

Reclaimed Water: Financing should not be your barrier.

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Water Quality Program



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infrafunding.wa.gov



IACC

Infrastructure Assistance Coordinating Council



Funding Reclaimed Water

So you have a project?

- Does it have regulatory approval?
- Is it technically feasible?
- Is your elected body supportive?
- Is the public on board?
- Is it financially sustainable?
- Is it cost effective?



State Revolving Fund

- Low interest Loan Program
- Federally capitalized fund
- Loans to fund water quality projects.
- Repayments and interest revolve
- Managed at the state level
- Financing for cost effective solutions





Washington's Water Quality Funding

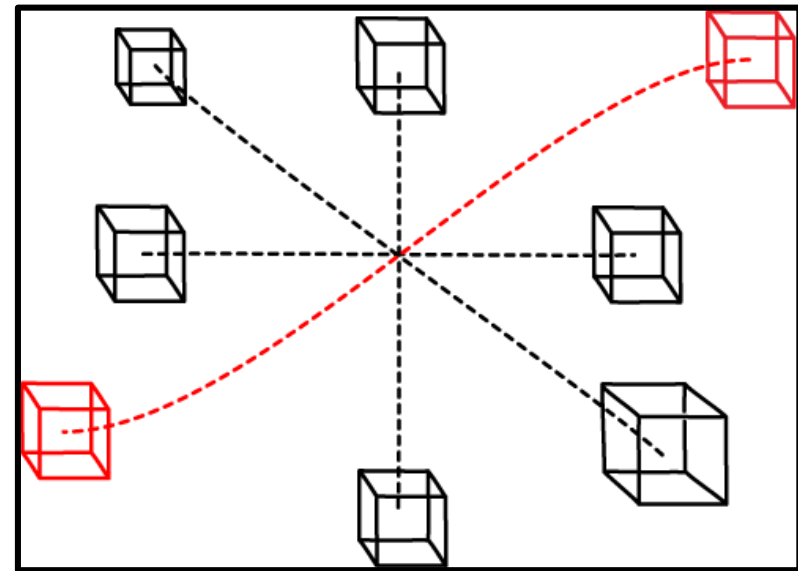
Funding All Dimensions Of Water Quality

Beginning to End

- Comprehensive sewer planning
- Feasibility studies
- Site-specific facility planning
- Value engineering
- Design
- Construction
- Construction Management

Tiny to Large

- I/I correction
- Treatment works



All "Waters of the State"

