



CAPITOL LAKE — DESCHUTES ESTUARY

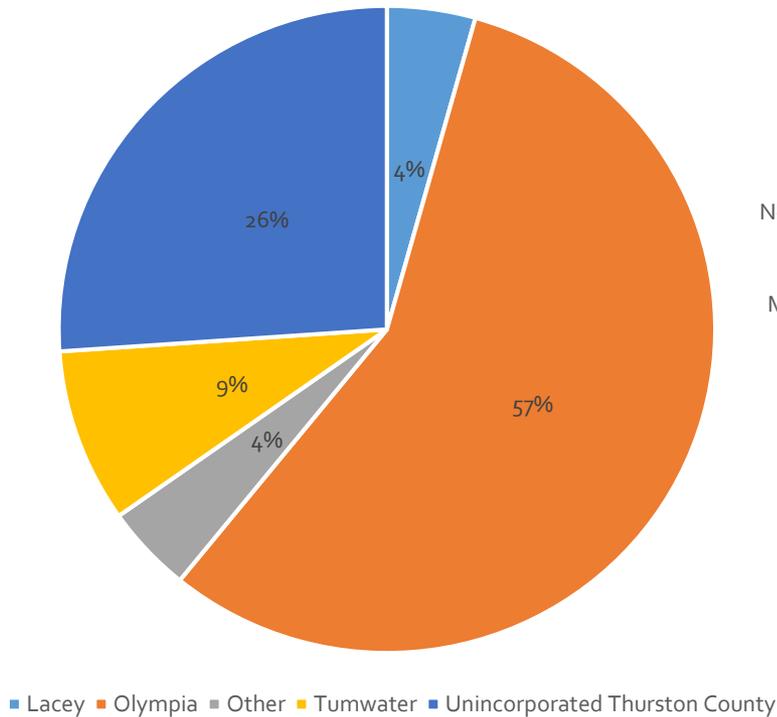
Long-Term Management Project Environmental Impact Statement

EXECUTIVE WORK GROUP APRIL 2019

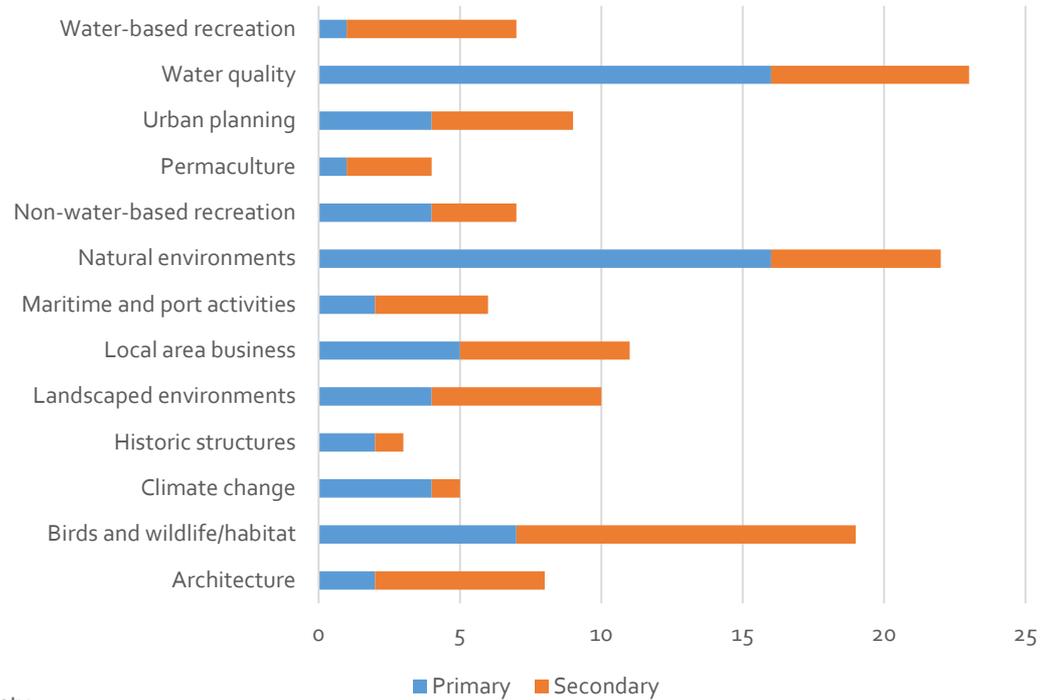
April 2019

Responses (69)

