



MEETING OF THE BOARD OF DIRECTORS
AGENDA
CASCADE WATER ALLIANCE
Held at Cascade's Office and Via Zoom Meeting
May 24, 2023
3:30 PM

	<u>Page</u>
1. CALL TO ORDER	
2. ROLL CALL	
3. PUBLIC COMMENT	
4. APPROVAL OF AGENDA	
5. CHIEF EXECUTIVE OFFICER'S REPORT	
6. CONSENT ITEMS	
a. Board Meeting Minutes for March 22, 2023.	<u>15</u>
b. Meeting Minutes of the Special Board Drinking Water Quality Policy Framework Workshop for March 29, 2023.	<u>18</u>
c. Meeting Minutes of the Special Board Meeting for May 9, 2023.	<u>20</u>
d. Motion to authorize the Chief Executive Officer to execute a contract with Ryatt Construction for the demolition and asbestos remediation of the Ford property in an amount not-to-exceed \$70,000.	<u>21</u>
e. Motion to authorize the Chief Executive Officer to enter into a contract with the highest rated firm by Cascade's Selection Committee to perform routine security equipment maintenance and related services at the White River – Lake Tapps Reservoir project in an amount not-to-exceed \$90,000.	<u>23</u>
f. Motion to authorize the Chief Executive Officer to award and execute a contract to fabricate and install a replacement hydraulic power unit and related flow control system components in the Valve House in an amount not-to-exceed \$97,000.	<u>25</u>
g. Motion to adopt Resolution 2023-10 authorizing the Chief Executive Officer, in consultation with legal counsel to finalize and execute a 5-year temporary construction easement to be granted by Cascade Water Alliance to the U.S. Army Corps of Engineers, related to the Corps' Mud Mountain Dam Fish Passage Project, substantially in the form attached.	<u>27</u>

7.	PRESENTATION	
a.	Sumner White River Restoration Project Update (presented by Sumner staff).	<u>45</u>
8.	OTHER ACTION ITEMS	
a.	Motion to adopt Resolution No. 2023-11 adopting Cascade's Drinking Water Quality Policy Framework.	<u>66</u>
b.	Motion to authorize the Chief Executive Officer to implement a pilot project during 2023 that allows homeowner associations and individual homeowners to utilize Cascade's Aquatic Plant and Algae Management general permit when they contract directly with the contract applicator used by Cascade to chemically treat Eurasian Milfoil in the Lake Tapps Reservoir.	<u>78</u>
9.	COMMITTEE REPORTS	
a.	Executive Committee – <i>May 4, 2023 Meeting Held.</i>	<u>80</u>
b.	Finance and Management Committee – <i>March 21, 2023 Meeting Held; April 18, 2023 and May 16, 2023 Meetings Cancelled.</i>	<u>81</u>
c.	Public Affairs Committee – <i>April 5, 2023 Meeting Held and May 3, 2023 Meeting Cancelled.</i>	<u>82</u>
d.	Resource Management Committee – <i>April 19, 2023 Special Meeting Held and May 11, 2023 Meeting Held.</i>	<u>84</u>
10.	NEW BUSINESS	
11.	NEXT REGULAR MEETING – <i>June 28, 2023 – Cascade Office or Via Zoom Meeting – 3:30 p.m.</i>	
12.	ADJOURN	

NOTE: AS ALLOWED BY STATE LAW, THE BOARD OF DIRECTORS MAY ADD AND TAKE ACTION ON ITEMS NOT LISTED ON THE AGENDA.



MEMORANDUM

DATE: May 24, 2023

TO: Penny Sweet, Chair
Board of Directors

FROM: Chuck Clarke, Acting Chief Executive Officer

SUBJECT: Chief Executive Officer's Report

Administration, Finance, and Economics

- The Government Finance Officers Association has awarded Cascade the Distinguished Budget Presentation Award for its 2023 - 2024 budget. The award is the highest form of recognition in governmental budgeting and represents a significant achievement by Cascade. This is the third time Cascade has achieved the award. Cascade's award-winning budget book can be found at the following link <https://cascadewater.org/wp-content/uploads/2022/12/2023-2024-BUDGET-BOOK-FINAL-1.pdf>
- Arbitrage rebate calculations were completed in April 2023 on the 2012 Cascade revenue bonds. No rebate liability was due.
- BrightNight responded to Cascade in April that the locations Cascade had identified as potentially available for their battery storage project are not suitable because they are largely covered by wetlands. Cascade staff asked BrightNight to identify all areas on our parcels that won't work for them for one reason or another (wetlands, overhead utilities, etc.) before we attempt to answer if we think we have any areas that would be leasable or for them to propose a new area. At this point it does not appear likely that Cascade will lease any additional areas to BrightNight for this project. However, the BrightNight project still appears to be moving forward with Puget Sound Energy with a potential start to construction in early 2024. Per the agreement that Cascade entered last year, Cascade would receive \$1.18 million upon commencement of construction if the project were to move forward. At the Board's direction, Cascade is always searching for ways to maximize the value of our assets if our ability to produce water in the future is not impacted.
- Clark Nuber, Cascade's outside auditing firm, completed the bulk of their work and will present the results of the audit at the June 2023 Finance and Management Committee meeting. The auditors examined Cascade's financial reports, internal controls, and compliance with policies and procedures.
- Clark Nuber conducted a review of Cascade's first quarter of 2023 financial transactions in May 2023. The results of the reviews will be reported to the Finance and Management Committee later this year.
- There have been 366 net RCFC's reported through April 2023, with one Member report missing. At this pace (1,098), Cascade will not meet 2023 budget expectations (1,300).
- Cascade has moved into our new office. Work on the audio visual for the conference rooms and the cabinetry is still ongoing and should be finished in the next month.
- Cascade staff attended the Association of Washington Cities Healthy Worksite Summit in March 2023 to learn about ways to continue to improve Cascade's wellness plan and

maintain the WellCity Award that saves Cascade 2% on health insurance costs. Cascade staff is participating in the AWC Trailblazers walking campaign in May.

- Cascade has been approached by King County Water and Land Resources Division about the possibility of selling the Noonan and Ford parcels to them for the preservation of wildlife, fish, and wetlands. Cascade is evaluating the possibility of securing the proper permanent and construction easements and selling the properties to the County but may have to delay work on this project until 2024 due to more pressing legal issues in 2023. The County has asked Cascade to proceed with the planned demolition of the Ford property.

Capital Projects and Operations

- Lake Tapps Reservoir level is 542.92 as of May 15, 2023. The reservoir level reached 543.00 on May 12 for a half hour to demonstrate Cascade's right to maintain the lake at this level. Cascade seeks to maintain a summer recreational level of 542.5' to 542.65'.
- Cascade is working with the City of Sumner and Burlington Northern Santa Fe (BNSF) railroad on the future Sumner outflow channel and BNSF Bridge.
- A Value Planning/Value Engineering study was conducted between April 24 to April 27. A final presentation of the outcome of the study is scheduled for May 25. This study will help Cascade decide on preferred options to block water and allow safe infrastructure repair and replacement work to be performed in the future on the segment of flow line from Lake Tapps Outlet to the Forebay.
- Cascade and Veolia management staff met on May 9 for the quarterly Cascade/Veolia management meeting. Veolia reported that they have upgraded their work management system to a completely new system that is much more user friendly, robust and can be integrated with Geographic Information Systems. It was also reported that Veolia is in the process of hiring to replace the retiring Project Manager Gerald Smart. Veolia is committed to keeping Cascade informed and involved in the replacement decision.
- Cascade is working with the State Dam Safety Office on the 5-year dike inspection comments and anticipates completing all items by the end of May.
- The fish screen has several pieces of mechanical and electrical equipment that demonstrated signs of impending failure or has failed. Cascade is working with RH2 to investigate and come up with a repair/replacement plan.
- Cascade has issued a task order to complete the installation of the purchased auxiliary local control pump unit as a backup hydraulic control to the failing hydraulic power unit. This auxiliary pump unit will be complementary to the upcoming replacement of the remote and local control hydraulic power unit project.



998 cfs Flume6

Water flowing at 998 cfs from the headgates.



Water flowing at 1100 cfs at the valve house.

Water Efficiency

- In April, Cascade provided 69 water education classroom programs for 1,984 students.
- On April 5, Cascade provided the second of two training courses for King County Housing Authority (KCHA) staff. KCHA staff learned about mulching, aeration, plant selection, smart watering, soil amendments and more. KCHA is interested in ongoing training and strategies in the principles of sustainable landscaping.
- Cascade is in discussions with King County Housing Authority about the possibility of providing indoor water audits for KCHA properties in Cascade member areas. The audits may reveal potential opportunities for retrofitting old plumbing fixtures.
- Cascade participated in the Issaquah Sustainability Fair on April 16 distributing learning materials and teaching kids about healthy watersheds.
- Cascade and Kirkland provided a family watershed ecology field trip on April 8 at O.O. Denny Park.
- Cascade and Redmond provided a Woods and Watershed Walk at Smith Woods on April 8.
- Cascade and the Sustainability Ambassadors worked with Gibson Ek school in Issaquah to create a “Water Youth Thinking” unit in which students researched various water topics, such as shower time, the water/energy nexus, car washes, and landscape irrigation to find solutions to waste and inefficiencies and contamination. Students presented their work to Cascade and Issaquah staff on April 3.
- The Sustainability Ambassadors have developed a content bank for a “Shrink Your Lawn” campaign for summer that will challenge people to rethink their relationship to their lawns. The materials will include reels that will be shared on Cascade’s social media platforms.

Intergovernmental and Communications

- The State Legislature concluded this year’s session on April 23. ESHB 1329, which prohibits utility disconnections during heat emergencies, was signed into law by the Governor. SHB 1326, which allows waivers of connection charges for certain low-income and affordable housing properties, passed the Legislature and has been delivered to the Governor for action. Updated state climate resilience strategies were included in E2SHB 1181 and E2SHB 1170 and signed into law by the Governor. E2SHB 1181 incorporated the requirement that Water System Plans must include climate resilience.
- The U.S. Environmental Protection Agency announced proposed revisions to the Consumer Confidence Report Rule (CCR). The revisions are driven by the requirements of America’s Water Infrastructure Act of 2018 (AWIA). Among other changes, the rule will require updating CCRs with new mandatory language and allow systems to begin or continue to provide CCRs electronically. It also requires systems serving a population greater than 10,000 to provide the CCR twice per year.
- The Lake Tapps Community Meeting was held on May 10. Attendance was strong with about 50-60 community members. Board Chair Penny Sweet kicked off the meeting, and Cascade staff presented and answered questions from the audience. Questions covered topics such as milfoil, coordination with the Lake Tapps Community Council, lake levels and draw downs. Cascade’s partners were also in attendance and talked to community members after the presentation and question and answer session.

Attachments

1. Budget to Actual Expenditure Report through March 31, 2023.
2. Statement of Revenues and Expenditures through March 31, 2023.
3. Statement of Net Position as of March 31, 2023.
4. Contract Status Summary.
5. Monthly Warrants Listing.
6. Monthly Treasurer’s Report as of March 31, 2023.

Cascade Water Alliance
Budget to Actual Expenditure Report
January 1- April 30, 2023
33% of the year completed

Attachment 1

Administration		Budget		Actual	Balance	% Expended
Salaries	\$	1,237,002	\$	465,077	771,925	37.6%
Benefits	\$	264,460		155,095	109,365	58.6%
Wellness program		5,000		73	4,927	1.5%
Prof. Fee (Technical)		260,000		13,239	246,761	5.1%
Prof. Fee (Legal)		645,000		247,819	397,181	38.4%
Prof. Fee (Audit)		84,500		61,900	22,600	73.3%
Prof. Fee (Other)		50,000		22,575	27,425	45.2%
Seismic Resiliency		100,000		0	100,000	0.0%
Meetings Expense		11,000		7,388	3,613	67.2%
Telephone/Internet		45,000		16,166	28,834	35.9%
Office Rent		488,152		82,355	405,797	16.9%
Office Supplies Admin.		15,000		7,797	7,203	52.0%
Equip. and Furniture		60,000		57,980	2,020	96.6%
Bank Fees		600		57	543	9.5%
Dues & Subscriptions		25,000		15,455	9,545	61.8%
Taxes/Licenses		15,000		10,942	4,058	72.9%
Travel		10,000		4,491	5,509	44.9%
Professional Dev.		10,000		5,673	4,327	56.7%
Computer Equipment		15,000		5,807	9,193	38.7%
Software Licenses		45,000		6,283	38,717	14.0%
Postage & Delivery		3,000		572	2,428	19.1%
Printing & Repro.		5,000		0	5,000	0.0%
Insurance		150,900		134,007	16,893	88.8%
Contingency		233,500		0	233,500	0.0%
Total	\$	3,778,114	\$	1,320,751	\$ 2,457,363	35.0%

Debt Service		Budget		Actual	Balance	% Expended
Bond Debt Service		9,199,941		4,777,846	4,422,096	51.9%
Total	\$	9,199,941	\$	4,777,846	\$ 4,422,096	51.9%

Conservation		Budget		Actual	Balance	% Expended
Salaries	\$	138,910	\$	33,840	\$ 105,070	24.4%
Benefits		34,705		6,335	28,370	18.3%
Prof. Fee (Technical)		35,000		6,843	28,158	19.6%
Prof. Fee (Legal)		75,000		0	75,000	0.0%
Dues & Subscriptions		20,000		709	19,291	3.5%
Rebate Reimb. Com.		75,000		5,673	69,328	7.6%
Irrigation Audit		25,000		850	24,150	3.4%
Comm. and Public I		312,500		151,363	161,137	48.4%
Misc. Serv. and Sup.		82,000		17,201	64,799	21.0%
Total	\$	798,115	\$	222,812	\$ 575,303	27.9%

Com. and Intergovern		Budget		Actual	Balance	% Expended
Salaries	\$	140,746	\$	51,001	\$ 89,745	36.2%
Benefits	\$	30,509		9,610	20,899	31.5%
Prof. Fee (Technical)		10,000		7,580	2,420	75.8%
Prof. Fee (Other)		165,000		56,820	108,180	34.4%
Sponsorships		30,000		8,000	22,000	26.7%
Comm. and Public I		260,000		27,676	232,324	10.6%
Total	\$	636,255	\$	160,688	\$ 475,567	25.3%

Operations-General		Budget		Actual	Balance	% Expended
Wholesale Water	\$	23,969,287	\$	6,711,399	\$ 17,257,888	28.0%
Salaries		50,542		20,113	30,429	39.8%
Benefits		8,336		4,449	3,887	53.4%
BIP O&M		60,000		11,654	48,346	19.4%
Pipeline Prop. O&M		70,000		21,385	48,615	30.5%

Cascade Water Alliance
Budget to Actual Expenditure Report
January 1- April 30, 2023
33% of the year completed

PWTF Loan Debt	40,066	0	40,066	0.0%
Total	\$ 24,198,231	\$ 6,768,999	\$ 17,429,232	28.0%

Operations-Lake Tapps	Budget	Actual	Balance	% Expended
Salaries	\$ 609,233	\$ 148,699	\$ 460,534	24.4%
Benefits	\$ 104,834	26,890	77,943	25.7%
Prof. Fee (Technical)	700,000	165,898	534,102	23.7%
Prof. Fee (Other)	75,000	0	75,000	0.0%
Meetings Expense	6,500	1,838	4,662	28.3%
Telephone/Internet	1,925	344	1,581	17.9%
Office Supplies	20,000	1,235	18,765	6.2%
Equipment & Furn.	30,000	15,915	14,085	53.1%
Taxes/Licenses	14,500	13,590	910	93.7%
Travel	18,500	1,538	16,962	8.3%
Professional Dev.	2,500	0	2,500	0.0%
Software Licenses	35,000	11,527	23,473	32.9%
Permitting Costs	33,000	3,920	29,080	11.9%
Misc. Serv. and Sup.	85,000	1,684	83,316	2.0%
LT Operator	2,456,840	548,625	1,908,215	22.3%
Unplanned O&M	150,000	5,568	144,432	3.7%
Misc. Facility Repairs	142,000	85,444	56,556	60.2%
USGS Joint Fund	350,292	107,823	242,469	30.8%
Construction Management	50,000	0	50,000	0.0%
Outage	100,000	0	100,000	0.0%
Milfoil Control	150,000	0	150,000	0.0%
Vendor Services	128,000	13,394	114,606	10.5%
Water Quality Management	100,000	0	100,000	0.0%
Dike and Roads Maintenance	68,000	536	67,464	0.8%
Total	\$ 5,431,124	\$ 1,154,470	\$ 4,109,190	21.3%

Total Operating Budget \$ **44,041,780** \$ **14,405,565** \$ **29,468,751** **32.7%**

Capital Projects (multi-yr bdgt not shown)	Budget	Actual	Balance	% Expended
Upper Conveyance Projects	\$ 3,425,000	83,508	3,341,492	2.4%
Lake Tapps Reservoir	100,000	0	100,000	0.0%
Meters	50,000	0	50,000	0.0%
Equipment	75,000	0	75,000	0.0%
Facilities	200,000	39,819	160,181	19.9%
Security and SCADA	50,000	4,736	45,264	9.5%
Tacoma Agreement	6,094,972	6,094,972	0	100.0%
Capital Risk	500,000	0	500,000	0.0%
IT Infrastructure	25,000	0	25,000	0.0%
Total CIP Budget	\$ 10,519,972	\$ 6,223,035	\$ 4,296,937	59.2%

Total Overall Budget \$ **54,561,752** \$ **20,628,600** **37.8%**

Cascade Water Alliance
Statement of Revenues and Expenditures
From 1/1/2023 Through 4/30/2023

Attachment 2

Operating Revenue		
Water sales	\$	10,395,307
Administrative dues		3,776,170
Conservation program		206,341
Total Operating Revenue		<u>14,377,818</u>
Operating Expenses		
Cost of water sold		5,273,242
Salaries and benefits		949,620
Professional services		585,987
Conservation program		5,673
Depreciation and amortization		1,357,770
Communication and public information		174,472
Office expenses		288,135
Operations		695,434
Bank charges		57
Rent		22,042
Maintenance		94,640
Dues and subscriptions		20,883
Miscellaneous		13,590
Total Operating Expenses		<u>9,481,544</u>
Operating Income		4,896,274
Non-Operating Revenue (Expenses)		
Interest income		297,049
Other income		14,110
Interest expense, net of amount capitalized		(390,559)
Total Non-Operating Revenue (Expenses)		<u>(79,401)</u>
Capital Contributions		
Regional Capital Facilities Charges		2,429,046
Increase in Net Assets		7,245,919
Net Assets, Beginning of Year		136,694,238
Net Assets, End of Year	\$	143,940,157