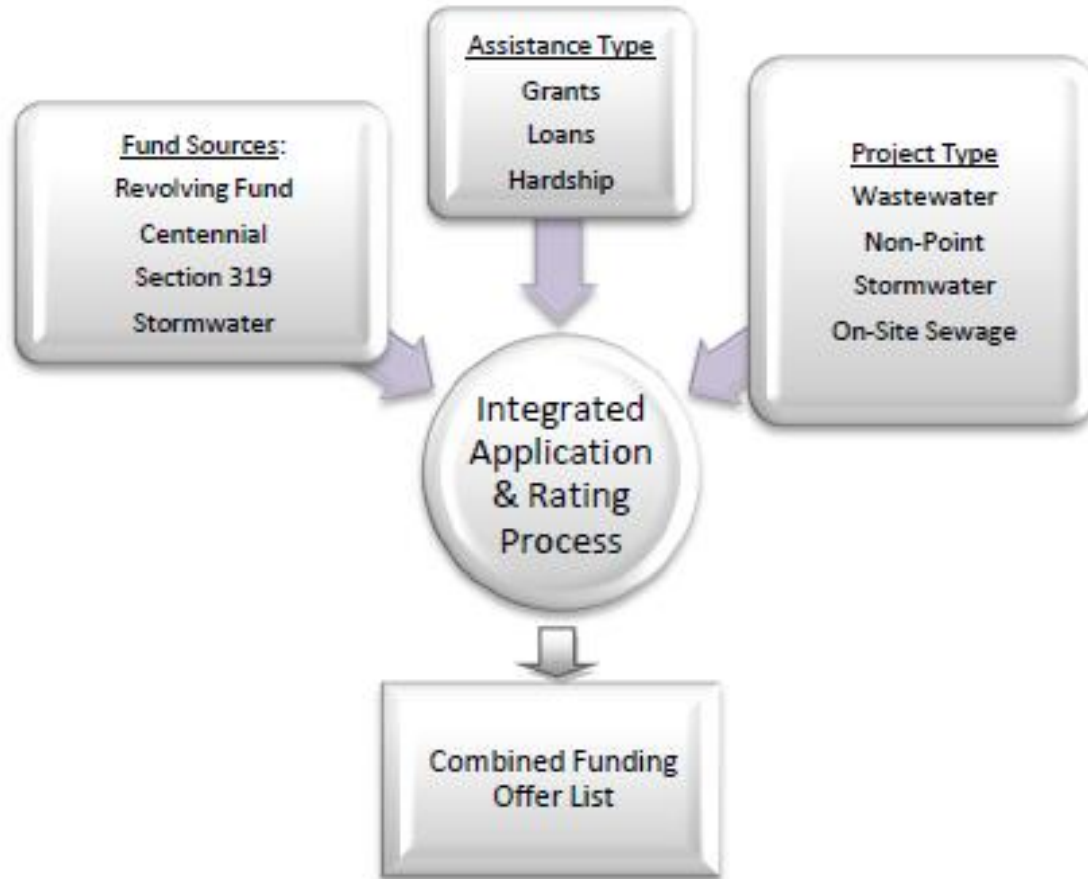
- Surface Water
- Ground Water
- Ocean
- Estuaries