Responses by Location



Responses by Interests



Selection Process

- ✦ Step 1: Sorted (organizational or individual)
- ✦ Step 2: Sorted (primary interest)
- ✦ Step 3: Reviewed “Why are you interested in participating on this Community Sounding Board?”
- ✦ Step 4: Considered residence
- ✦ Step 5: Considered gender
- ✦ Step 6: Additional review and refinement to improve diversity of secondary interests
- ✦ Step 7: Enterprise Services further refined the list to ensure a balance of interests and approved a final list (25 participants)



Charter

- ✦ Establishes roles and responsibilities
- ✦ Clarifies authority
- ✦ Summarizes expected outcomes
 - “Areas of agreement will be identified should they emerge, though there will be requirement to reach consensus.”
- ✦ Establishes operational protocols
 - No quorum requirement
 - One alternate permitted for organizational representatives
- ✦ Sets standard for group conduct

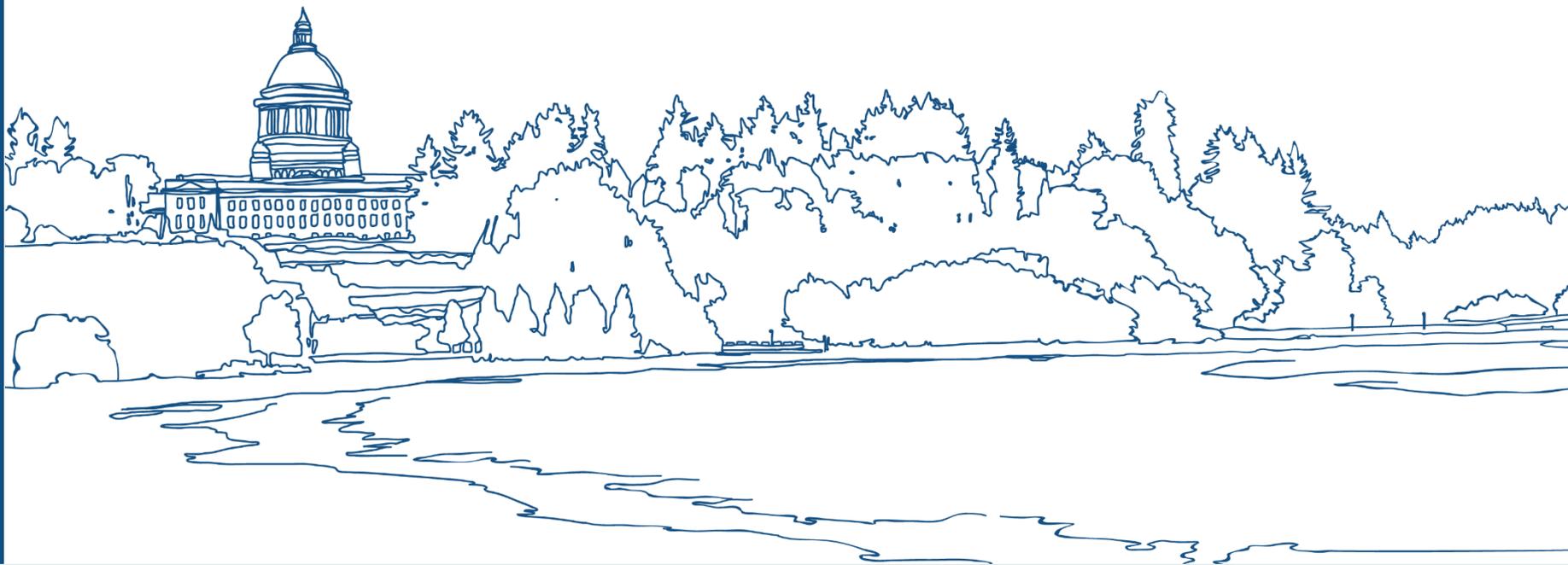


Meeting #1 Recap: April 8, 2019

- ✦ Project overview
- ✦ Charter review
- ✦ Measurable Evaluation Process
 - Generally positive response
 - Insightful concepts to consider
 - Not fatal flaws identified
- ✦ Public comment opportunity