Cascade Water Alliance
Statement of Net Position
As of 4/30/2023

Attachment 3

Assets

Current Assets

Cash and cash equivalents	\$ 26,375,550
Accounts receivable	10,420,053
Prepaid expenses	163,768
Total Current Assets	<u>36,959,371</u>

Capital Assets

Equipment and furniture	2,102,968
Seattle water contract	22,267,611
Bellevue Issaquah pipeline	22,276,944
Tacoma water contract	119,740,687
Less accumulated depreciation and amortization	(59,013,598)
Total Capital Assets	<u>107,374,612</u>

Projects in process and assets not yet in service

Lake Tapps	105,864,614
Tacoma Cascade pipeline	26,539,385
Total Projects in process and assets not yet in service	<u>132,403,999</u>

Restricted cash and cash equivalents

	19,331,559
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Total Assets	<u><u>296,069,542</u></u>
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Liabilities

Current liabilities

Payables and accrued liabilities	643,802
Accrued interest	586,041
Long-term debt current portion	
Bonds Payable-Current Portion	6,500,000
Other	39,474
Total Long-term debt current portion	<u>6,539,474</u>
Total Current liabilities	<u>7,769,317</u>

Long-term Liabilities

Long-term debt	81,998,948
Tacoma contract	53,897,110
Seattle contract	5,000,000
Bond premium, net of amortization	3,745,897
Total Long-term Liabilities	<u>144,641,956</u>
Total Liabilities	<u>152,411,273</u>

Net Assets

Restricted for debt service	103,730,939
Unrestricted	39,927,330
Total Net Assets	<u>143,658,269</u>
Total Liabilities & Net Assets	<u><u>\$ 296,069,542</u></u>

Consultant and Other Vendor Contract Status Summary											Attachment 4
Open contracts											
Vendor	Contract number	Contract title	Cascade manager	Effective date	End date	Status date	Percent work completed	Contract amount, including	Amount invoiced	Percent invoiced	Contract balance
A Advanced Septic	1	Relief house septic system services	J. Shimada	1/11/2023	N/A	5/12/2023	90%	\$ 3,739	\$ 2,239	60%	\$ 1,500
Aquatechnex	1	Aquatic Plant Maintenance Program	J. Shimada	3/1/2023	12/31/2023	5/12/2023	0%	\$ 150,000	\$ -	0%	\$ 150,000
Aspect	1	Water Supply Modeling	R. Hoffman	5/6/2020	N/A	5/12/2023	60%	\$ 24,900	\$ 14,208	57%	\$ 10,692
Aspect	2	Water Resources Services	R. Hoffman	8/17/2018	N/A	5/12/2023	98%	\$ 60,000	\$ 58,251	97%	\$ 1,749
Aspect	3	Climate Change Analysis	R. Hoffman	9/7/2022	12/31/2024	5/12/2023	8%	\$ 150,000	\$ 3,201	2%	\$ 146,800
Ben Bernstein Music	1	Podcast production	M. Brent	12/20/2022	12/31/2023	5/12/2023	20%	\$ 5,000	\$ 850	17%	\$ 4,150
Brilliant Marketing	1	We Need Water Strategy Planning	M. Brent	11/4/2022	12/31/2023	5/12/2023	35%	\$ 49,500	\$ 17,483	35%	\$ 32,018
Clark Nuber	1	Annual Financial Audit and Quarterly AUPs	R. Hoffman	1/1/2023	N/A	5/12/2023	80%	\$ 82,900	\$ 61,900	75%	\$ 21,000
Colehour and Cohen	1	Staffing for classes and events	M. Brent	1/1/2023	12/31/2023	5/12/2023	30%	\$ 98,000	\$ 25,115	26%	\$ 72,885
David Evans	1	On-call Land Surveyor	H. Chen	11/18/2022	12/31/2025	5/12/2023	20%	\$ 160,000	\$ 26,957	17%	\$ 133,043
David McGrath	1	Irrigation Efficiency Assistance	M. Brent	12/21/2022	12/31/2023	5/12/2023	0%	\$ 30,000	\$ -	0%	\$ 30,000
Enironmental Science Assoc (ESA)	1	Aquatic Plant Management	H. Chen	11/17/2022	12/31/2023	5/12/2023	10%	\$ 35,000	\$ -	0%	\$ 35,000
GeoEngineers Inc.	1	Dam Engineering/Hydrology/Geotech	H. Chen	1/1/2023	12/31/2023	5/12/2023	25%	\$ 170,000	\$ 33,418	20%	\$ 136,582
Gordon Thomas Honeywell	1	State legislative outreach	A. Bennett	1/1/2023	12/31/2023	5/12/2023	33%	\$ 84,000	\$ 28,000	33%	\$ 56,000
Herrera	1	On-call limnology services	M. Thung	12/1/2022	12/31/2025	5/12/2023	5%	\$ 45,000	\$ -	0%	\$ -
HDR	1	MMD Fish Passage Design Review	H. Chen	12/1/2015	N/A	5/12/2023	99%	\$ 1,041,100	\$ 1,034,480	99%	\$ 6,621
HDR	2	Conservation Plan Potential Assessment	M. Brent	5/21/2021	N/A	5/12/2023	99%	\$ 18,900	\$ 18,870	100%	\$ 30
Jacobs Engineering Group	1	Demand Forecast Model Support Services	M. Thung	8/20/2021	N/A	5/12/2023	5%	\$ 5,000	\$ -	0%	\$ 5,000
Jennergy	1	Website assistance	A. Bennett	1/1/2023	12/31/2023	5/12/2023	25%	\$ 36,500	\$ 7,580	21%	\$ 28,920
Johansen Excavating	1	Emergency Headgate Repair	H. Chen	5/5/2021	N/A	5/12/2023	98%	\$ 100,947	\$ 92,358	91%	\$ 8,589
Johansen Excavating	2	Flowline Outage Maintenance	J. Shimada	8/12/2021	N/A	5/12/2023	98%	\$ 540,000	\$ 387,899	72%	\$ 152,101
Johansen Excavating	5	Headgate actuator repair	J. Shimada	1/2/2023	3/31/2023	5/12/2023	100%	\$ 42,455	\$ 42,455	100%	\$ -
Johansen Excavating	4	Plunge Pool retaining wall	J. Shimada	7/2/2022	N/A	5/12/2023	98%	\$ 576,750	\$ 558,515	97%	\$ 18,235
Johansen Excavating	5	2022 Powerhouse overhead door	J. Shimada	7/22/2022	N/A	5/12/2023	100%	\$ 13,610	\$ 13,610	100%	\$ -
Langton Spieth	1	Community relations	A. Bennett	1/1/2023	12/31/2023	5/12/2023	33%	\$ 78,000	\$ 26,000	33%	\$ 52,000
Lake Tapps Construction	1	Rodent Odor Mitigation	J. Shimada	5/25/2022	3/31/2023	5/12/2023	100%	\$ 26,843	\$ 26,111	97%	\$ 732
Long Building Tech	1	Security Maintenance	H. Chen	8/12/2019	10/31/2022	5/12/2023	90%	\$ 55,000	\$ 46,509	85%	\$ 8,491
Media for International Development	1	WeNeedWater Video Production	A. Bennett	1/1/2023	12/31/2023	5/12/2023	30%	\$ 35,000	\$ 9,500	27%	\$ 25,500
Nature Vision	1	Classroom Water Education	M. Brent	1/1/2023	12/31/2023	5/12/2023	33%	\$ 100,000	\$ 42,211	42%	\$ 57,789
Pacifica Law	1	Legal Assistance	H. Chen	1/1/2023	12/31/2023	5/12/2023	8%	\$ 25,000	\$ -	0%	\$ 25,000
Parametrix	1	On Call Civ/Mech/Structural Eng	H. Chen	1/1/2023	12/31/2025	5/12/2023	10%	\$ 550,000	\$ 48,336	9%	\$ 501,664
Perfomance Dimensions	2	Executive Coaching Services	M. Thung	3/14/2022	12/31/2023	5/12/2023	50%	\$ 15,000	\$ 7,525	50%	\$ 7,475
Puget Sound Energy	1	Water Efficiency Rebates	M. Brent	1/1/2023	12/31/2023	5/12/2023	15%	\$ 50,000	\$ 5,673	11%	\$ 44,328
RH2	2	On-Call Electrical Engineering Srvs	H. Chen	1/1/2023	12/31/2023	5/12/2023	25%	\$ 125,000	\$ 27,063	22%	\$ 97,937
RH2	1	Security and SCADA	H. Chen	1/16/2020	N/A	5/12/2023	99%	\$ 494,807	\$ 494,795	100%	\$ 12
RH2	3	Wholesale Master Meter Eval	H. Chen	1/21/2020	3/31/2023	5/12/2023	8%	\$ 24,500	\$ 1,342	5%	\$ 23,158
Robinson Noble	1	Water Audits	E. Cebren	10/3/2019	N/A	5/12/2023	85%	\$ 135,060	\$ 112,485	83%	\$ 22,575
Sammamish Plateau Water	1	GIS support services	H. Chen	12/6/2022	N/A	5/12/2023	10%	\$ 50,000	\$ 4,655	9%	\$ 45,345
Sazan	1	On-call value analysis/engineering	J. Shimada	10/23/2023	10/23/2025	5/12/2023	10%	\$ 250,000	\$ -	0%	\$ 250,000
SC Words & Pictures Inc.	1	Design Services	A. Bennett	1/1/2023	12/31/2023	5/12/2023	15%	\$ 24,000	\$ 3,080	13%	\$ 20,920
Seattle Public Utilities	1	Garden Hotline	M. Brent	1/1/2023	12/31/2023	5/12/2023	67%	\$ 15,000	\$ 3,750	25%	\$ 11,250
SMC Consulting	1	Water Efficiency Consultant	M. Brent	1/1/2023	12/31/2023	5/12/2023	30%	\$ 24,500	\$ 6,843	28%	\$ 17,658
Sustainable Water	1	Teacher Fellows program	M. Brent	1/1/2023	12/31/2023	5/12/2023	33%	\$ 60,000	\$ 19,429	32%	\$ 40,571

Vendor	Contract number	Contract title	Cascade manager	Effective date	End date	Status date	Percent work completed	Contract amount, including	Amount invoiced	Percent invoiced	Contract balance
Tacoma Pierce County HD	1	Tappswise monitoring at Lake Tapps	A. Bennett	1/1/2023	12/31/2023	5/12/2023	33%	\$ 120,000	\$ 14,746	12%	\$ 105,254
TeamLogic IT	1	Info Technology Consulting	C. Paulucci	1/1/2023	12/31/2023	5/12/2023	20%	\$ 136,275	\$ 21,354	16%	\$ 114,921
TechniArt	1	Website Orders	M. Brent	1/1/2023	12/31/2023	5/12/2023	20%	\$ 15,900	\$ 2,378	15%	\$ 13,522
Tilth Association	1	Garden Water Efficiency	M. Brent	1/1/2023	12/31/2023	5/12/2023	20%	\$ 24,500	\$ 3,029	12%	\$ 21,471
Upstream PBC	1	HydroForecast-Glacier Climate Change Analysis	M. Thung	11/1/2022	N/A	5/12/2023	5%	\$ 49,900	\$ -	0%	\$ 49,900
Transpo Group	1	GIS Program Technical Support	J. Shimada	2/3/2022	7/31/2023	5/12/2023	95%	\$ 49,000	\$ 24,458	50%	\$ 24,543
Vanir Construction Management, Inc.	1	On-call Construction Management	J. Shimada	5/1/2021	12/31/2024	5/12/2023	50%	\$ 560,000	\$ 171,870	31%	\$ 388,130
VanNess Feldman	1	General Counsel	R. Hoffman	1/1/2023	12/31/2023	5/12/2023	45%	\$ 600,000	\$ 245,680	41%	\$ 354,320
Veolia	1	White River-Lake Tapps Reservoir Project Operations and Maintenance Agreement \$2,133,533 Fixed, \$214,632 Var	J. Shimada	1/1/2023	12/31/2023	5/12/2023	25%	\$ 2,348,165	\$ 585,159	25%	\$ 1,763,006
Water Value	1	Climate Study Advisory Services	M. Thung	6/16/2022	12/31/2023	5/12/2023	30%	\$ 22,500	\$ 6,287	28%	\$ 16,213
Winterbauer and Diamond	1	Legal Assistance	R. Hoffman	1/1/2023	12/31/2023	5/12/2023	17%	\$ 20,000	\$ 2,139	11%	\$ 17,861
Closed Contracts											
Vendor	Closed contract number	Contract title	Cascade manager	Effective Date	End date	Status date	Percent work completed	Contract amount, including amendments	Amount invoiced	Percent invoiced	Contract balance
Artisan Electric	1	Powerhouse Solar Energy Project	M. Brent	10/1/2021	12/31/2022	5/12/2023	100%	\$ 273,000	\$ 236,184	87%	\$ 36,816
Source Electric LLC	1	SCADA Improvements Project	H. Chen	5/1/2021	2/1/2022	5/12/2023	100%	\$ 809,122	\$ 809,122	100%	\$ -

Payment Authorization Warrants and Wire Transfers 5/24/23
Attachment 5
WHOLESALE WATER

WIRE	Seattle Contract Payment 4/23	\$1,438,157.00
WIRE	Seattle Contract Payment 5/23	\$1,438,157.00
		<u>\$2,876,314.00</u>

CONSULTANTS

30679	Van Ness Feldman, LLP	\$80,872.00
30681	Aspect Consulting	\$1,480.50
30688	Jennergy	\$2,070.00
30700	RH2 Engineering, Inc.	\$14,132.62
30702	Tacoma Pierce County Health Departmen	\$5,453.51
30703	TeamLogic IT of Bellevue, WA	\$6,866.95
30710	Clark Nuber P.S.	\$27,225.00
30720	Parametrix	\$26,821.00
30721	Pierce County Budget & Finance	\$13,239.76
30749	Jennergy	\$1,270.00
30751	Langton/Spieth	\$6,500.00
30755	Willdan Financial Services	\$1,850.00
30759	David Evans and Associates Inc.	\$9,438.00
30767	Transpo Group	\$2,067.50
30768	Van Ness Feldman, LLP	\$57,894.59
30774	Clark Nuber P.S.	\$34,675.00
30775	Hughes Marino	\$7,000.00
30781	Structured Cabling Solutions	\$10,930.41
30783	Tacoma Pierce County Health Departmen	\$8,743.44
30784	TeamLogic IT of Bellevue, WA	\$7,496.95
		<u>\$326,027.23</u>

SALARY, BENEFITS AND EXPENSE REIMBURSEMENTS

	Payroll (March)	\$136,507.79
	Payroll (March)	\$137,068.65
30682	AWC Employee Benefit Trust	\$21,586.57
30687	Alison Bennett	\$375.15
30705	MissionSquare-107080	\$40,685.92
30706	MissionSquare-304525	\$25,123.51
30715	HRA VEBA Trust	\$1,176.00
30747	Edward Cebon	\$316.93
30760	Linda Moreno	\$73.74
30770	MissionSquare-107080	\$42,537.33
30771	MissionSquare-304525	\$25,656.02
30772	AWC Employee Benefit Trust	\$23,117.66
		<u>\$454,225.27</u>

LAKE TAPPS

30676	Linde Gas & Equipment Inc.	\$397.32
30684	Beaver Equipment, LLC	\$1,442.27
30689	Johansen Construction Company, Inc.	\$45,851.53
30691	LGH	\$1,416.32
30692	Linde Gas & Equipment Inc.	\$2.74
30694	LONG Building Technologies, Inc.	\$21,914.98
30707	A Advanced Services	\$4,038.21
30717	Johansen Construction Company, Inc.	\$14,888.84
30723	Veolia Water North America	\$189,535.42
30752	Puget Sound Energy	\$1,908.63
30763	Linde Gas & Equipment Inc.	\$361.82
30776	Linde Gas & Equipment Inc.	\$14.44
30777	National Barricade Company, LLC	\$1,331.22
30786	Veolia Water North America	\$181,295.65
		<u>\$464,399.39</u>

COMPUTER EQUIPMENT AND SOFTWARE

30678	ProcureIT USA	\$3,870.56
30680	Abila	\$254.36
30756	Abila	\$527.05
30757	Catalyst Workplace Activation	\$57,645.93
30769	Industrial Software Solutions	\$11,527.47
		<u>\$73,825.37</u>

GENERAL

30669	CIT	\$2,064.00
30670	Code Publishing Co.	\$110.10
30671	Comcast	\$570.71
30672	DIRECTV	\$95.99
30674	JG 520 Building LLC	\$20,972.98
30675	Lakemont Business Services Inc.	\$266.00
30683	AT&T FirstNet	\$407.98
30685	Bellevue Downtown Association	\$3,000.00
30686	City of Seattle	\$1,916.94
30690	Kirkland Downtown Association	\$2,500.00
30697	Pacific Office Automation	\$265.36
30699	City of Redmond	\$2,500.00
30711	Code Publishing Co.	\$960.19
30712	Comcast	\$560.84
30714	DIRECTV	\$31.99
30719	Pacific Office Automation	\$76.03
30742	Cintas Corporation	\$137.84
30743	CIT	\$2,187.84
30745	Comcast	\$560.45
30746	Comcast	\$1,652.40
30750	JR Mailing Services, Inc.	\$2,908.82
30753	Staples Advantage	\$54.16
30754	U.S. BANK	\$13,330.55
30758	Daily Journal of Commerce	\$140.25
30761	JR Mailing Services, Inc.	\$150.64
30762	Lakemont Business Services Inc.	\$200.00
30773	AT&T FirstNet	\$407.56
30778	Pacific Office Automation	\$278.63
30779	PNWS-AWWA	\$1,875.00
30780	Sound Publishing Inc.	\$4,500.00
		<u>\$64,683.25</u>