Simple to Complex

- Septic and LOSS
- Natural Systems
- Mechanical Treatment
- Reclaimed Water



Integrated Water Quality Funding Program

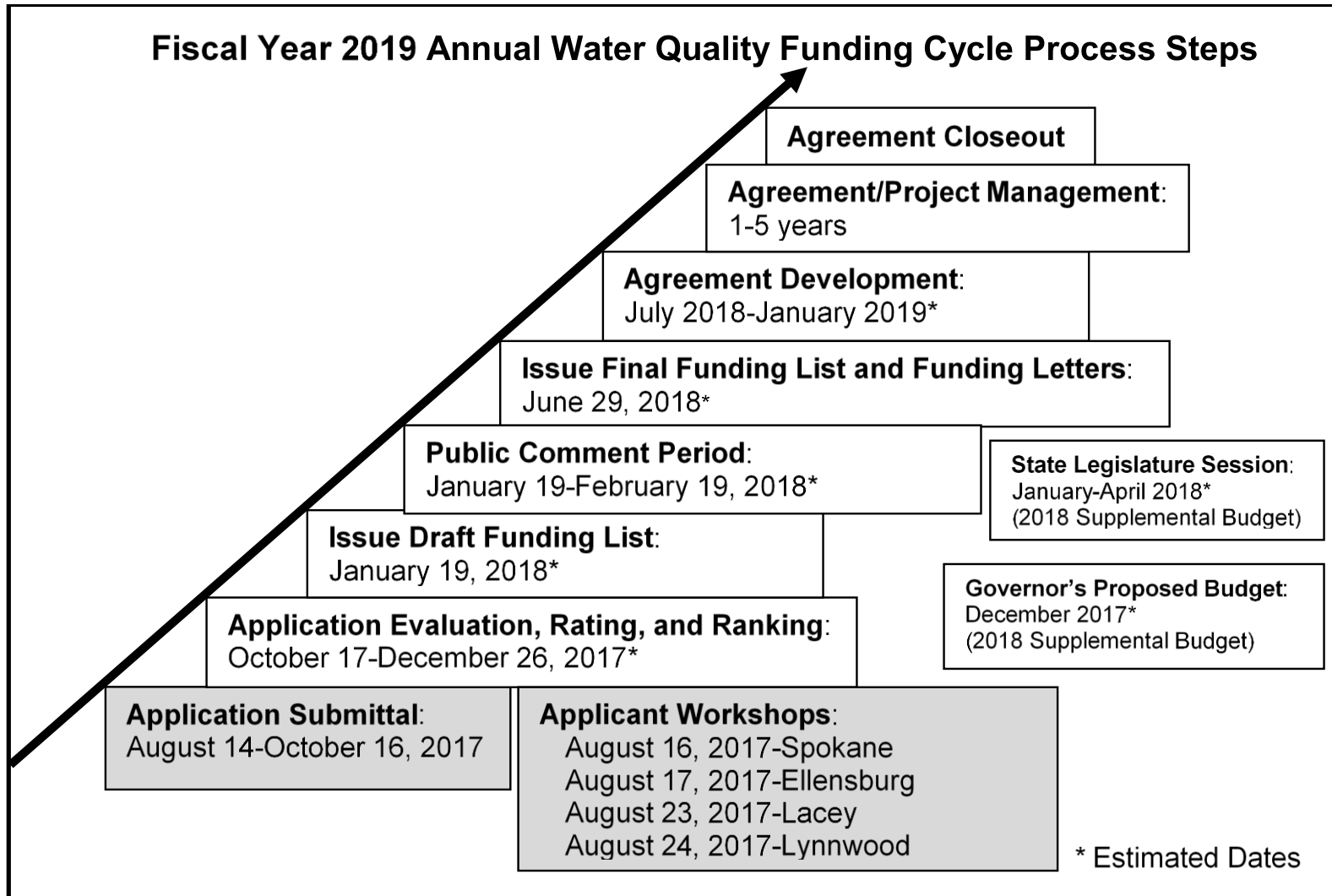


EAGL On-Line Portal

- Ecology Administration of Grants and Loans
 - Application
 - Agreement Development
 - Reimbursement
 - Progress Reporting



SFY19 Funding Cycle



SFY19 CWSRF Standard Interest Rates

Based on market rate (MR) for tax exempt municipal bonds

30 year loans = 2.6% (80% of MR)	
20 year loans = 2.0% (60% of MR)	
5 year loans = 1.0% (30% of MR)	
Watershed activities	30 year = 2.0% (60% of MR)
	20 year = 1.3% (40% of MR)
	5 year = 0.7% (20% of MR)



