

LANSING BOARD OF WATER AND LIGHT

NOTICE OF PROJECT PLAN PUBLIC MEETING

FY2025 DRINKING WATER STATE REVOLVING FUND (DWSRF) PROJECT

The Lansing Board of Water and Light (BWL) announces a Public Meeting regarding its Project Planning Document for proposed drinking water system improvements in the BWL water service area. The purpose of the meeting is to not only inform, but to seek and gather input from people that will be affected. Comments and viewpoints from the public are encouraged on the proposed projects for which the BWL intends to seek low interest Drinking Water State Revolving Fund (DWSRF) loan assistance.

The public meeting Webex meeting will be held virtually at the following date and time:

DATE: April 29th, 2024

TIME: 4:00 pm

PLACE (Virtual): **Webex Meeting Link:**
<https://lbwlevents.webex.com/lbwlevents/j.php?MTID=m20f647c3bdaf3ae2e62a07461a56e96f>

Webinar Access Code: 2634 972 8153

Webinar Password: tA4qdWt5QF9 (82473985 from phones and video systems)

Join by Phone:

+1-408-418-9388 United States Toll

Access code: 263 497 28153

The Project Plan includes projects identified as part of the BWL’s Water Reliability Study, as well as other third-party studies on system optimization, and asset condition, among other things. The Project Plan includes 5 well projects, 16 distribution projects, and 12 water production projects. These projects are proposed to be completed over the next five years as summarized below:

EGLE SRF Fiscal Year 2025 Projects:

Project	Project Cost	SRF Eligible Portion of Project
Project 1- Well Installation	\$2,750,000	\$2,750,000
Project 2 - Chemical Feed System	\$450,000	\$450,000
Project 2 - Chemical Costs	\$175,000	\$175,000
Project 3 - Filter Press Service Pipes	\$170,000	\$170,000
Project 4 - Cedar Pump 4	\$470,000	\$470,000
Project 5 - North Reservoir	\$180,000	\$180,000
Project 6 - Sunset Looping	\$1,220,000	\$1,220,000
Project 7 - Bath Looping	\$1,910,000	\$1,910,000
Project 8 - CSO 019 Water Main Replacement	\$5,370,000	\$5,370,000
Project 9 - Pennsylvania Water Main Replacement	\$2,750,000	\$2,750,000
Project 10 - Mt. Hope Water Main Replacement	\$5,830,000	\$5,830,000

EGLE DWSRF Fiscal Year 2026 Projects:

Project	Project Cost	SRF Eligible Portion of Project
Project 11 - Well Installation – FY2026	\$2,860,000	\$2,860,000
Project 12 - Secondary Basin 1&2	\$1,680,000	\$1,680,000
Project 13 - Radios for Wells	\$5,580,000	\$5,580,000
Project 14 - State Secondary Complex Consolidation	\$8,710,000	\$8,710,000
Project 15 - Windsor Estates Mobile Home Park Consolidation	\$2,530,000	\$2,530,000
Project 16 - CSO 026 Water Main Replacement	\$11,880,000	\$11,880,000

EGLE DWSRF Fiscal Year 2027 Projects:

Project	Project Cost	SRF Eligible Portion of Project
Project 11 – Well Installation – FY2027	\$2,970,000	\$2,970,000
Project 17 - South Reservoir at Dye WCP	\$410,000	\$410,000
Project 18 - Dye WCP Filter Media Replacement	\$1,670,000	\$1,670,000
Project 19 – Wise Road WCP Filter Media Replacement	\$1,670,000	\$1,670,000
Project 20 - Abel Pumps No. 3&4 at Dye WCP	\$2,970,000	\$2,970,000
Project 21 - Grand Pointe Subdivision Consolidation	\$3,720,000	\$3,720,000
Project 22 - CSO 022 Water Main Replacement	\$20,520,000	\$20,520,000
Project 23 - Landel System Replacement, Grossbeck Area	\$13,940,000	\$13,940,000

EGLE DWSRF Fiscal Year 2028 Projects:

Project	Project Cost	SRF Eligible Portion of Project
Project 11 – Well Installation – FY2028	\$3,090,000	\$3,090,000
Project 24 - CSO Kalamazoo Street and N Pine Street	\$1,710,000	\$1,710,000
Project 25 - CSO Cherry Street Water Main Replacement	\$3,390,000	\$3,390,000

EGLE DWSRF Fiscal Year 2029 Projects:

Project	Project Cost	SRF Eligible Portion of Project
Project 11 – Well Installation – FY2029	\$3,220,000	\$3,220,000
Project 26 - Second Elevated Storage Tank	\$34,150,000	\$34,150,000
Project 27 - Wise Road WCP Plant Optimization	\$7,690,000	\$7,690,000
Project 28 - Master Meter Installation	\$150,000	\$150,000
Project 29 - CSO 008 Water Main Replacement	\$18,610,000	\$18,610,000
Project 30 - Landel System Replacement, Howard Street and Vine	\$3,280,000	\$3,280,000

The total estimated cost for all the projects included in the project plan is \$177,675,000. The DWSRF eligible project cost is \$177,675,000. Not all proposed projects may be completed, depending on the needs identified as the fiscal year approaches.

Beneficial impacts of the proposed projects include, but are not limited to, improved system hydraulics by removing water mains with high break counts, elevated levels of tuberculation, elevated roughness, chlorine degradation and have surpassed their useful life. An additional elevated water storage tank will improve hydraulic pressures in the south Lansing portion of the service area during peak demand events and help to reduce the BWL’s reliance on backup generators and pumps for water supplies during an emergency. Looping projects would provide redundancy, and reliability in strategic areas. Replacing wells that have surpassed their useful life will increase reliability in raw water production. Improvements at the Dye and Wise Road Water Conditioning Plants will increase reliability, reduce operation and maintenance costs, and optimize the water production process.

The BWL plans to fund the construction of these DWSRF projects through low interest ELGE loans. The predicted monthly cost to a typical residential user in the BWL service area to fund these projects are listed in the table below. It is anticipated that BWL rates will support this.

Fiscal Year	Projected Monthly User Cost Increase if All Scheduled Projects are Completed
2025	\$1.31
2026	\$2.01
2027	\$2.91
2028	\$0.50
2029	\$4.09

On or before April 16th, 2024 copies of the draft DWSRF Project Plan will be available for public review on the BWL website at: www.lbwl.com/customers/services/water. All interested parties are invited to present comments on the proposed Project Plan. Written comments may be submitted to the BWL, Attn. Dwayne Loper, PO Box 13007, Lansing, MI 48901, or via e-mail to Dwayne.loper@lbwl.com. Written comments must be received no later than April 29th, 2024 in order for them to be considered as part of the public record.