CONSERVATION

30673	In Harmony	\$300.00
30677	Norlab, Inc.	\$4,304.00
30693	Lisa Taylor	\$300.00
30695	New Resources Group, Inc.	\$27.50
30696	NW Bloom	\$900.00
30698	Puget Sound Energy	\$1,875.00
30701	Sustainable Seattle dba Sustainabilit	\$5,370.00
30704	Techniart C S D	\$879.25
30708	Ben Bernstein Music	\$200.00
30709	Bri Communications	\$5,600.00
30713	Culver Company, LLC	\$1,084.52
30716	In Harmony	\$600.00
30718	Marianne Binetti	\$3,500.00
30722	Tilth Alliance	\$3,028.88
30741	BRILLIANT MARKETING LLC	\$4,307.50
30744	Colehour and Cohen	\$4,366.42
30748	In Harmony	\$600.00
30764	Media for Development International,	\$9,500.00
30765	NW Bloom	\$1,980.00
30766	Puget Sound Energy	\$2,347.50
30782	Sustainable Seattle dba Sustainabilit	\$5,234.00
30785	Techniart C S D	\$962.82
		<u>\$57,267.39</u>

DESTROYED AND VOIDED CHECKS:

Total Warrants	\$1,440,427.90
Total Wires	\$2,876,314.00
Total warrants/wire transfers authorized for May 2023	\$4,316,741.90

Approved: _____ **Date:** _____ **Approved:** _____ **Date:** _____

Edward Cebon, Chief Economist/Treasurer

Allan Ekberg, Secretary/Treasurer

**Cascade Water Alliance
Monthly Treasurer's Report
April 2023**

	Operating Fund	Construction Fund	Bond Fund	RCFC Fund	Water Supply Development Fund	Rate Stabilization Fund	US Bank Payroll Account	All Funds
Beginning Balances, April 1	\$ 17,457,177	\$ 11,075,649	\$ 9,354,042	\$ -	\$ 8,131,440	\$ 2,167,050	\$ -	\$ 48,185,358
Additions:								
Cash received	\$ 1,689,267	\$ 21,358	\$ 5,615	\$ -	\$ 8,669	\$ 4,161	\$ -	\$ 1,729,069
Transfers from other Cascade funds	\$ -	\$ -	\$ 769,379	\$ -	\$ 2,483,725	\$ -	\$ 137,069	\$ 3,390,173
Total additions	\$ 1,689,267	\$ 21,358	\$ 774,994	\$ -	\$ 2,492,394	\$ 4,161	\$ 137,069	\$ 5,119,242
Subtractions:								
Bank fees, payroll, and bond payments	\$ 857	\$ 509	\$ 910	\$ -	\$ 468	\$ 99	\$ 137,069	\$ 139,912
Warrants paid	\$ 675,172	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 675,172
Wire and other electronic payments	\$ 1,438,157	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,438,157
King Co. Investment Pool impairment (realized)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
King Co. Investment Pool impairment (retained)	\$ (238)	\$ (202)	\$ (110)	\$ -	\$ -	\$ (30)	\$ -	\$ (580)
Transfers to other Cascade funds	\$ 1,907,024	\$ 1,483,149	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,390,173
Total subtractions	\$ 4,020,972	\$ 1,483,457	\$ 799	\$ -	\$ 468	\$ 70	\$ 137,069	\$ 5,642,834
Ending Balances, April 30, 2023	\$ 15,125,472	\$ 9,613,550	\$ 10,128,237	\$ -	\$ 10,623,366	\$ 2,171,141	\$ -	\$ 47,661,766



MEETING MINUTES OF THE
BOARD OF DIRECTORS REGULAR MEETING
VIA HYBRID MEETING
MARCH 22, 2023

1. CALL TO ORDER

At 3:32 p.m. Chair Sweet called the meeting to order. Board Members confirmed that they received the meeting materials and could hear the speakers clearly.

2. ROLL CALL

Board Members Present: the City of Bellevue (Stokes), the City of Issaquah (Joe), the City of Kirkland (Sweet), the City of Redmond (Birney), City of Tukwila (Ekberg), Sammamish Plateau Water & Sewer District (Warren), and Skyway Water and Sewer District (Ault)

Board Alternate Present: City of Redmond (Anderson), Sammamish Plateau Water & Sewer District (Hooshangi)

3. PUBLIC COMMENT

None.

4. EXECUTIVE SESSION

None.

5. APPROVAL OF AGENDA

Motion by Ms. Birney and second by Mr. Warren to amend the meeting agenda and add Item 8B/Motion to adopt Resolution No. 2023-08. Motion carried unanimously (7-0).

Motion by Ms. Birney and second by Mr. Stokes to approve the meeting agenda as amended. Motion carried unanimously (7-0).

6. CHIEF EXECUTIVE OFFICER'S REPORT

Ray Hoffman, Cascade Chief Executive Officer, reviewed the Chief Executive Officer's Report that was included in the Board packet. Mr. Hoffman responded to questions from Board Members.

7. CONSENT ITEM

A. Board Meeting Minutes from February 22, 2023.

B. Motion to authorize the Chief Executive Officer to execute Amendment 1 with Johansen Construction Company to increase the Headgate #1 actuator project budget from \$45,851 to a maximum amount not-to-exceed \$64,280.

Motion by Mr. Warren and second by Mr. Stokes to approve Consent Action Items A-B as presented. Motion carried unanimously (7-0).

8. OTHER ACTION ITEMS

- A. Motion to adopt Resolution No. 2023-07 authorizing a 2023 transfer of \$2,483,725 to the Cascade Water Supply Development Fund.

Ed Cebron, Cascade Chief Economist/Treasurer, explained that in November 2021, by Resolution No. 2021-10, the Board authorized creation and implementation of the Water Supply Development Fund (WSDF), including new code section 5.70. CWAC 5.70.020 which provides for annual transfers to the fund based on both planned transfers and for unplanned opportunities under the “Shared Benefit” concept. For 2023, there are budgeted 2023 transfers based on the adopted 2023 budget and Shared Benefit transfers based on 2022 financial performance. Mr. Cebron summarized the proposed 2023 transfer. Ms. Anderson said that the Finance and Management Committee recommends approval of Resolution No. 2023-07.

Motion by Ms. Birney and second by Mr. Stokes to adopt Resolution No. 2023-07 authorizing a 2023 transfer of \$2,483,725 to the Cascade Water Supply Development Fund. Motion carried unanimously (7-0).

- B. Motion to adopt Resolution No. 2023-08 amending the meeting schedule for Cascade Water Alliance regular monthly meetings and standing committee meetings.

Motion by Ms. Birney and second by Mr. Stokes to adopt Resolution No. 2023-08 amending the meeting schedule for Cascade Water Alliance regular monthly meetings and standing committee meetings. Motion carried unanimously (7-0).

9. STAFF PRESENTATIONS

- A. Sumner/BNSF Update

Mr. Hoffman and Ms. Richmond provided an overview of the Sumner/BNSF projects, the 2018 Board interests that staff are using to guide negotiations, the Board briefing and decision-making schedule, and the types of agreements/resolutions that will be before the Board for approval. Staff also shared the current status of some of the critical negotiation points, including consideration, liability protections and protection of future operational flexibility.

10. COMMITTEE REPORTS

- A. Executive Committee – no meeting held.
- B. Finance & Management Committee – Meeting held March 21, 2023.
- C. Special Public Affairs Committee – Meeting held March 1, 2023.
- D. Resource & Management Committee – Meeting held March 9, 2023.

11. NEW BUSINESS

None.

12. NEXT REGULAR MEETING

The next regular Board meeting will be held on April 26, 2023, at 3:30 p.m.

13. ADJOURN

The meeting adjourned at 4:12 p.m.

APPROVED BY:

Penny Sweet, Chair

Angela Birney, Vice-Chair



MINUTES OF THE SPECIAL MEETING OF THE
BOARD OF DIRECTORS
DRINKING WATER QUALITY
POLICY FRAMEWORK WORKSHOP
MARCH 29, 2023

1. CALL TO ORDER

At 8:40 a.m. Chair Sweet called the meeting to order.

2. ROLL CALL

Board Members Present: The City of Bellevue (Barksdale), the City of Issaquah (Joe), the City of Kirkland (Sweet), the City of Redmond (Birney), Sammamish Plateau Water & Sewer District (Warren), and Skyway Water and Sewer District (Ault)

Board Member Absent: City of Tukwila (Ekberg)

Board Alternate Present: Sammamish Plateau Water & Sewer District (Hooshangi)

3. DISCUSSION REGARDING THE DEVELOPMENT OF A POLICY FRAMEWORK FOR FUTURE DRINKING WATER QUALITY PROPOSALS

The purpose of the workshop was to get feedback from the Board and other participants on a draft Drinking Water Quality Policy Framework. Since the Lake Tapps Reservoir will not be needed for municipal supply for many years, Cascade staff need guidance from the Board on which water quality investments to make in the near term. A Policy Framework will serve as a structured process for staff to analyze potential investments and for the Board to make decisions.

Before discussing the draft Policy Framework, Cascade staff presented background information on why water quality programs, policies, projects, and other activities ought to be considered years ahead of building out the Lake Tapps Reservoir for municipal supply. The background presentation included information on: Cascade's authority to implement water quality activities; Cascade's current and known future obligations; the current water quality of Lake Tapps Reservoir; potential impacts if the reservoir's water quality degrades; lessons learned from other reservoirs; and water quality recommendations made by, Herrera, one of Cascade's consultants.

After providing the background information, staff walked through the two main components of the Policy Framework (Policy Drivers and Criteria), described how the Policy Framework would be applied to future proposed investment ideas, and presented two examples.

4. FEEDBACK AND/OR DIRECTION TO CASCADE STAFF BASED ON DISCUSSION

Workshop attendees had a robust discussion and provided feedback on several Policy Drivers and Criteria. Board members also requested Cascade update the Resource Management Committee (RMC) and the Board on the status of the drinking water quality program. The status update should include information on recommendations made in Herrera's 2022 *Year 2 Water Quality Data Report*, proposed actions that were presented to RMC and the Board, and actions that staff considered but did not move forward.

Staff will revise the Policy Framework based on the feedback received and present it to RMC and then the Board for approval via resolution.

5. EXECUTIVE SESSION

None.

6. NEXT REGULAR MEETING

The next regular Board meeting will be held on April 26, 2023, at 3:30 p.m. via Zoom and at Cascade's new office.

7. ADJOURN

The meeting adjourned at 11:35 a.m.



**MEETING MINUTES OF THE
SPECIAL MEETING OF THE BOARD OF DIRECTORS**

AGENDA

CASCADE WATER ALLIANCE

Held at Cascade's Bellevue Office and Via Zoom Meeting

May 9, 2023

2:00 PM

1. CALL TO ORDER

2. ROLL CALL

Board Members Present: The City of Bellevue (Barksdale), the City of Issaquah (Joe), the City of Kirkland (Sweet), the City of Redmond (Birney), and Skyway Water and Sewer District (Ault)

Board Member Absent: City of Tukwila (Ekberg), Sammamish Plateau Water & Sewer District (Warren)

Board Alternate Present: The City of Bellevue (Stokes), Sammamish Plateau Water & Sewer District (Hooshangi)

3. PUBLIC COMMENT

None

4. APPROVAL OF AGENDA

Approved, seconded, and carried unanimously (5-0).

5. OTHER ACTION ITEMS

- a. Motion to adopt Resolution No. 2023-09 authorizing the Executive Committee of the Board to finalize the terms of one or more employment agreements with Chuck Clarke as Acting Chief Executive Officer and for the Chair of the Board to execute such agreements on behalf of the Board.

Recap: Motion by Ms. Birney and second by Mr. Ault to approve Resolution No. 2023-09 as presented. Motion carried unanimously (5-0).

6. NEXT REGULAR MEETING – May 24, 2023 – Cascade Office or Via Zoom Meeting – 3:30 p.m.

7. ADJOURN

AGENDA MEMORANDUM

SUBJECT

Motion to authorize the Chief Executive Officer to execute a contract with Ryatt Construction for the demolition and asbestos remediation of the Ford property in an amount not-to-exceed \$70,000.

BACKGROUND

The Ford property is adjacent to the Noonan property that was demolished in 2009. The Ford property was purchased in December 2007 for the Tacoma Cascade Pipeline and has been intended for eventual demolition since acquisition. The plans for the Tacoma Cascade Pipeline have the pipeline going directly through the property. Cascade demolished the garage of the Ford property in 2009 as part of the Noonan property demolition. Cascade has leased the Ford property since it was acquired.

Cascade was informed in September 2022 that the Ford property's septic system had failed, and Cascade was given an estimate of over \$50K to replace it. Cascade did a condition assessment of the rest of the property and determined that the roof would soon need to be replaced as well. Given the location of the pipeline and the cost to repair the septic system and roof, Cascade determined the best course of action was to demolish the property instead of replacing the septic system and leasing the property again.

The loss of revenue from the property is less than the cost of repairing the septic system, the roof, and the difficulty of finding a good tenant. Due to the location and condition of the property, it has been a challenge finding tenants that make payments consistently and maintain the property well. The current rent for the property is \$2,300/month but the property has averaged around \$13.9K in income over the last five years. The current tenants were given over 120 days of notice to vacate once the septic failed and have stopped paying rent and have not yet vacated. We are working with the property management company to resolve this.

South King County Fire Training Consortium (SKCFTC) was contacted to see if they would be interested in using the property for training. They are interested in using the house for destructive but not live-fire training. Cascade is evaluating the SKCFTC request and forms to ensure that Cascade's liability is not increased. If it makes sense, Cascade may allow the SKCFTC to use the property for training before the house is demolished.

The requested not-to-exceed amount of \$70,000 includes the septic decommission, asbestos testing, demolition, and disposal of the material, grading of the road, an allowance for asbestos abatement, taxes, and a 10% contingency. Cascade anticipates the actual cost of the project will be less.

PROCUREMENT PROCESS

Cascade contacted four contractors that do this type of work for quotes. Three of those contractors, including Johansen, AAdvanced and Ryatt submitted quotes. Cascade evaluated the quotes on several factors including cost, experience, and completeness. Ryatt Construction was selected due to their cost, experience with demolitions and their ability to do all aspects of the project.

FISCAL IMPACT

Budget Line	2023 Operations Budget	Spent and Committed to Date	Available 2023 Budget	This Action	2023 Remaining Balance
Unplanned O&M	\$150,000	\$0	\$150,000	\$70,000	\$80,000

OPTIONS

1. Authorize the Chief Executive Officer to execute a contract with Ryatt Construction for the demolition and asbestos remediation of the Ford property in an amount not-to-exceed \$70,000.
2. Do not authorize the Chief Executive Officer to execute a contract with Ryatt Construction for the demolition and asbestos remediation of the Ford property and provide alternate direction to Cascade staff.

RECOMMENDED ACTION

Authorize the Chief Executive Officer to execute a contract with Ryatt Construction for the demolition and asbestos remediation of the Ford property in an amount not-to-exceed \$70,000.

ATTACHMENTS

None.

AGENDA MEMORANDUM

SUBJECT

Motion to authorize the Chief Executive Officer to enter into a contract with the highest rated firm by Cascade's Selection Committee to perform routine security equipment maintenance and related services at the White River – Lake Tapps Reservoir project in an amount not-to-exceed \$90,000.

BACKGROUND

Cascade completed Phase 1 of the Security Improvement Program in the summer of 2018. In 2022, Cascade began construction and completed construction work in 2023 on the remaining phase of this program. As with newly acquired assets, this predominantly mechanical and electrical equipment requires annual, scheduled maintenance to ensure proper performance. The scope of this contract is to provide routine, scheduled equipment maintenance and related services for all security equipment installed between 2018 and 2023. The related services include unscheduled problem diagnosis and remediation and minor system add-ons.

PROCUREMENT PROCESS

Cascade's current Phase 1 maintenance services contract expires in June 2023. This allows an opportunity to combine maintenance service work for equipment installed in 2018 and 2023. Cascade estimates the annual cost to be \$60,000 for maintenance of all the equipment. To ensure continuity of services for the next 18 months, the first term of the contract would run through December 31, 2024, with a not-to-exceed amount of \$90,000. The contract would include the option to renew or extend the contract term for up to 2 additional years, at Cascade's discretion, with a not-to-exceed on the budgeted annual costs. Cascade staff would seek approval for those renewals or extensions consistent with applicable procurement policies.

Cascade advertised the Request for Proposals (RFP) on April 11, 2023, in the Daily Journal of Commerce and Tacoma News Tribune. Additionally, Cascade also posted the RFP and additional materials on Cascade's website. An optional pre-bid meeting was conducted on-site on April 19, 2023, and the deadline for submission of proposals is on May 4, 2023.

Cascade's Selection Committee will evaluate the proposal and conduct interviews as necessary and make a recommendation on the highest rated firm to the Chief Executive Officer by May 15, 2023, and will seek Board approval on May 24, 2023.

FISCAL IMPACT

The requested contract authorization is for a not-to-exceed amount of \$90,000, inclusive of Washington State sales tax and reserve for contingency.

Budget Line	Year	Budget	Spent and Committed to Date	Available Budget	This Action	Remaining Balance
73-Security Maintenance	2023	\$75,000	\$0	\$75,000	\$30,000	\$45,000
	2024	\$80,250	\$0	\$80,250	\$60,000	\$20,250

OPTIONS

1. Authorize the Chief Executive Officer to enter into a contract with the highest rated firm by Cascade's Selection Committee to perform routine security equipment maintenance and related services at the White River – Lake Tapps Reservoir project in an amount not-to-exceed \$90,000.
2. Do not authorize the Authorize the Chief Executive Officer to enter into a contract with the highest rated firm by Cascade's Selection Committee to perform routine security equipment maintenance and related services at the White River – Lake Tapps Reservoir project in an amount not-to-exceed \$90,000.

RECOMMENDED ACTION

Authorize the Chief Executive Officer to enter into a contract with the highest rated firm by Cascade's Selection Committee to perform routine security equipment maintenance and related services at the White River – Lake Tapps Reservoir project in an amount not-to-exceed \$90,000.

ATTACHMENTS

None.

AGENDA MEMORANDUM

SUBJECT

Motion to authorize the Chief Executive Officer to award and execute a contract to fabricate and install a replacement hydraulic power unit and related flow control system components in the Valve House in an amount not-to-exceed \$97,000.

BACKGROUND

Cascade operates the Valve House's two 66-inch diameter cone valves to control flow into the Lake Tapps Reservoir. The hydraulic power unit that controls one of the valves failed and the control to the other valve is showing signs of failing. After investigations by Cascade's consultant, RH2, it was determined that the hydraulic power unit and a few other improvements need to be made to ensure the control on the two valves can be reliably operated. This construction work includes fabricating and replacing the hydraulic power unit, replacing the limit switch, replacing the valve position level indicator, and addressing other critical components to improve the reliability and safety of the system.