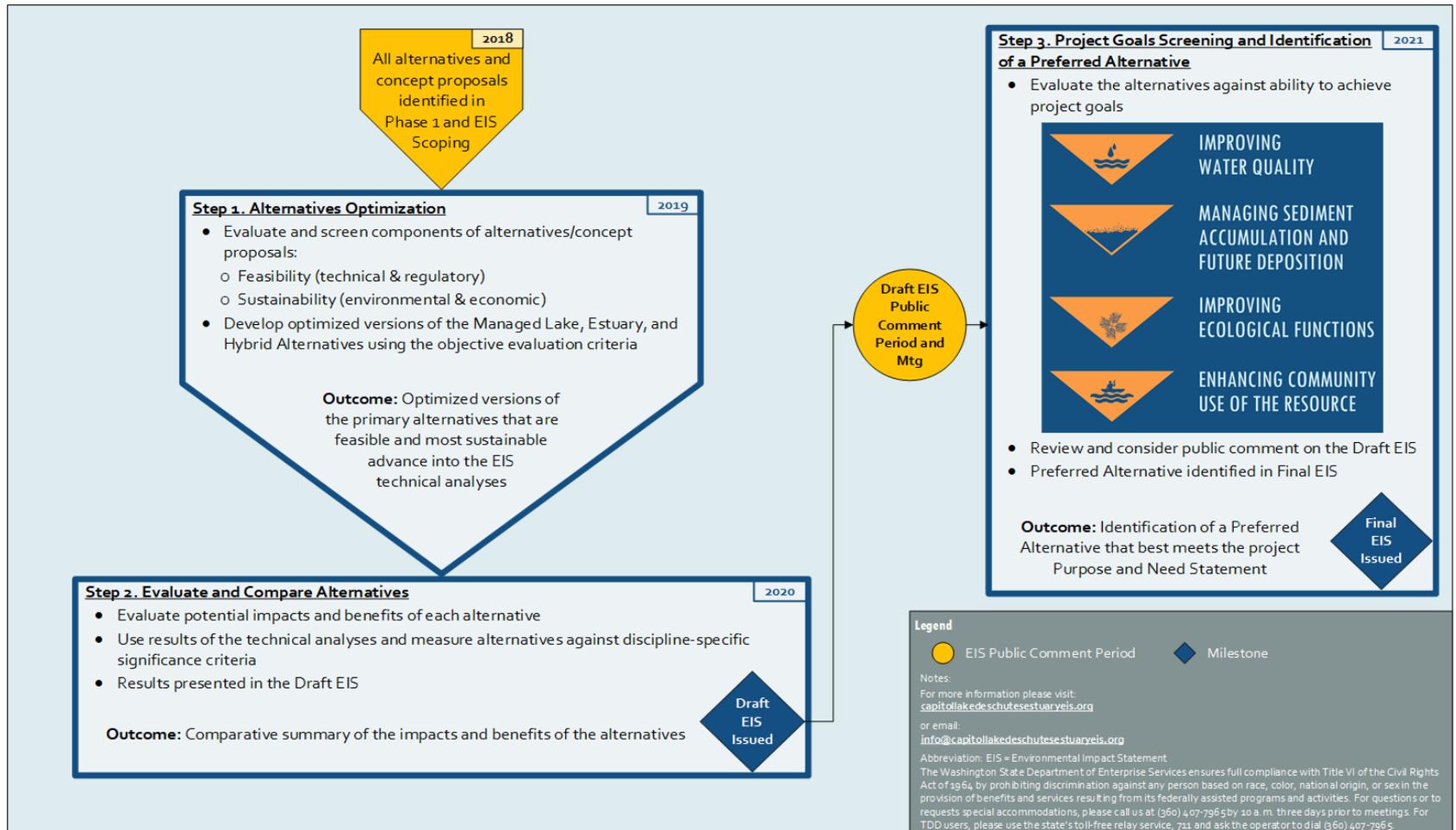
Questions?



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Measurable Evaluation Process



Evaluation Criteria

Evaluation Criteria	Rating Scale	Notes
Technical Feasibility	High Medium Low	A component is considered technically feasible (1) if there are no apparent technical or logistical obstacles that would prevent the component from being constructed and maintained and (2) if there is technical uncertainty, it is at an acceptable level based on current, standard engineering practices.
Regulatory Feasibility		A component is considered to have regulatory feasibility if (1) permits and approvals could be secured within project schedule and budget and (2) it is within Enterprise Services' jurisdiction to implement and there are no legal protections on land, or other similar restrictions that could affect the feasibility.
Environmental Sustainability	High Medium Low	A component will support an environmentally sustainable outcome if it would provide net environmental benefits over a 30-year horizon, considering relative contribution to project goals.
Economic Sustainability		Unknown A component will support an economically sustainable outcome if it would be cost-effective in meeting the project goal. A proposed approach is considered cost-effective if its present value life-cycle costs over a 30-year time horizon are low relative to other proposed approaches within the same project component.