Caveat Emptor

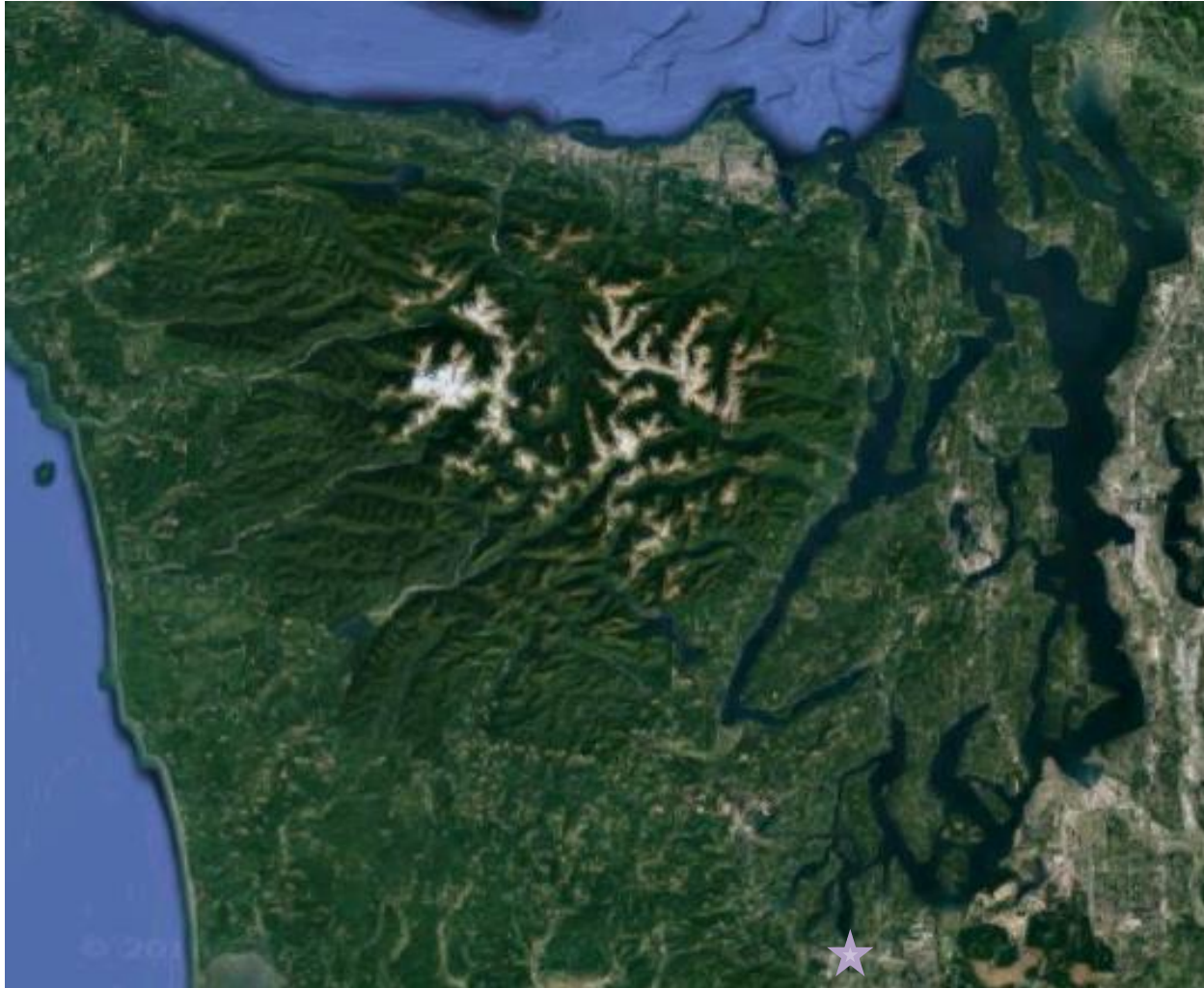
- The SRF carries federal conditions
 - State public works procurement rules
 - Comply with conditions of SERP and Cross cutters
 - Applicant must be in compliance with the Growth Management Act (GMA) before finalizing agreement.
 - Federal Davis-Bacon wage law
 - Federal Disadvantaged Business Enterprise
 - Federal Equal Employment Opportunity
 - Federal Debarment and Transparency requirements
 - Investment Grade Efficiency Audit
 - American Iron and Steel requirements
 - Asset Management requirements





How about an example?

Ocean Discharge?



LOTT Alliance

- Lacey, Olympia, Tumwater, Thurston County (LOTT)
 - Each partner owns collection system.
 - LOTT provides regional treatment.
 - 1976 - Alliance formed
 - 1990 - Full denitrification
 - 2005 –Total Inorganic Nitrogen Limits
 - 3 mg/L, 288 lbs/day (monthly average)



Reclaimed Water at LOTT

- Reclaimed Water Plant
- Satellite Reclaimed Water Plant
- Infiltration Basins
- Distribution System
- Storage Reservoir



LOTT reclaimed water storage reservoir



View from the 14th fairway



How did the SRF help?

- The Martin Way satellite reclaimed water plant
 - \$30 M loan, 2005
- Reclaimed Water Transmission Main
 - \$1.0 M loan, \$1.0 M grant, 2010
- Reclaimed Water Storage Reservoir
 - \$4.3 M loan, 2012





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Time for Questions