PROCUREMENT PROCESS

Cascade identified three Pacific Northwest firms that could best perform the work listed based on the recommendations by consultants, hydraulic power unit manufacturers and fabricators, and Cascade staff's research. Cascade sent the bid package to the three potential bidders and received one bid from the team of Hydra Power Systems (HPS) Inc. and Industrial Fab & Repair (IFR) LLC.

Cascade and RH2 reviewed the bid package from HPS-IFR and determined that HPS-IFR was a responsible and responsive bidder. Cascade recommends awarding the contract to HPS-IRF and seeks the Board's approval.

FISCAL IMPACT

The requested contract authorization is the amount of \$97,000, inclusive of Washington State sales tax.

Budget Line	2023 Budget	Spent and Committed to Date	Available 2023 Budget	This Action	2023 Remaining Balance
77-Repair/Refurbishment Projects	\$100,000	\$0	\$100,000	\$97,000	\$3,000

OPTIONS

1. Authorize the Chief Executive Officer to award and execute a contract to fabricate and install a replacement hydraulic power unit and related flow control system components in the Valve House in an amount not-to-exceed \$97,000.
2. Do not authorize the Chief Executive Officer to award and execute a contract and provide alternate direction to staff.

RECOMMENDED ACTION

Authorize the Chief Executive Officer to award and execute a contract to fabricate and install a replacement hydraulic power unit and related flow control system components in the Valve House in an amount not-to-exceed \$97,000.

ATTACHMENTS

None.

AGENDA MEMORANDUM

SUBJECT

Motion to adopt Resolution 2023-10 authorizing the Chief Executive Officer, in consultation with legal counsel to finalize and execute a 5-year temporary construction easement to be granted by Cascade Water Alliance to the U.S. Army Corps of Engineers, related to the Corps' Mud Mountain Dam Fish Passage Project, substantially in the form attached.

BACKGROUND

In 2018, the Board authorized execution of a package of agreements with the U.S. Army Corps of Engineers (Corps), related to the Corps' Mud Mountain Dam Fish Passage Project (MMD FPP). The MMD FPP includes:

1. Demolition of the existing 100+ year old barrier structure and the 70-year-old fish trap and haul facility located in Buckley.
2. Construction of a new barrier structure.
3. Construction of a new fish trap and haul facility designed to meet the conditions of the NMFS Biological Opinion.
4. Construction of improvements to the Cascade intake and diversion facilities (the Cascade Intake Improvements).

The 2018 agreements included a five-year temporary work area and access easement (TCE) for the Corps' short-term access to Cascade property.

There was no agreement to a time for the Corps to complete construction, but the Corps is under a Federal District Court consent decree that requires the FPP Project to be complete by December 2020 (missed deadline) and the selected contractor was required to complete the entire project (including the Cascade Intake Improvements) by July 2025.

Number 1 and 2 are completed. Number 3 is being finalized. A new five-year TCE is needed for the work to be done under Number 3 and 4.

PROCUREMENT PROCESS

N/A

FISCAL IMPACT

Cascade will be compensated for the new 5-year Temporary Construction easement as follows: In exchange for the new 5-year temporary construction easement, Corps will modify the construction of a new Cascade drainage outlet at the request of Cascade at no additional cost to Cascade. The cost for modification is estimated between \$25,000 to \$28,000 pending the final agreement between Corps and its contractor.

OPTIONS

1. Adopt Resolution 2023-10 authorizing the Chief Executive Officer, in consultation with legal counsel to finalize and execute a 5-year temporary construction easement to be granted by

Cascade Water Alliance to the U.S. Army Corps of Engineers, related to the Corps' Mud Mountain Dam Fish Passage Project, substantially in the form attached.

2. Do not adopt Resolution 2023-10 and provide alternate directions to staff.

RECOMMENDED ACTION

Adopt Resolution 2023-10 authorizing the Chief Executive Officer, in consultation with legal counsel to finalize and execute a 5-year temporary construction easement to be granted by Cascade Water Alliance to the U.S. Army Corps of Engineers, related to the Corps' Mud Mountain Dam Fish Passage Project, substantially in the form attached.

ATTACHMENTS

1. Resolution 2023-10.
2. Final Draft of Five-year Temporary Construction Easement to be granted by Cascade to the Corps.



CASCADE WATER ALLIANCE
RESOLUTION No. 2023-10

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CASCADE WATER ALLIANCE,
A WASHINGTON MUNICIPAL CORPORATION
AUTHORIZING THE CHIEF EXECUTIVE OFFICER TO EXECUTE A TEMPORARY
CONSTRUCTION EASEMENT AND AGREEMENT WITH THE UNITED STATES ARMY
CORPS OF ENGINEERS RELATED TO THE CORPS' MUD MOUNTAIN DAM FISH
PASSAGE PROJECT

WHEREAS the Cascade Water Alliance ("Cascade") is a Washington municipal corporation formed under authority of the Joint Municipal Utilities Authority Act (Chapter 39.106 RCW) to provide water supply to its Members; and

WHEREAS Cascade owns property necessary for the United States Army Corps of Engineers' ("Corps") construction, access and operation of the Corps' Mud Mountain Dam Fish Passage Project ("MMD FPP"); and

WHEREAS in 2018, the Cascade Board of Directors ("Board") authorized execution of a package of agreements so the Corps could engage in the following activities: (1) Demolition of the existing 100+ year old barrier structure and the 70-year-old fish trap and haul facility located in Buckley; (2) Construction of a new barrier structure; (3) Construction of a new fish trap and haul facility designed to meet the conditions of the NMFS Biological Opinion; and Construction of improvements to the Cascade intake and diversion facilities (the Cascade Intake Improvements); and

WHEREAS the Corps is delayed in completion of activities (3) and (4) and has requested an extension of access to Cascade's property; and

WHEREAS, in support of the Corps' MMD FPP and for valuable consideration, the Board now desires to authorize the Chief Executive Officer, in consultation with legal counsel, to finalize and execute a 5-Year Temporary Construction Easement, substantially in the form of the attached.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CASCADE WATER ALLIANCE, as follows:

Section 1. Adoption. The Board authorizing the Chief Executive Officer, in consultation with legal counsel to finalize and execute a 5-year temporary construction easement to be granted by Cascade Water Alliance to the U.S. Army Corps of Engineers, related to the Corps' Mud Mountain Dam Fish Passage Project, substantially in the form attached.

Section 2. Effect. This Resolution shall be in full force and effect on the date of its adoption.

ADOPTED AND APPROVED by the Board of Directors of the Cascade Water Alliance at a regular meeting thereof, held on the 24th day of May 2023.

CASCADE WATER ALLIANCE

Penny Sweet, Chair

Attest – Chuck Clarke, Acting Chief Executive Officer

Angela Birney, Vice Chair

Allan Ekberg, Secretary/Treasurer

Members

Yes _____
No _____

Demand Share

Yes _____ %
No _____ %

Include in CWAC?

____ Yes
X No

When recorded return to
 Department of the Army
 U.S. Army Corps of Engineers, Seattle District
 4735 East Marginal Way South Bldg 1202
 ATTN: CENW S-RET
 Seattle, WA 98134-2388

Temporary Easement Deed

CONTRACT NO.: DACW679230010900

PROJECT: MUD MOUNTAIN DAM FISH
PASSAGE

GRANTOR NAME & ADDRESS: CASCADE WATER ALLIANCE
520 112TH AVENUE NE #400
BELLEVUE, WASHINGTON 98004

GRANTEE: UNITED STATES OF AMERICA

PARCEL NO.: 0619022001
0620344017
0620344014

Abbreviated Legal Description: Portions of: Section 34, Township 20 North, Range 6 East, and Section 2, Township 19 North, Range 6 East, W.M. in Pierce County, Washington

The GRANTOR, Cascade Water Alliance, a municipal corporation, as legal successor of Cascade Water Alliance, a non-profit corporation, for value received the receipt of sufficiency of which is hereby acknowledged, does hereby grant, bargain, sell and convey to the United States of America an easement and right-of-way for the uses and purposes set forth hereinafter in connection with the Mud Mountain Dam Fish Passage Project, in, upon, over and across the following described parcels of land situate, lying and being in the County of Pierce, State of Washington (the "Easement"):

THE LEGAL DESCRIPTION IS ATTACHED AS EXHIBIT A

This Conveyance is for the Department of the Army.

The Easement and rights hereby granted include the right, power, privilege and easement in, on, over and across the above-described property for the following purposes:

A temporary easement and right-of-way in, on, over, and across Tracts No. B101E-7 (the "Premises"), for a period not to exceed 5 years, beginning on May 31, 2023, of the land is granted to the United States, for use by the United States, its representatives, agents, and contractors for the location, construction, operation, maintenance, alteration, and replacement of roads and appurtenances thereto and as a work area including the right to move, store, and

Mud Mountain Dam Fish Passage Project
 DACW679230010900 Cascade Water Alliance

remove equipment and supplies, and erect and remove temporary structures on the land and to perform any other work necessary and incident to the construction of the Mud Mountain Dam Fish Passage Project, together with the right to trim, cut, fell, and remove therefrom all trees, underbrush, obstructions, and any other vegetation, structures, or obstacles within the limits of the right-of-way; reserving, however, to the GRANTOR, its successors and assigns, the right to access, operate, use, patrol, maintain, repair, upgrade, reconstruct and replace GRANTOR's facilities located within or adjacent to the Premises; together with all other such rights and privileges as may be used without interfering with or abridging the rights and easement hereby acquired to include; subject however, to existing easements for public roads and highways, public utilities, railroads, and pipelines.

Upon expiration of this easement and subject to improvements constructed pursuant to the design requirements for the Project identified above, the premises will be restored to substantially the same condition as that which existed at the time possession was granted to the United States unless otherwise agreed by the parties.

In exercising its rights under this Easement, GRANTEE shall comply with all applicable laws and regulations now or hereafter enacted pertaining to the Project. Further, GRANTEE is responsible for meeting all applicable federal, state and local safety and other codes, and for obtaining all applicable federal, state and local permits, licenses, or other authorizations required for the construction and operation of the Project including, but not limited to, such laws or permits as may pertain to building, zoning, shoreline regulation, environmental protection or other matters pertaining to the general public health, safety and welfare to the extent Congress has waived sovereign immunity. Nothing in this Easement shall be interpreted as a waiver of sovereign immunity by the United States.

GRANTOR does not assume any liability for injury or damage to any person or property incident to or that may arise during and in consequence of the GRANTEE's or its assignees use, occupancy and enjoyment of the Premises or their construction of, erection of, maintenance of, or their failure to properly and safely construct, operate and maintain the Project or to use and occupy said Premises.

GRANTEE shall, consistent with the purposes of the Project, construct the Project in a safe, careful, and workmanlike manner so as to avoid damage to the GRANTOR'S facilities or interference with the GRANTOR'S operations and to prevent injury to property of the GRANTOR and to the life and property of third persons. GRANTEE agrees, to the extent permitted by federal law, to indemnify and hold harmless GRANTOR, its members, and its elected or appointed officers, officials, and employees from any damage caused by GRANTEE, its employees and/or contractors on the Premises, in the exercise of rights under this Easement, provided, no obligation or payment by GRANTEE may exceed the amount of funds authorized and available for such purpose at the time of the damage.

In any litigation or other proceeding arising out of this Easement, the substantially prevailing party shall be entitled to an award of its reasonable attorneys' fees and other costs incurred therein to the extent permitted by federal law.

Invalidation of any of the provisions contained in this Easement, or of the application thereof to any person, by judgment or court order, shall in no way affect any of the other provisions thereof or the application thereof to any other person and the same shall remain in full force and effect.

The failure of any party to insist upon strict performance of any of the terms, covenants or conditions hereof shall not be deemed a waiver of any rights or remedies which that party may have hereunder or at law or equity and shall not be deemed a waiver of any subsequent breach or default in any of such terms, covenants or conditions.

GRANTOR alone shall pay any and all taxes, charges or use fee(s) levied by any governmental agency against GRANTEE's interest in the Premises, or against any of GRANTOR's real property as a result of the Easement herein granted. GRANTEE shall not cause liens of any kind to be placed against the Premises or any of GRANTOR's other real property.

GRANTEE's obligation to pay or reimburse any money under this Easement is subject to express Congressional authorization and the availability of fund appropriated for this purpose to the Department of the Army, and nothing in this Easement shall be interpreted to require obligations or payments by the GRANTEE in violation of the Anti-Deficiency Act, 31 U.S.C. §1341. The provisions of this clause are without prejudice to any rights GRANTOR may have to make a claim under applicable laws for any other damages than provided herein. Nothing in this Easement may be considered as implying that the Congress will at a later date authorize and appropriate funds to meet deficiencies.

WITNESS MY HAND AND SEAL this _____ day of _____, 20_____.

CASCADE WATER ALLIANCE:

UNITED STATES OF AMERICA

BY: _____

Title of Signatory

Printed Name

Date

Phone Number

Email Address

BY: _____

Thomas J. Seymour
Seattle District, Real Estate Chief Real Estate
Contracting Officer

STATE OF WASHINGTON)
) ss
County of King)

On this _____ day of _____, 2023, before me the undersigned, a Notary Public for the State of Washington, duly commissioned and sworn, personally appeared _____, to me known to be _____, who executed the foregoing instrument and acknowledged to me that he was authorized to execute said instrument on behalf of the United States Army Corps of Engineers for the uses and purposes mentioned therein.

WITNESS my hand and official seal hereto affixed the day and year in this certificate above written.

[Signature of Notary]

[Print Name of Notary]

Notary Public in and for the State of Washington

Residing at: _____

My Commission expires: _____

STATE OF WASHINGTON)
) ss
County of King)

On this _____ day of _____, 2023, before me the undersigned, a Notary Public for the State of Washington, duly commissioned and sworn, personally appeared _____, to me known to be the _____, who executed the foregoing instrument and acknowledged to me that he/she was authorized to execute said instrument on behalf of the Cascade Water Alliance for the uses and purposes mentioned therein.

WITNESS my hand and official seal hereto affixed the day and year in this certificate above written.

[Signature of Notary]

[Print Name of Notary]

Notary Public in and for the State of Washington

Residing at: _____

My Commission expires: _____

DRAFT

CORPORATE | PARTNERSHIP | TRUST

CERTIFICATE

I, _____, certify that I am the _____ of
(Print or Type Name) (Title)

Cascade Water Alliance named as Owner herein;

that _____ who signed said Temporary Easement Deed on behalf
(Print or Type Name)

of the Owner was then _____ of Cascade Water Alliance;
(Title)

that said Temporary Easement Deed was duly signed for and on behalf Cascade Water
Alliance by authority of its governing body/trust agreement and is within the scope of its

Corporate/Partner/Trustee Authority.

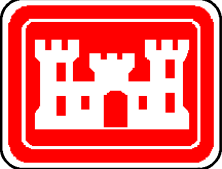
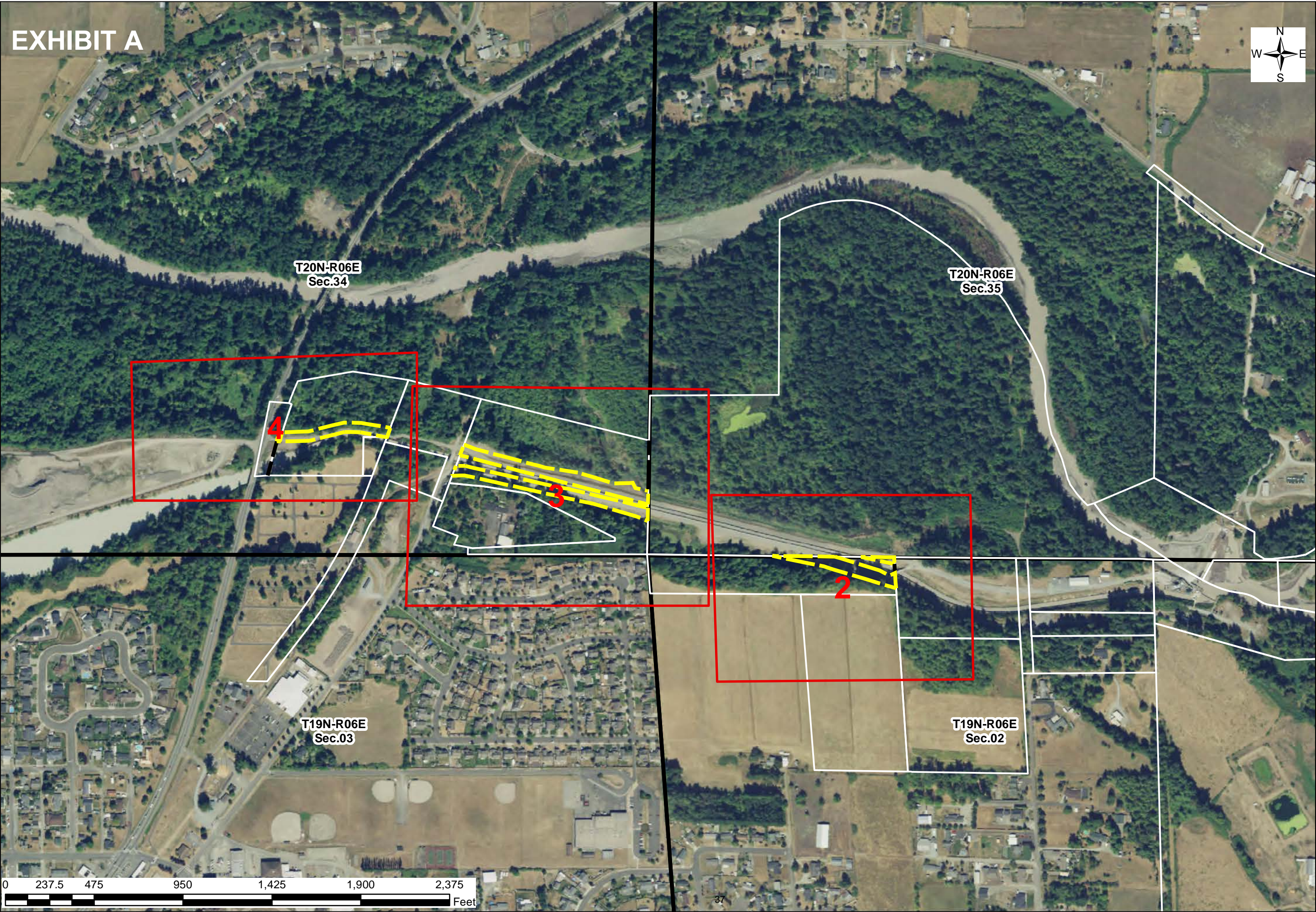
(Date) (Signature of Certifying Official)

(Print or type name)

(Seal, if used) (Title)

(THIS CERTIFICATE SHOULD BE COMPLETED BY SOMEONE OTHER THAN THE INDIVIDUAL WHO SIGNED THE TEMPORARY EASEMENT DEED. THE PURPOSE OF THIS CERTIFICATE IS TO HAVE ANOTHER OFFICER OF THE CORPORATION/PARTNERSHIP/TRUST ATTEST THAT THE INDIVIDUAL WHO SIGNED THE TEMPORARY EASEMENT DEED AND RESPONSE ON BEHALF OF THE CORPORATION/PARTNERSHIP/TRUST HAD THE AUTHORITY TO DO SO UNDER THE CORPORATE/PARTNERSHIP/TRUST AGREEMENT.)