Evaluation Outcomes

Evaluation Criteria	Rating Scale	Notes
Overall Rating	Green Yellow Orange	Green = Achieved the highest rating and no low ratings. Yellow = Received a mixture of high and medium ratings, and/or one low rating. Orange = Received two or more low ratings, and/or the lowest rating overall.
Selected for Optimized Alternative	✓ / ×	✓ = Selected based on results of the evaluation. × = Not selected based on results of the evaluation.
Component Rating Confirmed	Y / N	(To be completed following technical analyses) Y = Yes, component is considered feasible and sustainable, based on current design, best available science, and EIS Project Team review. N = No, component has failed feasibility and sustainability review.

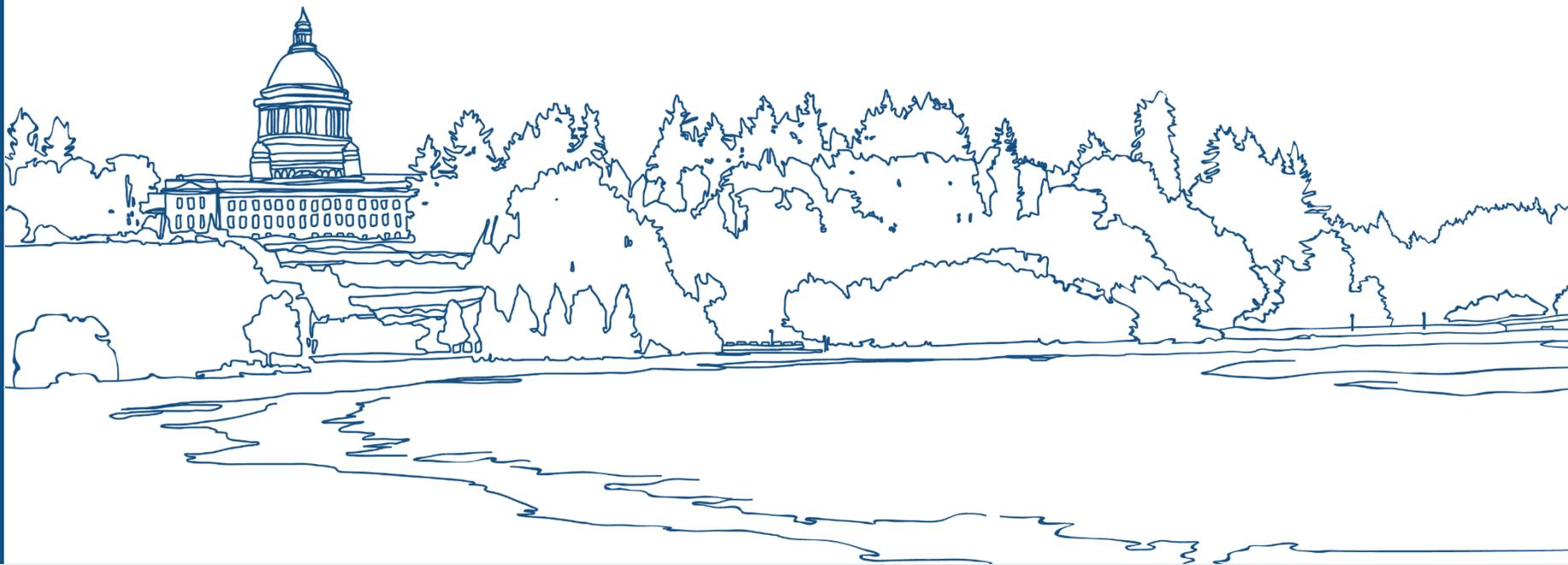


Step 1

Project Goals	Project Components	Proposed Approach	Alternatives & Concepts	Evaluation Criteria				Evaluation Outcomes		
				Technical Feasibility	Regulatory Feasibility	Environmental Sustainability	Economic Sustainability	Overall Rating	Selected for Optimized Alternative	Component Rating Confirmed <i>(following technical analyses)</i>
Water Quality	Passive Water Quality Improvements									
	Active Water Quality Management									
Sediment Management	Dredging Summary									
	Dredged Material Disposal									
	Ongoing Sediment Control									
	Additional Dredging Considerations									
Ecological Functions	Invasive and Nuisance Species Management									
	Freshwater Wetlands									
	Offsite Ecological Restoration									
Community Use	Recreational Opportunities in & around Lake									
	Additional Recreational Considerations									



Questions?



