
2024 Utah Legislative Water Development Commission

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Utah Lake Water Quality Study

Goals & Objectives

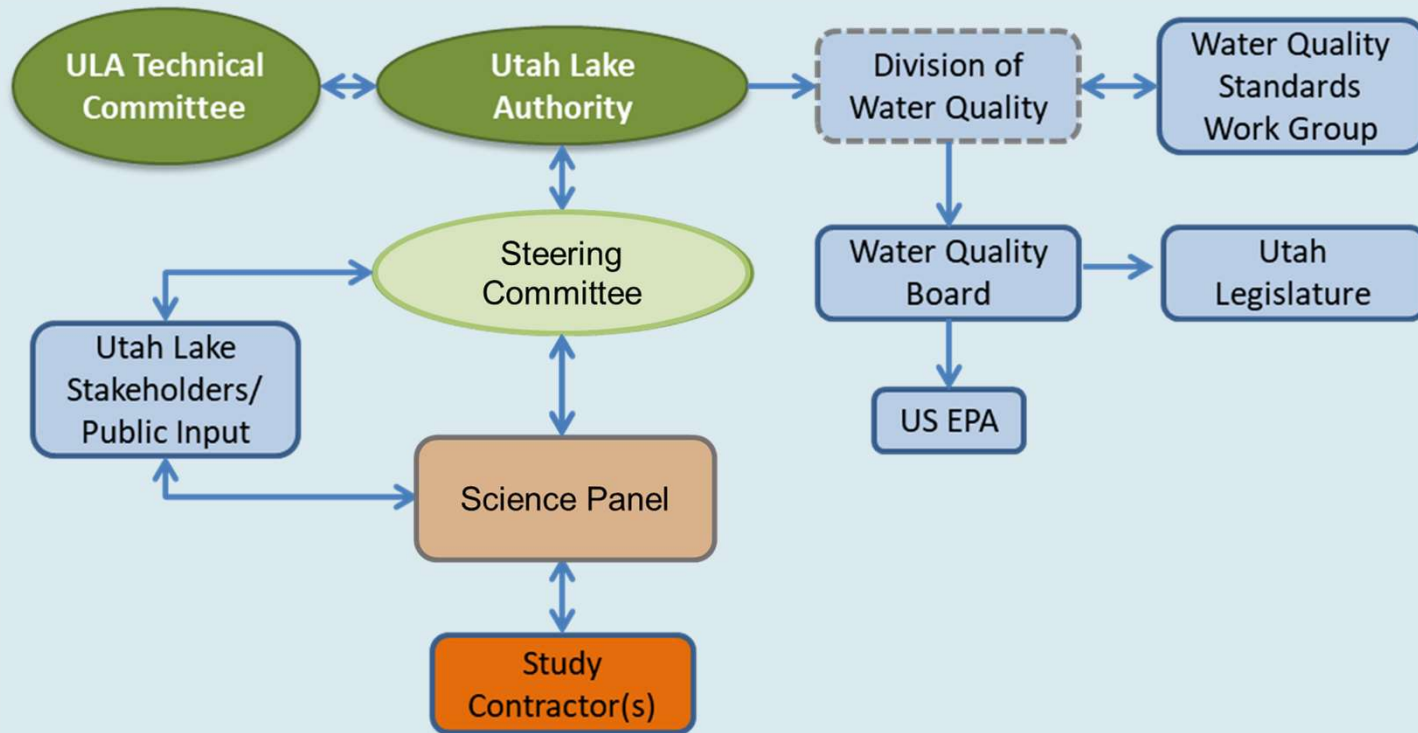


Improve and protect the recreation, aquatic life, and agricultural beneficial uses of Utah Lake