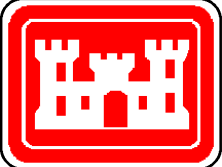
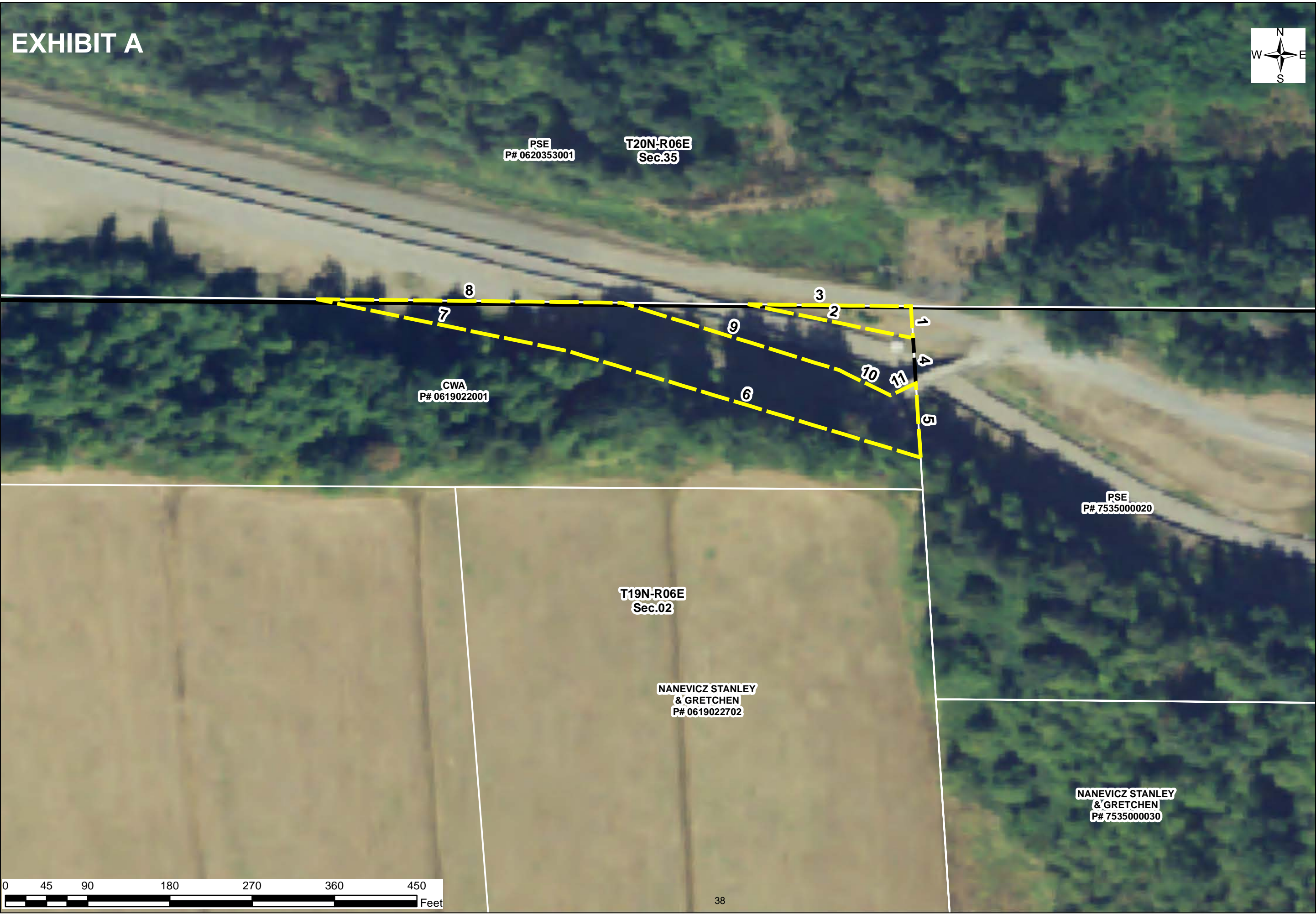
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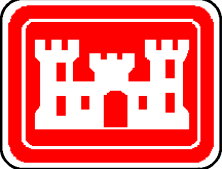
MUD MOUNTAIN DAM
FISH PASSAGE
Temporary Access + Staging Easement from CWA
Tract B101E-7
WASHINGTON STATE
PIERCE COUNTY

EXHIBIT A



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MUD MOUNTAIN DAM FISH PASSAGE Temporary Access + Staging Easement from CWA Tract B101E-7 WASHINGTON STATE PIERCE COUNTY
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U.S. ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
SEATTLE, WASHINGTON

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**MUD MOUNTAIN DAM
FISH PASSAGE**

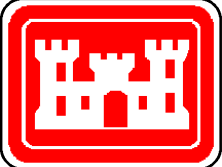
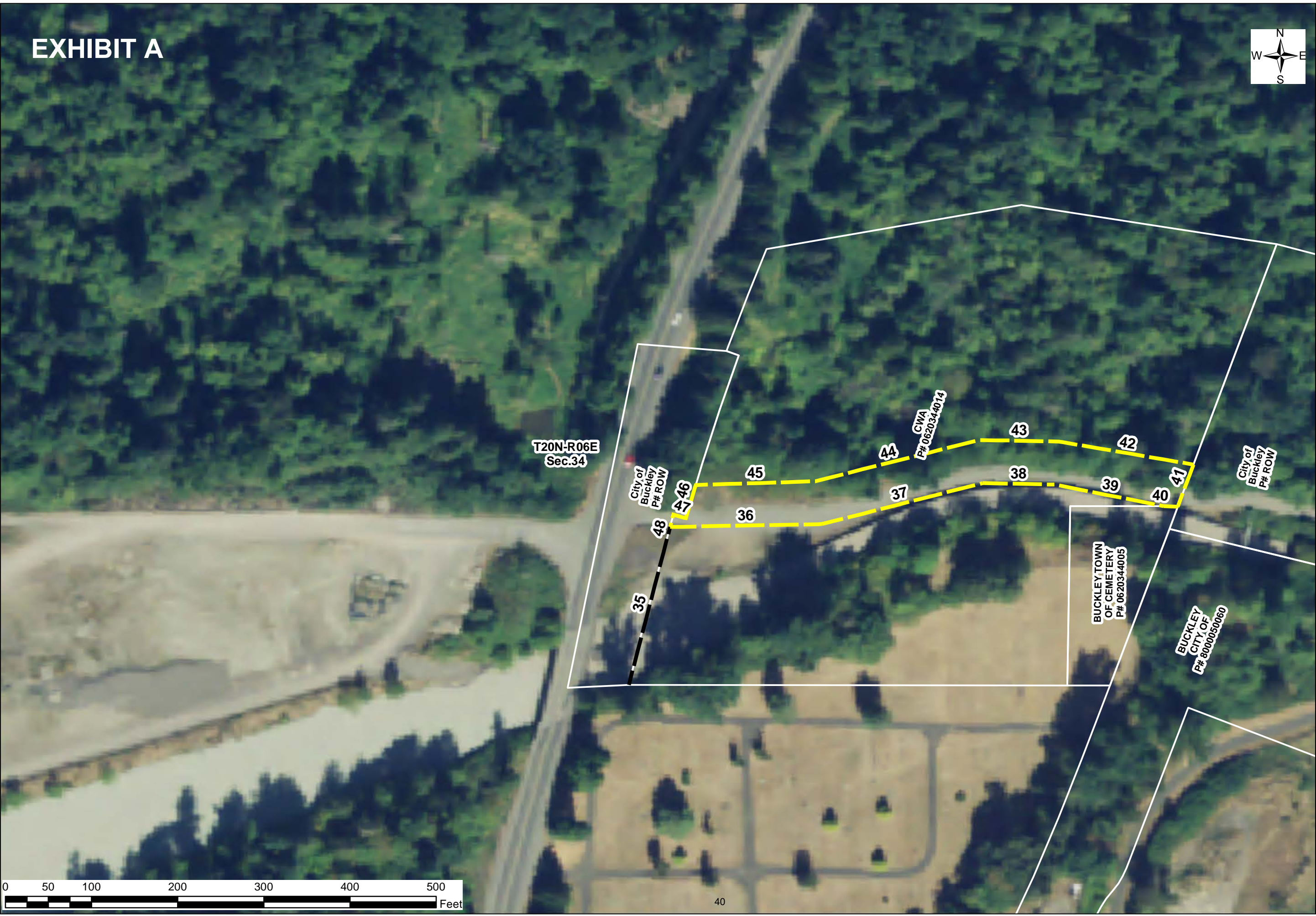
Temporary Access + Staging Easement from CWA

Tract B101E-7

WASHINGTON STATE

PIERCE COUNTY

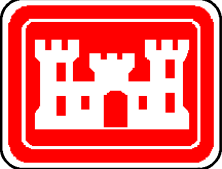
EXHIBIT A



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MUD MOUNTAIN DAM FISH PASSAGE	
Temporary Access + Staging Easement from CWA	
WASHINGTON STATE	PIERCE COUNTY
Tract B101E-7	

EXHIBIT A



U.S. ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
SEATTLE, WASHINGTON

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MUD MOUNTAIN DAM
FISH PASSAGE

Temporary Access + Staging Easement from CWA

Tract B101E-7

PIERCE COUNTY
WASHINGTON STATE

Parcel A		
ID	Direction	Distance
1	S 3-39-8 E	34.99
2	N 78-24-9 W	184.32
3	S 89-18-47 E	178.34

Parcel B		
ID	Direction	Distance
1	S 3-39-8 E	34.99
4	S 3-39-8 E	49.44
5	S 3-39-8 E	81.31
6	N 73-12-51 W	404.30
7	N 78-22-8 W	279.94
8	S 89-18-47 E	334.65
9	S 72-46-3 E	248.96
10	S 63-47-25 E	62.13
11	N 64-47-24 E	30.87

Parcel C		
ID	Direction	Distance
12	S 1-0-37 W	269.94
13	S 1-0-37 W	71.36
14	N 75-21-47 W	1,039.52
15	N 20-42-41 E	61.77
16	S 68-38-0 E	75.43
17	S 75-9-35 E	374.01
18	S 81-4-21 E	179.59
19	S 73-23-33 E	199.97
20	N 88-33-17 E	101.94
21	S 25-56-31 E	30.02
22	S 76-42-23 E	71.24

Parcel D		
ID	Direction	Distance
12	S 1-0-37 W	269.94
13	S 1-0-37 W	71.36
23	S 1-0-37 W	18.52
24	S 1-0-37 W	70.42
25	N 67-42-34 W	70.95
26	N 73-57-51 W	237.69
27	N 77-48-15 W	193.26
28	N 77-27-51 W	509.43
29	S 88-10-57 W	65.46
30	N 20-42-37 E	56.99
31	S 88-47-53 E	50.08
32	S 77-5-52 E	497.33
33	S 80-8-6 E	71.45
34	S 76-35-50 E	433.35

Parcel E		
ID	Direction	Distance
35	N 14-39-11 E	189.26
36	N 88-55-20 E	176.24
37	N 75-42-6 E	192.43
38	S 88-53-29 E	83.04
39	S 78-51-30 E	129.14
40	S 86-40-25 E	16.71
41	N 20-25-4 E	52.40
42	N 80-17-55 W	158.58
43	N 88-53-29 W	92.07
44	S 75-53-23 W	196.38
45	S 88-11-2 W	138.87
46	S 16-38-53 W	40.19
47	N 74-3-6 W	15.08
48	S 14-39-11 W	14.76

**Mud Mountain Dam Fish Passage
Temporary Access + Staging Easement from CWA**

Tract B101E-7
± 4.17 acs

EXHIBIT A

LEGAL DESCRIPTION

5 parcels of land situated in Section 34, Township 20 North, Range 6 East, and Section 2, Township 19 North, Range 6 East, W.M. in Pierce County, Washington, more particularly described as follows:

Parcel A:

Beginning at the Northeast corner of Pierce County Assessor's parcel # 0619022001;
Thence south 03°39'08" east, along the east line of said parcel, a distance of 34.99 feet more or less;
Thence north 78°24'09" west, a distance of 184.32 feet more or less, to the north line of said parcel;
Thence south 89°18'47" east, along the north line of said parcel, a distance of 178.34 feet more or less, to the **Point of Beginning**;

Parcel B:

Commencing at the Northeast corner of Pierce County Assessor's parcel # 0619022001, thence south 03°39'08" east, a distance of 84.43 feet more or less, to the true **Point of Beginning**;

Thence south 03°39'08" east, along the east line of said parcel, a distance of 81.31 feet more or less;
Thence north 73°12'51" west, a distance of 404.30 feet more or less;
Thence north 78°22'08" west, a distance of 279.94 feet more or less, to the north line of said parcel;
Thence south 89°18'47" east, along the north line of said parcel, a distance of 334.65 feet more or less;
Thence south 72°46'03" east, a distance of 248.96 feet more or less;
Thence south 63°47'25" east, a distance of 62.13 feet more or less;
Thence north 64°47'24" east, a distance of 30.87 feet more or less, to the **Point of Beginning**;

Parcel C:

Doc: 002483.docx

**Mud Mountain Dam Fish Passage
Temporary Access + Staging Easement from CWA**

Tract B101E-7
± 4.17 acs

Commencing at the Northeast corner of Pierce County Assessor's parcel # 0620344012, thence south 01°00'37" west, a distance of 269.94 feet more or less, to the true **Point of Beginning**;

Thence south 01°00'37" west, along the east line of said parcel, a distance of 71.36 feet more or less;
Thence north 75°21'47" west, a distance of 1,039.52 feet more or less, to the west line of said parcel;
Thence north 20°42'41" east, along the west line of said parcel, a distance of 61.77 feet more or less;
Thence south 68°38'00" east, a distance of 75.43 feet more or less;
Thence south 75°09'35" east, a distance of 374.01 feet more or less;
Thence south 81°04'21" east, a distance of 179.59 feet more or less;
Thence south 73°23'33" east, a distance of 199.97 feet more or less;
Thence north 88°33'17" east, a distance of 101.94 feet more or less;
Thence south 25°56'31" east, a distance of 30.02 feet more or less;
Thence south 76°42'23" east, a distance of 71.24 feet more or less, to the **Point of Beginning**;

Parcel D:

Commencing at the Northeast corner of Pierce County Assessor's parcel # 0620344012, thence south 01°00'37" west, a distance of 359.82 feet more or less, to the true **Point of Beginning**;

Thence south 01°00'37" west, along the east line of said parcel, a distance of 70.42 feet more or less;
Thence north 67°42'34" west, a distance of 70.95 feet more or less;
Thence north 73°57'51" west, a distance of 237.69 feet more or less;
Thence north 77°48'15" west, a distance of 193.26 feet more or less;
Thence north 77°27'51" west, a distance of 509.43 feet more or less;
Thence south 88°10'57" west, a distance of 65.46 feet more or less, to the west line of said parcel;
Thence north 20°42'37" east, along the west line of said parcel, a distance of 56.99 feet more or less;
Thence south 88°47'53" east, a distance of 50.08 feet more or less;
Thence south 77°05'52" east, a distance of 497.33 feet more or less;
Thence south 80°08'06" east, a distance of 71.45 feet more or less;

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EXHIBIT A

**Mud Mountain Dam Fish Passage
Temporary Access + Staging Easement from CWA**

Tract B101E-7
± 4.17 acs

Thence south 76°35'50" east, a distance of 433.35 feet more or less, to the **Point of Beginning**;

Parcel E:

Commencing at the Southwest corner of Pierce County Assessor's parcel # 0620344014, thence north 14°39'11" east, a distance of 189.26, to the true **Point of Beginning**;

Thence north 88°55'20" east, a distance of 176.24 feet more or less;
Thence north 75°42'06" east, a distance of 192.43 feet more or less;
Thence south 88°53'29" east, a distance of 83.04 feet more or less;
Thence south 78°51'30" east, a distance of 129.14 feet more or less;
Thence south 86°40'25" east, a distance of 16.71 feet more or less, to the east line of said parcel;
Thence north 20°25'04" east, a distance of 52.40 feet more or less;
Thence north 80°17'55" west, a distance of 158.58 feet more or less;
Thence north 88°53'29" west, a distance of 92.07 feet more or less;
Thence south 75°53'23" west, a distance of 196.38 feet more or less;
Thence south 88°11'02" west, a distance of 138.87 feet more or less, to the west line of said parcel, also being the east ROW line of highway 410;
Thence south 16°38'53" west, a distance of 40.19 feet more or less;
Thence north 74°03'06" west, a distance of 15.08 feet more or less;
Thence south 14°39'11" west, a distance of 14.76 feet more or less, to the **Point of Beginning**;

Containing 4.17 acres, more or less.

This legal description is not based on an actual survey.

Coordinates and basis of bearing are based on the Washington State Plane Coordinate System, North Zone, NAD 27, US feet.