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Water Quality Methodology

- ✦ Relies heavily on existing data and previous analyses with updated analysis as appropriate
 - High level of available data and previous analyses of Capitol Lake and Lower Budd Inlet
 - Uses established protocols, models, assessment tools
 - Efficiently uses available funds
 - Allows informed decision making within project schedule
- ✦ The EIS evaluation will focus on comparative impacts to the water quality parameters of key interest
- ✦ Will be reviewed by Technical Work Group tomorrow and by Independent Third Party Experts in May



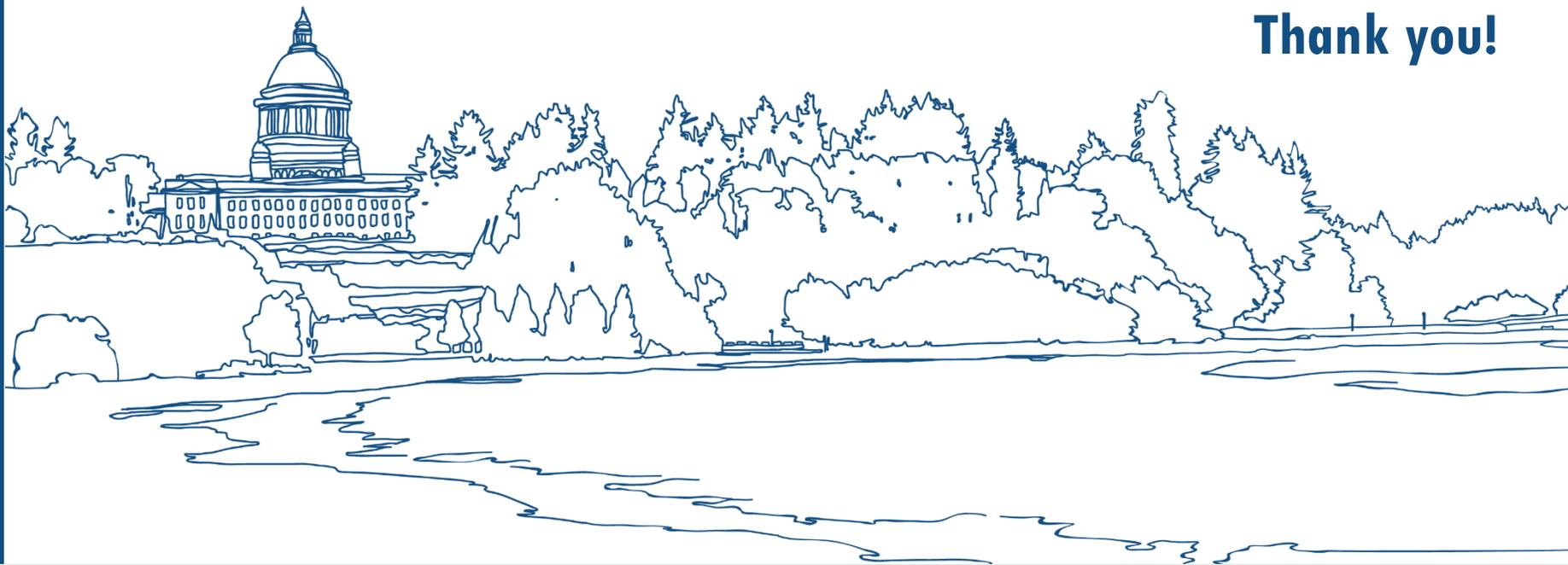
Upcoming Project Activities

- ✦ Developing methodologies for the following disciplines
 - Hydrodynamic and Sediment Transport Modeling
 - Economics
 - Sediment Quality
 - Aquatic Invasive Species
 - Land Use, Shorelines and Recreation
 - Wetlands/Vegetation and Fish/Wildlife
- ✦ Reviewing existing background documents and identifying data needs
- ✦ Obtaining new data as needed
 - Bathymetric survey of Capitol Lake
 - Water quality sampling in Capitol Lake
 - Potential recreational surveys
- ✦ Coordinating a consultant-team site visit



Questions?

Thank you!



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