

Land Preservation

OBJECTIVE: Preserve and restore land that might otherwise be susceptible to development or other land disturbance to protect water quality and fish and wildlife habitat.

2020-2024
Estimated Investments:
\$19.5 million

- Pursue purchases of additional land through Property Acquisition Program (Obj. 1.1) (City)
- Manage and restore purchased land by planting and invasive species removal (Obj. 1.2) (City)
- Forest health assessments (Obj. 1.2) (City)
- Wildfire preparedness – Public properties and adjacent lands (Obj. 1.2) (City)
- **Lake Whatcom Forest Management Plan (City and County)**
- **Wildfire preparedness expansion – Private forest and residential properties (City and County)**
- **Reassign items to new Program Area for Forest Management (City and County)**

Stormwater

OBJECTIVE: Protect and restore water quality in Lake Whatcom and its tributaries by using best practices to collect, treat, and manage stormwater runoff from developed areas throughout the watershed.

2020-2024
Estimated Investments:
\$16.9 million

- Capital facility construction and retrofit projects (Obj. 2.1) (City and County)
- Residential assistance programs (Obj. 2.2) (City = HIP, County = NNLP)
- System-wide Operations and Maintenance (O+M) (Obj. 2.3) (City and County)
- **PBOOM Enhanced Maintenance Plan (EMP) for capital facilities (City)**
- **PBOOM Standard Operating Procedures (SOPs) for public areas (City)**
- **Next generation of HIP (City)**
- **Develop and monitor advanced stormwater treatment technologies (County w/Regional Partners)**

Land Use

OBJECTIVE: Prevent water quality and quantity impacts from new development, redevelopment, and forest practices.

2020-2024
Estimated Investments:
\$1.8 million

- Enforcement and application of land use regulations and mitigation requirements for single family lot development and redevelopment (Obj. 3.1) (City and County)
- Regulations for development/ redevelopment of multi-family properties (Obj. 3.1) (City)
- Review and comment on private forest applications (Obj. 3.2) (City and County)
- **Lake Whatcom Forest Management Plan (City and County)**
- **Reassign items to New Program Area for Forest Management (City and County)**

Monitoring and Data

OBJECTIVE: Collect and manage data to increase our understanding of water quality and pollution sources, reduce uncertainty in the Lake Whatcom loading and response models, and guide management decisions.

2020-2024
Estimated Investments:
\$3.4 million

- Lake Whatcom monitoring (Obj. 4.1) (City, County, LWWSD)
- Tributary monitoring (Obj. 4.2) (County and LWWSD)
- Stormwater monitoring (Obj. 4.3) including BMP Effectiveness (City and County)
- **Lake Whatcom Climate Vulnerability Assessment (City and County)**
- **TMDL Reassessment update (County)**
- **New studies to understand long term Lake health (City, County, LWWSD)**
- **PBOOM BMP Effectiveness Monitoring (City)**

Hazardous Materials

OBJECTIVE: Prevent water quality impacts associated with improper storage and handling of hazardous materials and ensure that spill prevention and response programs adequately protect water quality.

2020-2024
Estimated Investments:
\$225,000

- Collect and dispose of hazardous materials via Disposal of Toxics Facility (Obj. 5.1) (County)
- Maintain list of low-P materials for use in gardens and landscapes (Obj. 5.1) (City)
- Respond to spills and track responses (Obj. 5.2) (City and County)
- **Update low-P materials list (City)**

Recreation

OBJECTIVE: Provide access to recreational opportunities that are consistent with water quality goals.

**2020-2024
Estimated Investments:
\$4.7 million**

- Stormwater treatment at recreation facilities (Obj. 6.1) (City and County)
- Balance demand for access to recreational lands with water quality (Obj. 6.1-6.3) (City and County)
- Participate in regional land management partnerships to engage user groups (Obj. 6.4) (City and County)
- **Expansion of restrooms at high-use locations (County)**

Aquatic Invasive Species

OBJECTIVE: Prevent new aquatic invasive species (AIS) introductions to Lake Whatcom and minimize impacts associated with established invasive species.

**2020-2024
Estimated Investments:
\$2.8 million**

- Run Whatcom Boat Inspections (Obj. 7.1)
- Implement AIS monitoring (Obj. 7.2)
- Participate in regional AIS partnerships to maintain situational awareness in the field (Obj. 7.3)
- Continue to address known and suspected AIS populations in local waterways (Obj. 7.3)
- **Lake Whatcom Rapid Response Plan (City)**
- **Additional early detection and monitoring efforts to fill in State data gaps (City, County, LWWSD)**

Utilities and Transportation

OBJECTIVE: Prevent water quality and quantity impacts from water, sewer, and transportation systems.

**2020-2024
Estimated Investments:
\$8.9 million**

- Manage infrastructure to protect water quality and provide public services (Obj. 8.1-8.3) (City, County, LWWSD)
- **Water System Plan update - includes improvements and upgrades across the system (City)**
- **Updated Water Conservation programs that increase water conservation (City, County, LWWSD)**
- **Direct install program for low-flow toilets for low-income residents (City)**
- **Bikeway projects for multi-modal transportation options (City – DRAFT Plan)**

Education and Engagement

OBJECTIVE: Educate and engage watershed residents and visitors to promote and facilitate the adoption of behaviors that protect water quality.

**2020-2024
Estimated Investments:
\$825,000**

- New Homeowner packets, Newsletter, and other materials regularly distributed (Obj. 9.1) (City and County)
- Conduct five-year repeatable survey to measure resident knowledge (Obj. 9.1) (City and County)
- Support for homeowner-focused programs and behavior change efforts (Obj. 9.2) (City and County)
- **Increase awareness about wildfire preparedness and risk reduction (City and County)**

Administration

OBJECTIVE: Implement the Lake Whatcom Management Program (LWMP) Work Plan and provide opportunities for public input.

**2020-2024
Estimated Investments:
\$700,000**

- Coordinate efforts and budget among three jurisdictions (Obj. 10.1, 10.2, 10.4) (City, County, LWWSD)
- Organize and publish annual reports (Obj. 10.3) (City, County, LWWSD)
- Ensure that programs meet regulatory requirements (Obj. 10.5) (City and County)

KEY:

- Items from current work plan, carried over or continued into next work plan, proposed.
- **New items to be added to next work plan, proposed.**