By: OJV July 10 2017(rev. 30 Aug 2017/rev. 08 Feb 2018)
Chkd: JEF July 19 2017
Map: CWA_B101E_7.mxd
CAD/GIS: \\ Mud Mountain Dam\Tasks\MMDFP 2015\ CWA-legals

Doc: 002483.docx

SUMNER'S WHITE RIVER RESTORATION



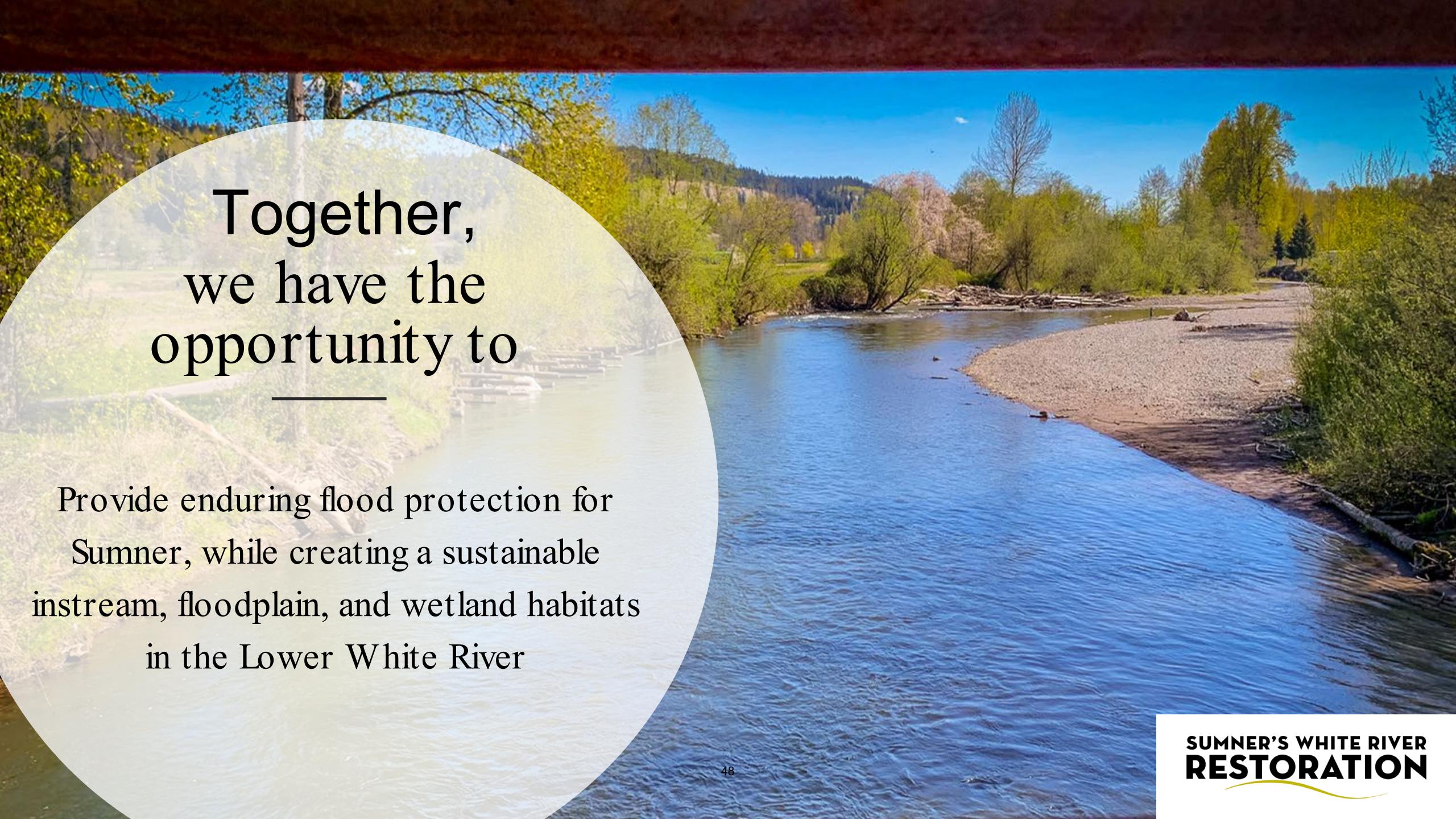


Dialogue Group January 2016



Floodplains By Design |
Pierce Conservation District | Port of Tacoma
The Nature Conservancy | Forterra |
Integrated Management Group (Pierce County)
American Rivers | Puget Sound Partners |
City of Pacific | WDFW

Dialogue Group Now



Together,
we have the
opportunity to

Provide enduring flood protection for
Sumner, while creating a sustainable
instream, floodplain, and wetland habitats
in the Lower White River

Enhance Critical Habitat

- **Chinook** – critical food source for southern resident Orcas
- **Steelhead**
- **Bull Trout**
- Chum
- Sockeye
- Pink
- Coho



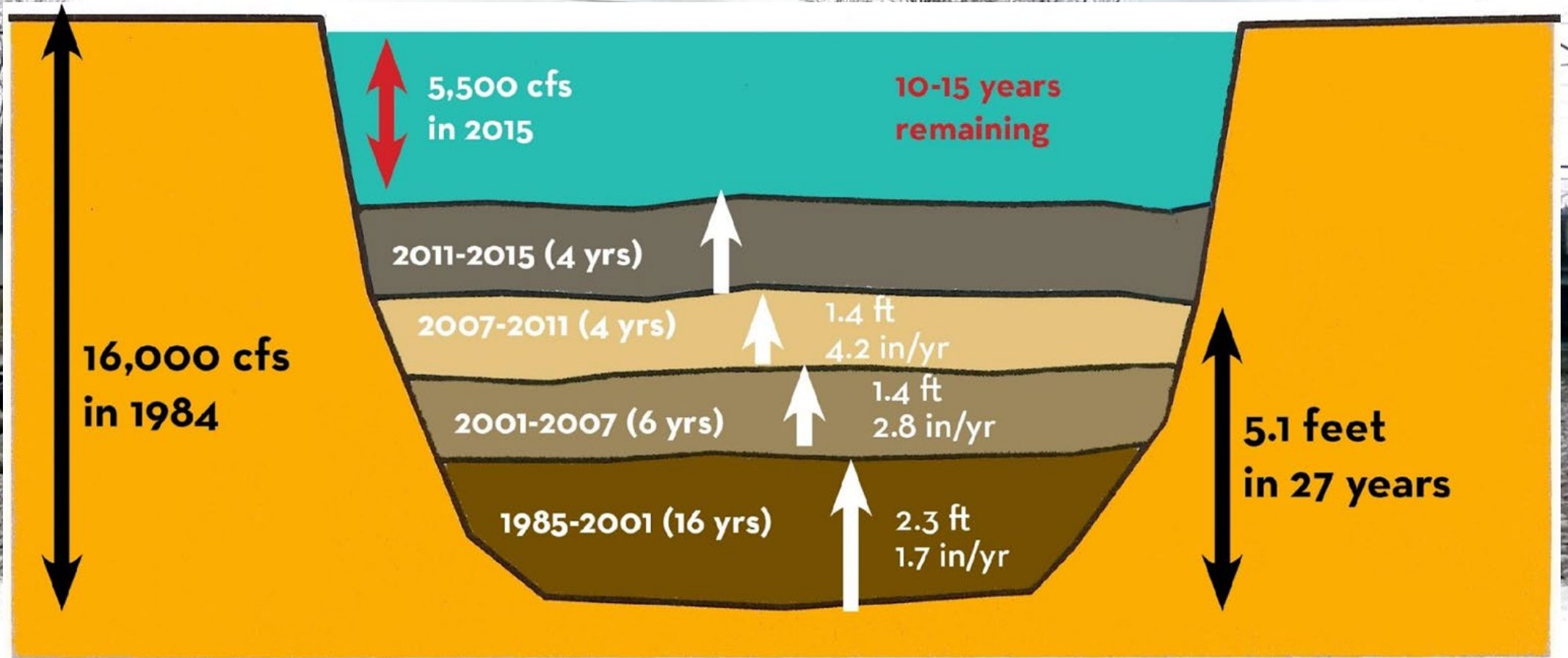
SUMNER'S WHITE RIVER
RESTORATION



Protect jobs, homes & environment
from flooding



Rising Flood Risk



Rising Flood Risk

Protect Supply Chains



WHERE QUALITY AND
FRESHNESS MATTER



amazon

DILLANOS
COFFEE ROASTERS



Protect Threat to Economy



17,500 jobs located here

More threatened down supply chain



\$2.8 BILLION Assessed Value

of properties - Does not count cost of goods, equipment and proprietary technology inside

Landscape Scale Restoration

The success of multiple-benefit projects!

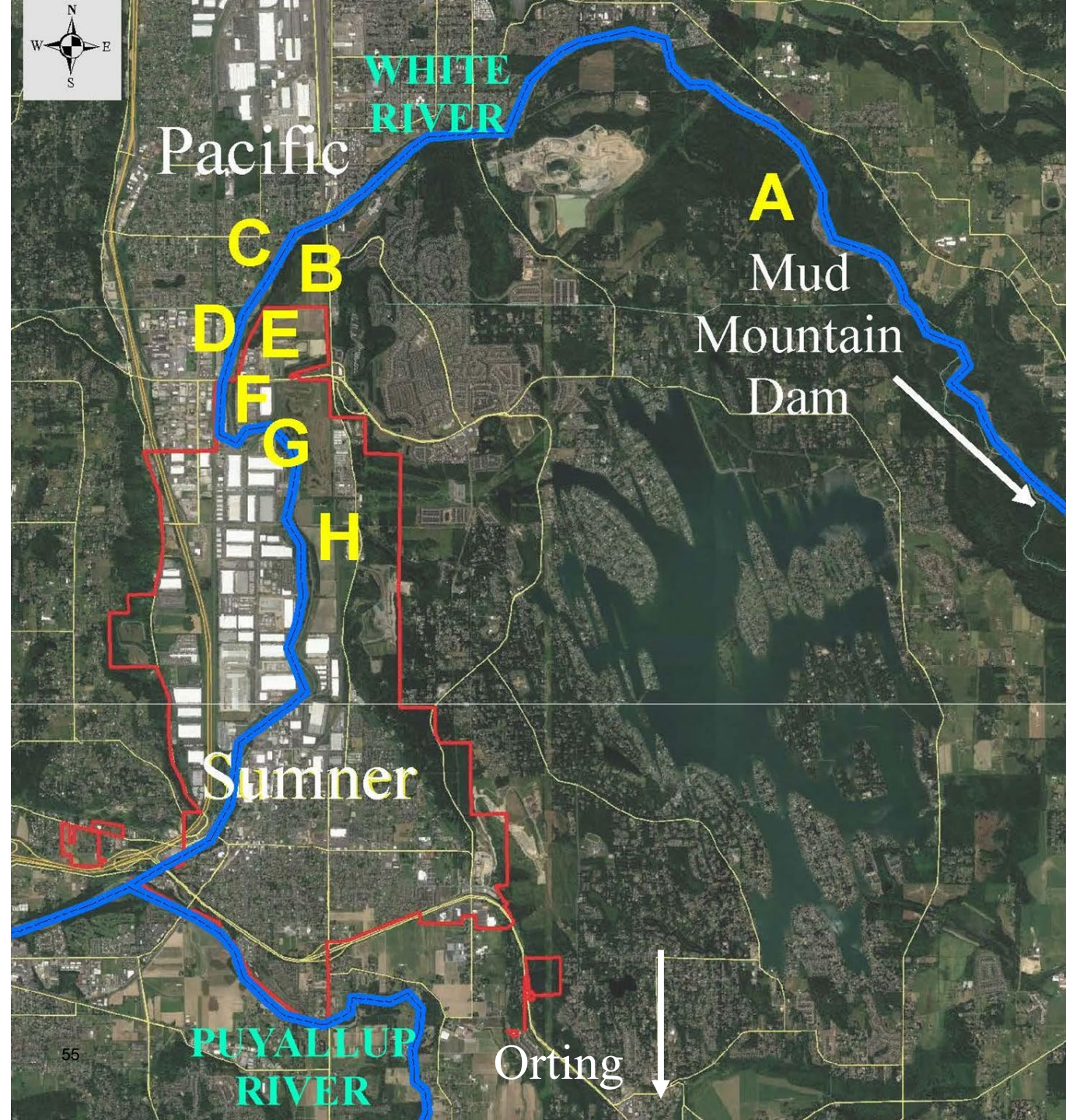
DONE

- A Mud Mountain Dam Fish Passage
- B King County Countyline Setback Levee

IN DESIGN

- C King Co R. Setback Levee
- D Pierce Co Butte Pit
- E Sumner Bridge
- F Sumner Setback Levee
- G Sumner Point Bar
- H Sumner Habitat

**SUMNER'S WHITE RIVER
RESTORATION**



Four Projects for a Full Solution

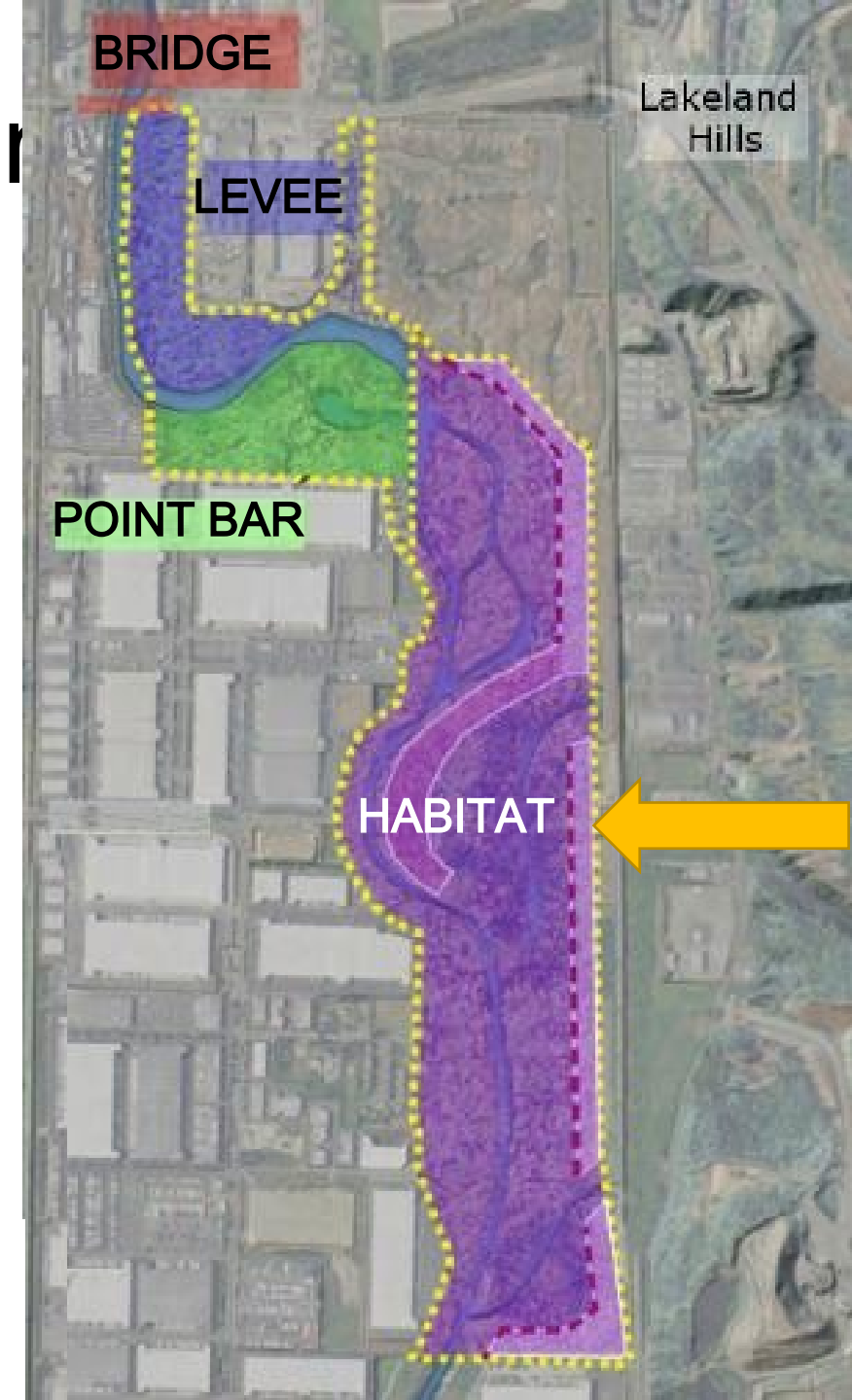
The Bridge

Setback Levee / Point Bar

Habitat

Restores 170+ acres, creating side-channels and wetlands as large storage area for floodwaters and sediment plus additional habitat for endangered salmon.

