmission mains within its 1,688 square mile service area; and

**WHEREAS**, GLWA and the member partner communities it serves recognize that infrastructure management is not only essential to water quality but is a key component of water affordability; and

**WHEREAS**, through the Linear System Integrity Program (LSIP), GLWA has focused on using innovative technology to support the regional system's capacity to deliver drinking water and collect wastewater; and

**WHEREAS**, the LSIP uses of innovative technology such as electromagnetic and acoustical devices that can be inserted into drinking water transmission mains with minimal disruption and allow the utility to target its efforts to proactively intervene to prevent main breaks; and

**WHEREAS**, GLWA's use of this innovative technology in the LSIP allows GLWA to better target specific assets that must be either repaired or replaced; and

**WHEREAS**, in light of recent drinking water transmission main breaks, the LSIP is currently focused on the integrity of drinking water assets including but not limited to the 120-inch transmission main in St. Clair and Lapeer Counties as well as the 96-inch main in Macomb County; and

**WHEREAS**, GLWA has committed over \$10,675,000 Dollars towards the LSIP; and

**WHEREAS**, GLWA seeks consideration of an appropriation to support the LSIP; and

**WHEREAS**, the Board believes that such an appropriation is consistent with the desire and needs of the communities served by GLWA,

**NOW THEREFORE BE IT:**

**RESOLVED**, that for the reasons set forth above, the Board of GLWA supports GLWA's request for a federal appropriation to assist the utility's efforts to; proactively intervene to prevent main breaks, install testing equipment, and replace damaged infrastructure segments through its Linear System Integrity Program (LSIP).