- Identify in-lake nutrient goals
- Develop water quality improvement strategy

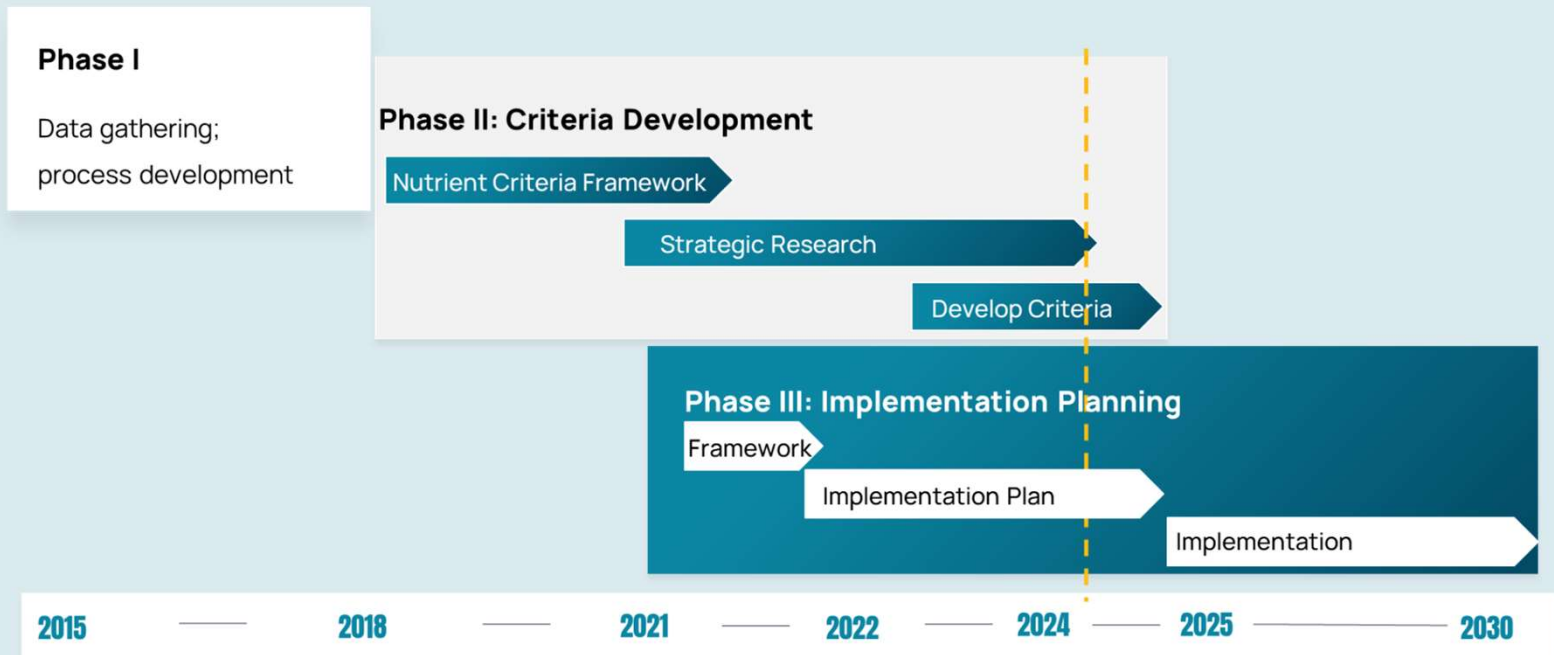
Utah Lake Water Quality Study

Stakeholder Process



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Phases & Timeline

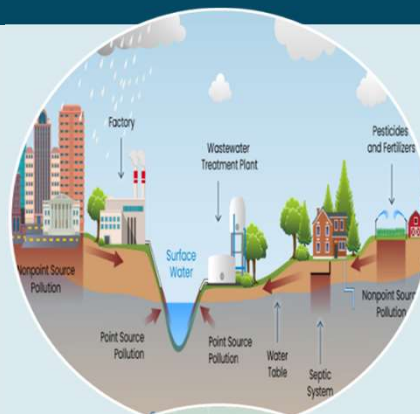


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Management Strategies

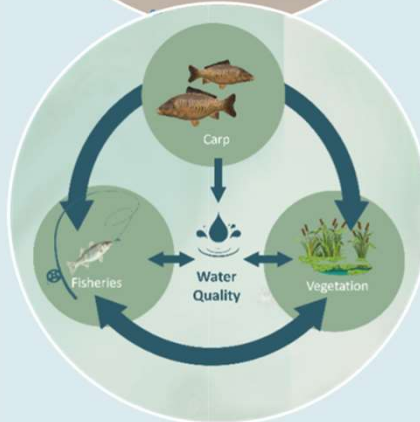
In-Lake Strategies

- Carp and fisheries management
- Macrophytes
- Nutrient recycling
- Biological, chemical, and mechanical treatments

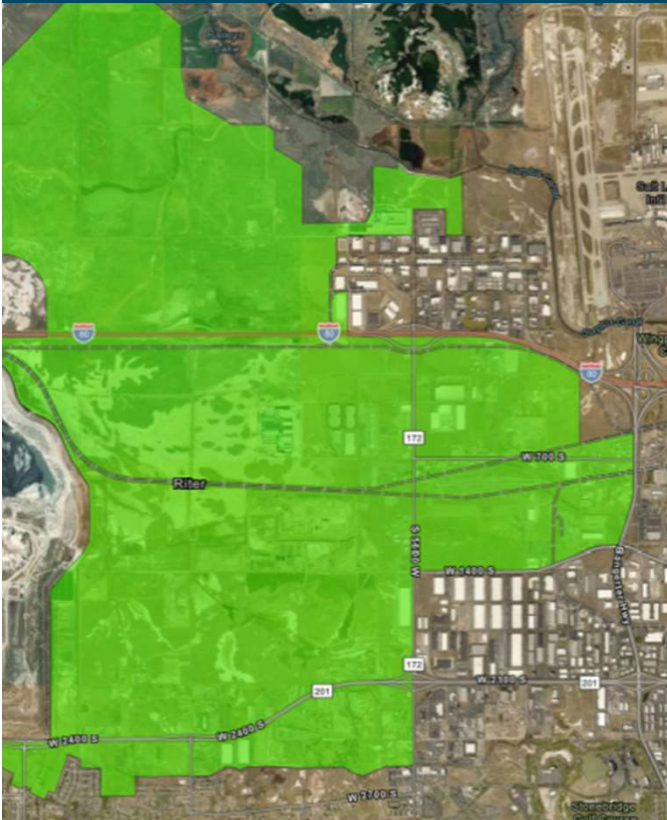


Watershed Strategies

- Nonpoint sources
- Point sources
- Stormwater
- Growth



GSL Studies



Inland Port Stormwater

- Evaluate stormwater quality in relation to land use changes at the Utah Inland Port.

Duck Club Wetlands

- In partnership with Farmington Bay duck clubs, UGS, and FFSL, evaluating causes of declining macrophyte health

Bird Egg Selenium

- In coordination with GSL Ecosystem Program, conduct routine evaluation of bird eggs to ensure Se levels remain protective

Functional Flow Targets

- In partnership with DWR and USU, develop flow targets to protect water quality beneficial uses as part of the GSL BIP.



Stormwater

Legislative



HB507: CONSTRUCTION AMENDMENTS

- Sought to bring consistency between regulated Municipal Separate Storm Sewer Systems (MS4s) and streamline requirements for prospective developers.

Interim Study: Inspections of Stormwater Retention Systems

- Study the inspection processes surrounding stormwater systems in construction and land development projects.

Stormwater

Post-Construction Stormwater

Great Salt Lake Stormwater Study

- HB429 studied the impact of stormwater management Low Impact Development on flows to the Great Salt Lake.
- DWQ plans to update the “A Guide to Low Impact Development within Utah” to address the outcome of that study.



Questions?



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