SUMNER'S WHITE RIVER
RESTORATION





Habitat- Now

**SUMNER'S WHITE RIVER
RESTORATION**



Habitat- Funded

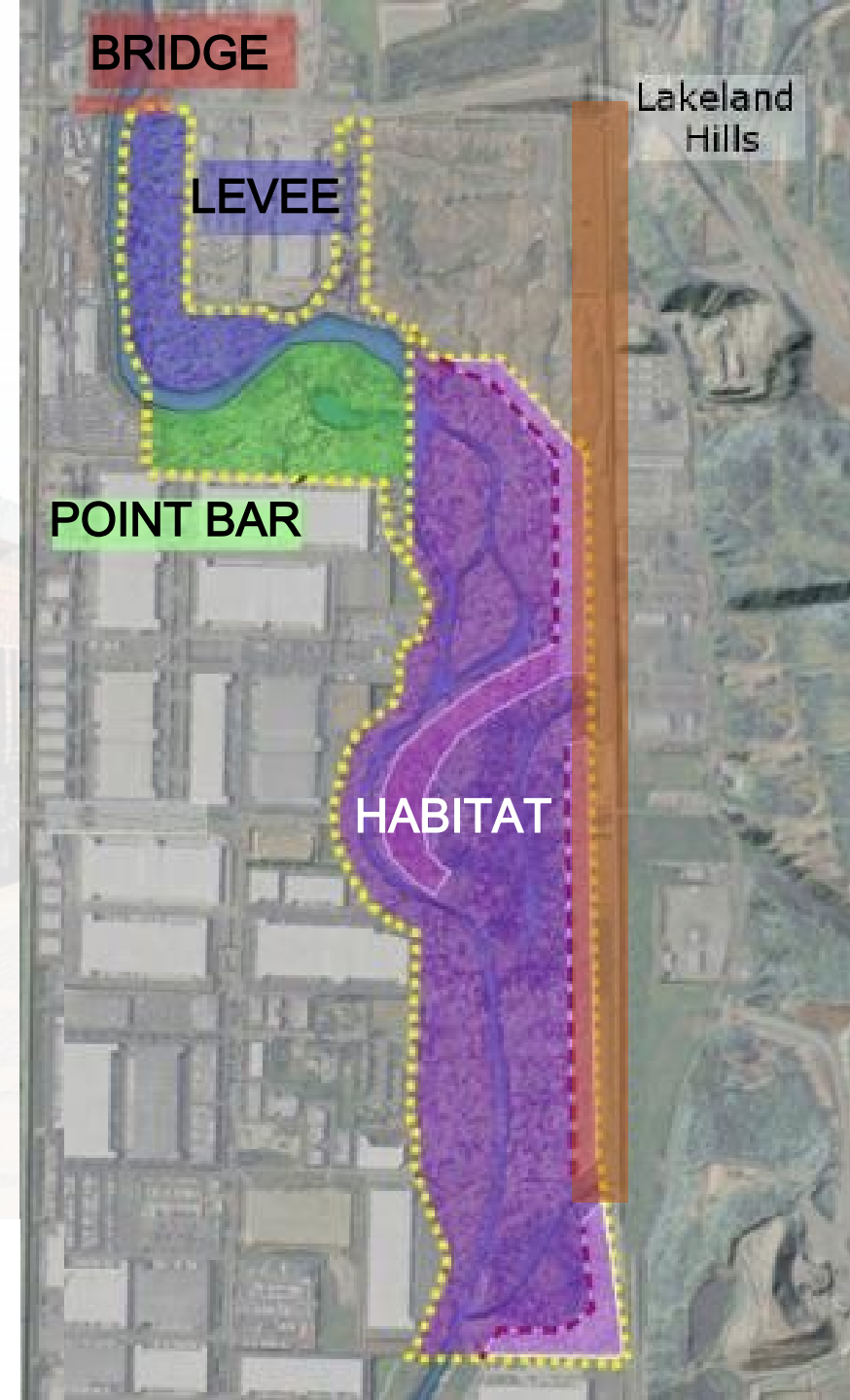
**SUMNER'S WHITE RIVER
RESTORATION**

BNSF Involvement

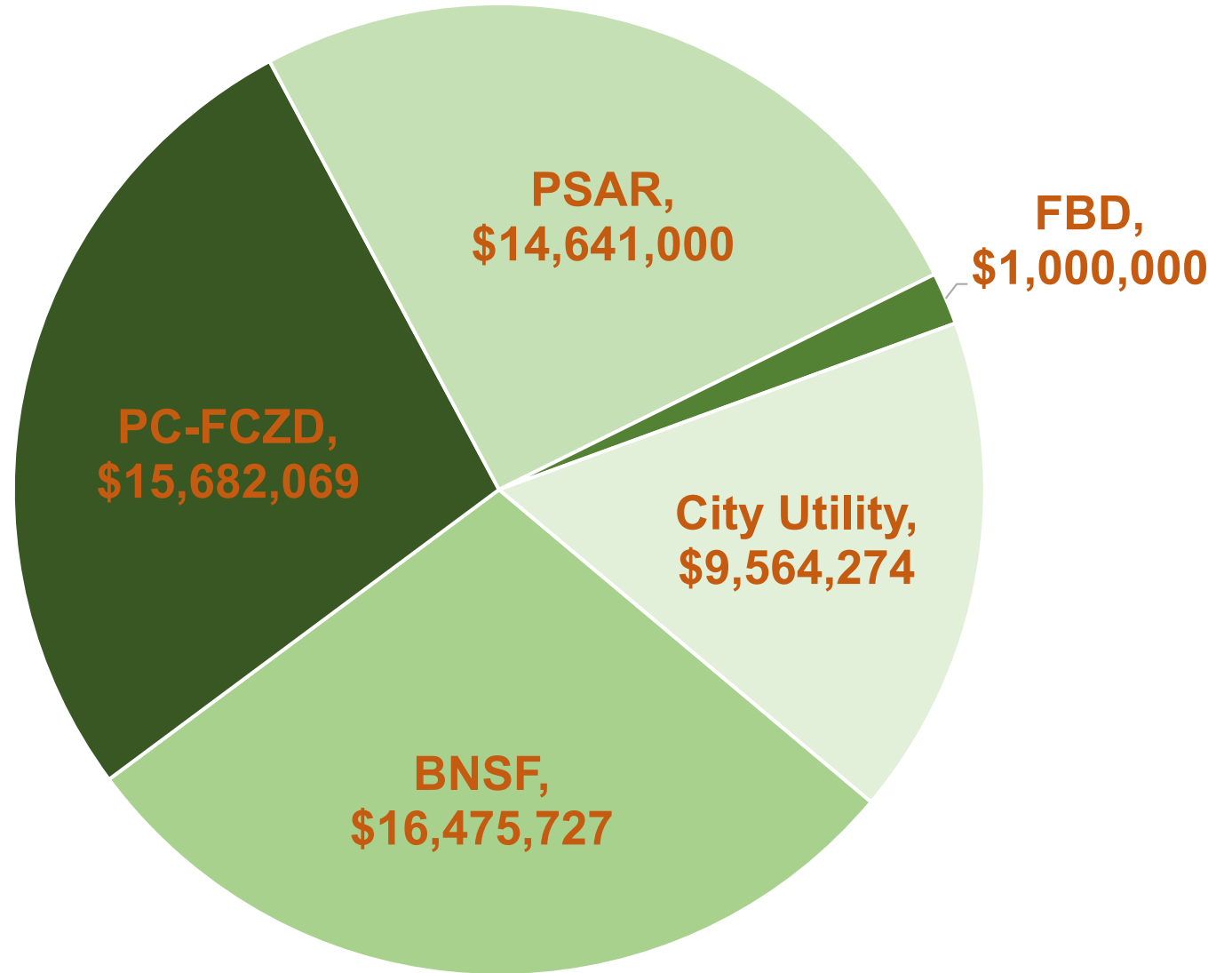
10 Track Project

- Purchase City Property
- 1 million yards of excavation to improve habitat
- Joint application to U.S. Army Corps of Engineers

**SUMNER'S WHITE RIVER
RESTORATION**



Habitat Project Funding



Anticipated Construction Schedule

2023

BNSF: Select Contractor, build siding track foundations, potentially start excavating

City: Finalize plans, start buying long lead items, finish utility relocations

2024

BNSF: Finish foundations, start tailrace bridge, start mass excavation / grading

City: Select Contractor, start installing out of water wood structures, follow BNSF to work side channel

2025

BNSF: Finish Bridge, finish grading, complete remaining work

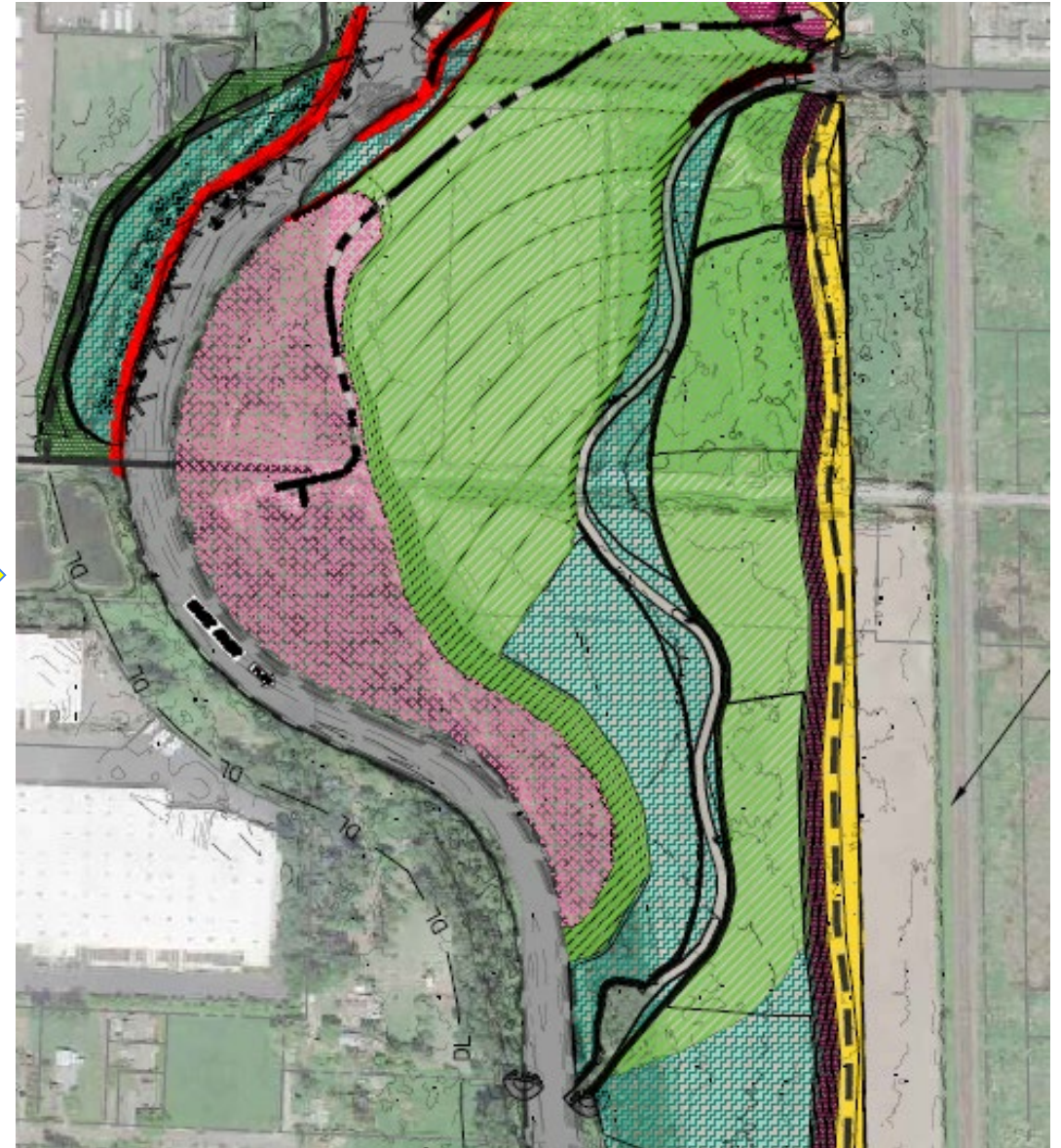
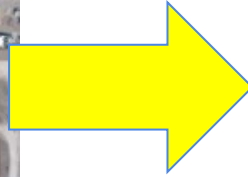
City: Install in-water wood structures, redirect tailrace W of BNSF Bridge, connect river into side channel, planting

2026/27

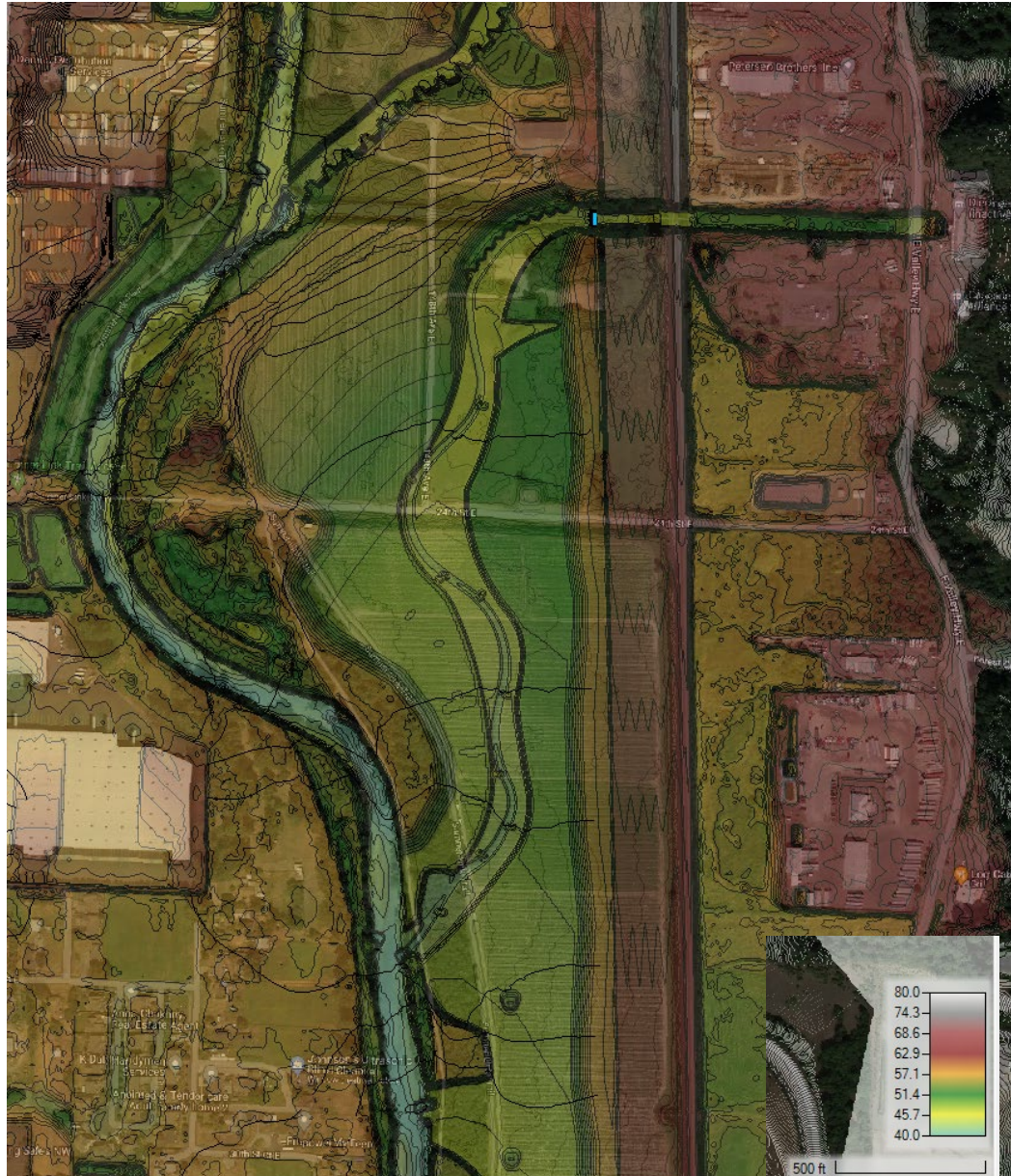
BNSF: N/A

City: Install more wood, pave new trail, complete planting, and move #9 ditch to new channels, construction complete

Tailrace Changes



Influence on Cascade Operations



- No adverse water surface impacts due to backwater from the White River
- No increase in risk to Cascade operations
- Construction will not impact the tailrace east of the BNSF ROW
- Sumner/BNSF will be responsible for maintenance of the new channel from the BNSF bridge to the West
- Cascade will no longer be responsible for replacing the BNSF Bridge
- Sumner and Cascade will split costs associated with Cascade's water right obligation to conduct a fish study

Current Status



- USACE permit expected Spring 2023
- Utilities currently being relocated for project – PSE Gas, Comcast, and Zayo are already moved. City utilities under construction
- City's 90% designs complete and are moving to final
- City selecting Construction Management Consultant
- Negotiating various agreements between City, BNSF, and Cascade

Questions?

SUMNER'S WHITE RIVER RESTORATION



AGENDA MEMORANDUM

SUBJECT

Motion to adopt Resolution No. 2023-11 adopting Cascade's Drinking Water Quality Policy Framework.

BACKGROUND

Results of the recently completed two-year water quality sampling and monitoring study indicate that the Lake Tapps Reservoir is currently healthy with low levels of pollutants. Maintaining the reservoir's water quality is critical to protect its resiliency and reliability as a future source of drinking water for the Cascade Members. Since the reservoir will not be developed for municipal supply for many years, the Board desires to provide the Cascade staff with guidance on what water quality actions should be taken prior to building out the reservoir. This includes the timing of and investment amounts for water quality activities.

On March 29, 2023, the Board held a workshop focused on providing such guidance – creating a Drinking Water Quality Policy Framework. The Policy Framework will serve as the process by which Cascade staff analyze potential water quality programs, projects, policies, and other activities for Board consideration and decision. At the workshop, Cascade staff presented the components of the Policy Framework and how the process would work and received good feedback. The attached document entitled *Drinking Water Quality Policy Framework* is the final proposed version and includes the workshop participants' feedback and subsequent additional feedback from member staff and the Resource Management Committee.

Cascade is seeking Board approval of the final Drinking Water Quality Policy Framework by way of resolution. If approved, the Board will review the Policy Framework on a biennial basis and modify it as needed. In addition, Cascade staff will update the Board on the status of the drinking water quality program on a regular basis (at least annually). The update will include information on recommendations made in Herrera's 2022 *Year 2 Water Quality Data Report*, proposed actions that were presented to the Board, actions that staff considered but did not move forward, and future actions that staff wish to explore and will need future budget authorization.

PROCUREMENT PROCESS

N/A

FISCAL IMPACT

N/A

OPTIONS

1. Adopt Resolution No. 2023-11 adopting Cascade's Drinking Water Quality Policy Framework.
2. Do not adopt Resolution No. 2023-11 and provide alternate direction to staff.

RECOMMENDED ACTION

Adopt Resolution No. 2023-11 adopting Cascade's Drinking Water Quality Policy Framework.

ATTACHMENTS:

1. Resolution No. 2023-11.
2. Cascade's Drinking Water Quality Policy Framework, dated May 24, 2023, final proposed.
3. Cascade's Drinking Water Quality Policy Framework with tracked changes.



A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CASCADE WATER ALLIANCE,
A WASHINGTON MUNICIPAL CORPORATION
ADOPTING A DRINKING WATER QUALITY POLICY FRAMEWORK.

WHEREAS, the Cascade Water Alliance (“Cascade”) is a Washington Municipal Corporation composed of seven Members, which are municipal corporations and special purpose districts that are party to the Joint Municipal Utilities Services Agreement under the authority of Chapter 39.106 RCW for the purpose of providing water supply to meet the growing demands of its Members;

WHEREAS, the Cascade Water Alliance Joint Municipal Utilities Service Agreement, dated March 28, 2012, provides, at Section 3.4.a. and b. that Cascade’s purposes include:

- a. Providing for safe, reliable, high quality drinking water supply to meet the current and projected demands of Cascade Members, and for non-Members as determined by Cascade, and to carry out this task in a coordinated, cost-effective, and environmentally sensitive manner;
- b. Develop, contract for, manage, acquire, own, maintain and operate Water Supply Assets, including without limitation, surface water supplies, groundwater supplies, reclaimed water supplies, and other water supply resources as determined by the Board;

and the White River- Lake Tapps Reservoir Project is a “Water Supply Asset”; and

WHEREAS, the Board now desires to adopt a framework for considering and approving specific water quality programs, projects, policies, and activities within the White River Lake Tapps Reservoir Project.

