

# Seattle City Council

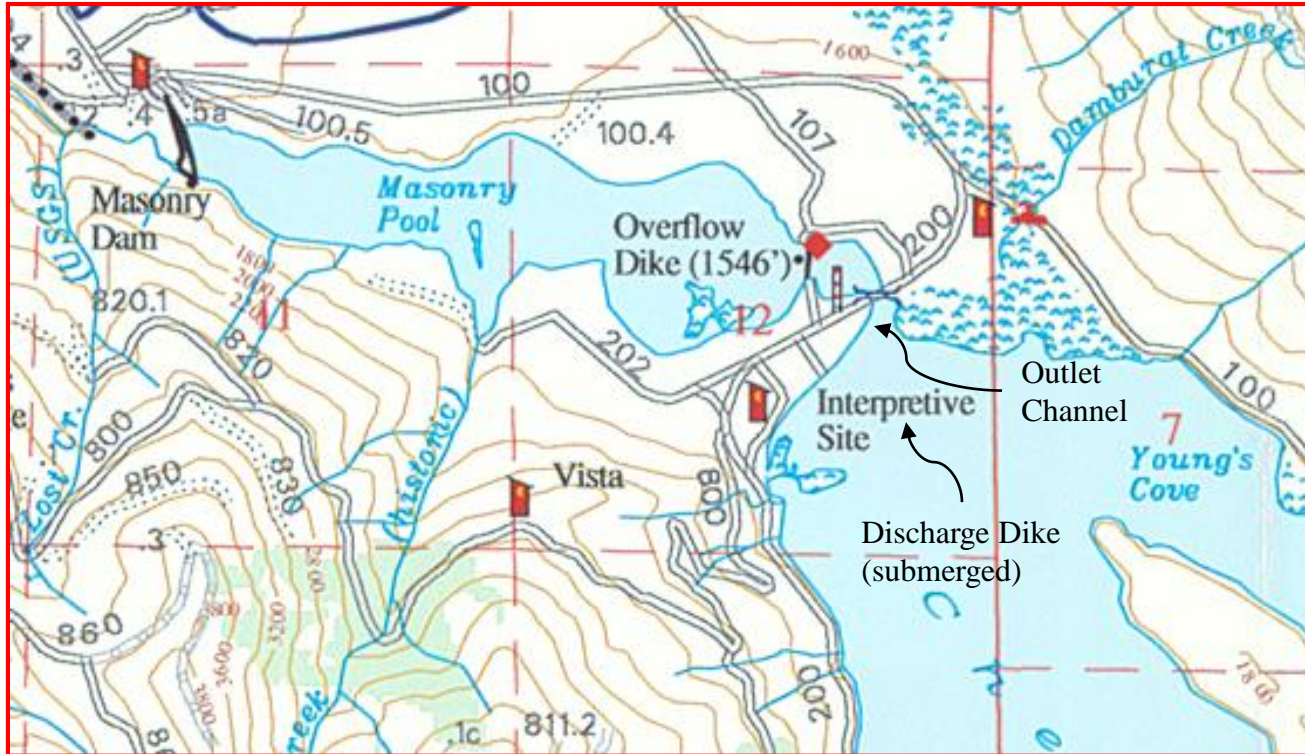
Civil Rights, Utilities, Economic Development & Arts  
Committee

Washington State Public Works Board  
Low Interest Loan

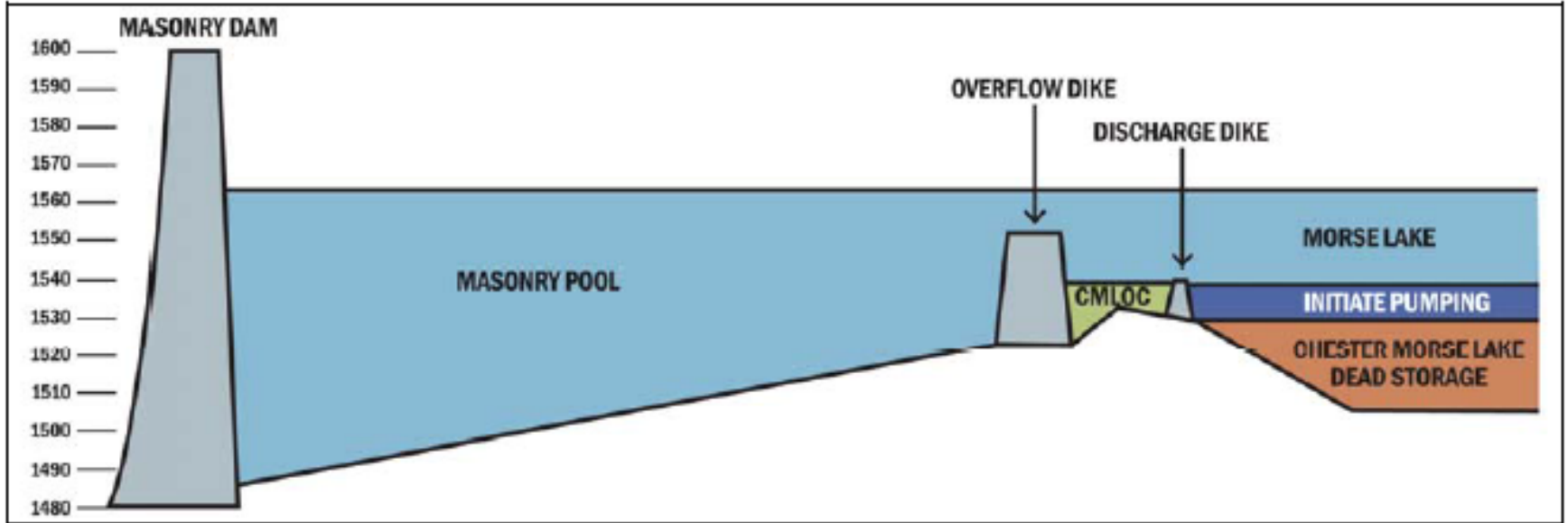
*September 16, 2016*

Seattle  
 Public  
Utilities

# Project Location & Problem



# Morse Lake Pump Plant Project Hydraulic Profile



**With low water levels, pumps allow access to water stored below the Discharge Dike (1538 ft.) to meet instream flow commitments (fish) and water supply demand (people)**

# 2015 Chester Morse Lake Emergency Plants Mobilized



MLTPP – PP2 – PP1 (L to R); Discharge Dike  
(middle); Outlet Channel (left bottom)



# 2015 Chester Morse Lake Emergency Plants Mobilized



Outlet Channel (Top); Discharge Dike (Middle)  
PP2 – PP1 – MLTPP (L to R);

# Project Finances

## Drinking Water State Revolving Fund (SRF) Loans

1. 2013 SRF Loan \$12.1M – Cash Savings \$10.6M
2. 2015 SRF Loan \$6.0M – Cash Savings \$4.1M  
(Pending Council Approval)

## Project Costs

Estimated Current Project Costs: \$46.7M

2016 Adopted Budget: \$40.7M

## Drivers of Cost Change

2015 drought led to project delays and changes in design