NOW THEREFORE BE IT RESOLVED BY THE BOARD as follows:

Section 1. Adoption of the Cascade *DRINKING WATER QUALITY POLICY FRAMEWORK*.

The Board hereby adopts the Cascade *DRINKING WATER QUALITY POLICY FRAMEWORK*, as dated May 24, 2023, and attached (Attachment 2).

Section 2. Effect. This Resolution shall be in full force and effect on this date of its adoption.

ADOPTED AND APPROVED by the Board of Directors of the Cascade Water Alliance at a regular meeting thereof, held the 24th day of May 2023.

CASCADE WATER ALLIANCE

Penny Sweet, Chair

Attest – Chuck Clarke, Acting Chief Executive Officer

Angela Birney, Vice Chair

Allan Eckberg, Secretary/Treasurer

Members

Yes _____

No _____

Demand Share

Yes _____ %

No _____ %

Include in CWAC?

☐

Yes

☒

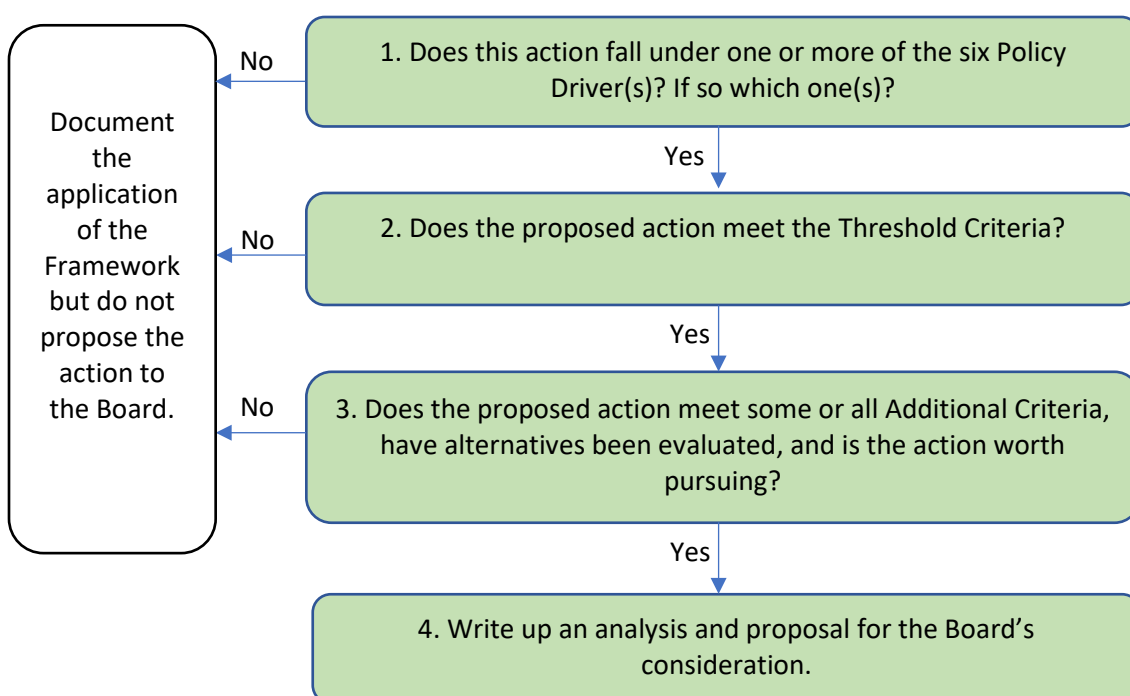
No

Cascade Water Alliance Board of Directors DRINKING WATER QUALITY POLICY FRAMEWORK Adopted: May 24, 2023

Since the Lake Tapps Reservoir will not be developed for municipal supply for many years, this Policy Framework will guide the decision-making process on which drinking water quality actions Cascade should implement, when to implement them, and how much to invest in each action. This page summarizes the overall Policy Framework process. Pages 2-4 provide specific details on the two main components of the Policy Framework: Policy Drivers and Criteria.

Process

- I. When Cascade staff identify a potential drinking water quality action, they will apply the Policy Framework as follows:



- II. After Cascade staff develop a more detailed analysis and proposal, they will present the proposed action to RMC and the Board for consideration. (Note: For actions that staff do not present to RMC and the Board, they will still document the application of the Policy Framework.)
- III. Cascade staff will update the RMC and Board on the status of the Drinking Water Quality Program on a regular basis (at least annually). The update will include information on recommendations made in *Herrera's 2022 Year 2 Water Quality Data Report*, proposed actions that were presented to RMC and the Board, actions that staff considered but did not move forward, and future actions that staff wish to explore and will need future budget authorization.
- IV. The Resource Management Committee (RMC) and Board will review this Drinking Water Quality Policy Framework at least biennially and update it as necessary.

POLICY DRIVERS	
Primary Drivers	<p>1 Future Treatment Plant Requirements for Drinking Water. Improvements, programs, policies, or other actions implemented by Cascade which are likely to reduce capital and/or operating costs for future drinking water treatment by improving raw water quality. Evaluation will consider known or anticipated federal or state regulatory treatment requirements for drinking water, consideration of emerging drinking water quality issues, or water quality expectations for introducing Lake Tapps water supplies to regional systems not owned by Cascade.</p>
	<p>2 Regulatory or Contract Water Quality or Lake Management Obligations. Improvements, programs, policies or other actions necessary to meet:</p> <ul style="list-style-type: none"> a) Minimum requirements of regulatory agencies for owning, managing and operating a lake and a surface water system to be used for drinking water supplies. b) Obligations under current and future water rights issued by the State. c) Requirements of agreements or inherited obligations as part of the acquisition of the Lake Tapps project. Includes agreements with Puget Sound Energy, the Tribes, Lake Tapps homeowners, property deeds, and agreements acquired from Puget at the time of ownership transfer. d) County and City regulatory obligations as a property owner. e) Agreements executed by Cascade since the purchase of the Lake Tapps system.
	<p>3 Cascade's Operational Needs. Improvements, programs, policies, or other actions that are needed for Cascade to cost-effectively and efficiently operate and maintain the water supply assets of the White River-Lake Tapps Reservoir system.</p>
Secondary Drivers	<p>4 Responsibilities of Others that Impact Water Quality. Working with the State, County, Cities and property owners to implement policies, regulations, programs, or practices that benefit the Lake Tapps system water quality. This may include, but not be limited to the following:</p> <ul style="list-style-type: none"> a) Working with other agencies in the implementation of their regulatory obligations. b) Working with other agencies in the development of regulations and policies that benefit water quality. c) Working with other agencies to develop plans and programs that benefit the unique characteristics of the Lake Tapps watershed. d) Working with property owners in assuring compliance with regulatory requirements or agreements.
	<p>5 Partnerships and Funding Opportunities. Water quality benefits derived as a result of partnerships with other agencies, groups, or private parties. Water quality issues may compose all or part of such arrangements and costs and benefits for water quality elements may need to be evaluated as part of all of the elements of such arrangements. Funding opportunities include grants, loans, or other financial considerations that would prioritize an improvement or program that would not otherwise be considered at that time.</p>
	<p>6 Being a Good Community Steward. Programs or actions that would be considered as part of being a neighbor, good steward of resources, and presence in the community. Programs and actions would have associated tangible and measurable or intangible benefits to Cascade either short or long term.</p>

CRITERIA	
1. Threshold Criteria – All Four Threshold Criteria Must First Be Met	
A. Is within Cascade’s Purposes (Mission) and can be implemented through its Powers or the powers of its partner agency/agencies.	Proposals must be within the Purposes spelled out in the 2012 Joint Agreement that was drafted by Members consistent with the Joint Municipal Utilities Services Act in 2011, a.k.a. Cascade’s Mission. Cascade must also be able to implement the proposal by its Powers under the Joint Agreement or as a property owner. If Cascade does not have the power to implement the proposal on its own, it must be able to rely on powers of its partner agency/agencies.
B. Meets one or more Board-adopted Strategic Plan Goals.	Proposals should meet at least one of the six strategic goals: 1. Asset Management: Optimize Cascade’s assets. 2. Water Resources: Ensure flexibility, certainty and resiliency of Cascade’s future drinking water supply. 3. Environmental Stewardship: Protect the natural environment. 4. Regional Leadership: Lead, influence and serve as a convener on regional water-related issues and proactively maintain strong relationships. 5. Good Governance: Provide the most cost-effective services possible. 6. Emerging Issues: Support members in addressing emergent priority issues.
C. Specific drinking water quality benefits to Cascade can be identified.	Proposals must result in a benefit to drinking water quality. The benefits can either be quantifiable or non-quantifiable but must be identified. (Quantification of benefits occurs under Criterion F.)
D. Cascade has staffing capacity to implement the project.	Cascade needs to have the staffing resources to implement the proposal. This might require contracting out staffing needs.
2. Additional Criteria – Proposals that meet the Threshold Criteria must next be evaluated against all applicable Additional Criteria but do not need to meet all Additional Criteria.	
E. Funding is available.	Funding to implement the proposal is available by one or more of the following: <ul style="list-style-type: none"> • Funding to implement the necessary first steps of the proposed action is available in Cascade’s total adopted biennial budget, which may require internal budget transfers; • Funding to implement subsequent steps of the proposed action is likely to be available in future budgets; and/or • Funding to implement the necessary first steps of the proposed action and/or subsequent steps is available through Cascade’s partner agency/agencies.
F. Project is cost-beneficial (benefits exceed costs over the project’s life).	From an economics analysis perspective, the proposal should have a positive net present value (NPV). In addition, the project should be compared to the cost to treat the problem. (The specific types of costs and benefits that will be included is TBD.) Non-water quality

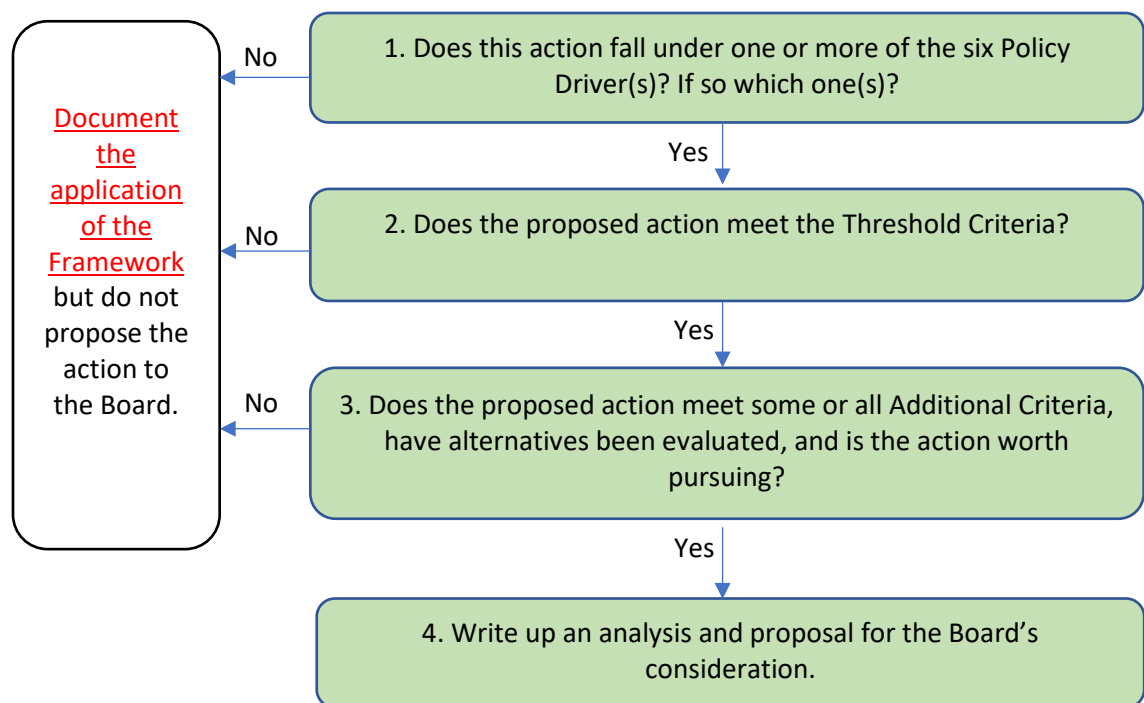
CRITERIA	
	benefits, such as operational efficiency, may be identified but should not be included in the NPV analysis.
G. Ease of implementation.	How easy or difficult a proposal is to implement – beyond funding and staffing capacity – needs to be considered. This may include the level of control Cascade has over the proposal versus dependency on another party.
H. Reduces Cascade’s risk (e.g. legal, regulatory, operational, financial, etc.) or still results in benefits if risk doesn’t materialize.	Risks are lumped together here but can be separated out. This criterion includes both the probability and consequence of the risk. Proposals should demonstrate that benefits will still accrue regardless of whether or not the risk occurs.
I. Maintains or enhances Cascade’s relationships with key stakeholders (e.g. regulators, Tribes, community, other agencies).	Proposals that enhance short-term stakeholder relationships can yield significant long-term benefits, particularly if there are future proposals that require stakeholder support.
J. Maintains or improves public trust (e.g. consumer confidence).	Proposals that improve public confidence in future drinking water quality, even if they don’t reduce future treatment costs, may be beneficial particularly if there are other current and/or future proposals that require stakeholder support.

Cascade Water Alliance Board of Directors
DRINKING WATER QUALITY POLICY FRAMEWORK
Adopted: May 24, 2023

Since the Lake Tapps Reservoir will not be developed for municipal supply for many years, this Policy Framework will guide the decision-making process on which drinking water quality actions Cascade should implement, when to implement them, and how much to invest in each action. This page summarizes the overall Policy Framework process. Pages 2-4 provide specific details on the two main components of the Policy Framework: Policy Drivers and Criteria.

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	<p>3 Cascade's Operational Needs. Improvements, or operations and maintenance practices that are likely to reduce current and/or future costs <u>programs, policies, or other actions that are needed for Cascade to cost-effectively and efficiently operate and maintain the water supply assets of the White River-Lake Tapps Reservoir system.</u></p>
Secondary Drivers	<p>4 Responsibilities of Others that Impact Water Quality. Working with the State, County, Cities and property owners to implement policies, regulations, programs, or practices that benefit the Lake Tapps system water quality. This may include, but not be limited to the following:</p> <ul style="list-style-type: none"> a) Working with other agencies in the implementation of their regulatory obligations. b) Working with other agencies in the development of regulations and policies that benefit water quality. c) Working with other agencies to develop plans and programs that benefit the unique characteristics of the Lake Tapps watershed. d) Working with property owners in assuring compliance with regulatory requirements or agreements.
	<p>5 Partnerships and Funding Opportunities. Water quality benefits derived as a result of partnerships with other agencies, groups, or private parties. Water quality issues may compose all or part of such arrangements and costs and benefits for water quality elements may need to be evaluated as part of all of the elements of such arrangements. Funding opportunities include grants, loans, or other financial considerations that would prioritize an improvement or program that would not otherwise be considered at that time.</p>
	<p>6 Being a Good Community Steward. Programs or actions that would be considered as part of being a neighbor, good steward of resources, and presence in the community. Programs and actions would have associated tangible and measurable or intangible benefits to Cascade either short or long term.</p>

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B. Meets one or more <u>Board-adopted</u> Strategic Plan Goals.	Proposals should meet at least one of the six strategic goals: 1. Asset Management: Optimize Cascade’s assets. 2. Water Resources: Ensure flexibility, certainty and resiliency of Cascade’s future drinking water supply. 3. Environmental Stewardship: Protect the natural environment. 4. Regional Leadership: Lead, influence and serve as a convener on regional water-related issues and proactively maintain strong relationships. 5. Good Governance: Provide the most cost-effective services possible. 6. Emerging Issues: Support members in addressing emergent priority issues.
C. Specific drinking water quality benefits to Cascade can be identified.	Proposals must result in a benefit to drinking water quality. The benefits can either be quantifiable or non-quantifiable but must be identified. <u>(Quantification of benefits occurs under Criterion F.)</u>
D. Cascade has staffing capacity to implement the project.	Cascade needs to have the staffing resources to implement the proposal. This might require contracting out staffing needs.
2. Additional Criteria – Proposals that meet the Threshold Criteria must next be <u>evaluated against all applicable</u> Additional Criteria but do not need to meet all Additional Criteria.	
E. Funding is available.	Funding/budget/cash flow needs to be available. <u>Funding to implement the proposal is available by one or more of the following:</u> <ul style="list-style-type: none"> <u>Funding to implement the necessary first steps of the proposed action is available in Cascade’s total adopted biennial budget, which may require internal budget transfers;</u> <u>Funding to implement subsequent steps of the proposed action is likely to be available in future budgets; and/or</u> <u>Funding to implement the necessary first steps of the proposed action and/or subsequent steps is available through Cascade’s partner agency/agencies.</u>
F. Project is cost-beneficial (benefits exceed costs over the project’s life).	From an economics analysis perspective, the proposal should have a positive net present value <u>(NPV)</u> . In addition, the project should be compared to the cost to treat the problem. (The specific types of costs and benefits that will be included is TBD.) <u>Non-water quality</u>

CRITERIA	
	<u>benefits, such as operational efficiency, may be identified but should not be included in the NPV analysis.</u>
G. Ease of implementation.	How easy or difficult a proposal is to implement – beyond funding and staffing capacity – needs to be considered. This may include the level of control Cascade has over the proposal versus dependency on another party.
H. Reduces Cascade’s risk (e.g. legal, regulatory, operational, financial, etc.) or still results in benefits if risk doesn’t materialize.	Risks are lumped together here but can be separated out. This criterion includes both the probability and consequence of the risk. Proposals should demonstrate that benefits will still accrue regardless of whether or not the risk occurs.
I. Maintains or enhances Cascade’s relationships with key stakeholders (e.g. regulators, Tribes, community, other agencies).	Proposals that enhance short-term stakeholder relationships can yield significant long-term benefits, particularly if there are future proposals that require stakeholder support.
J. Maintains or improves public trust (e.g. consumer confidence).	Proposals that improve public confidence in future drinking water quality, even if they don’t reduce future treatment costs, may be beneficial particularly if there are other current and/or future proposals that require stakeholder support.

AGENDA MEMORANDUM

SUBJECT

Motion to authorize the Chief Executive Officer to implement a pilot project during 2023 that allows homeowner associations and individual homeowners to utilize Cascade's Aquatic Plant and Algae Management general permit when they contract directly with the contract applicator used by Cascade to chemically treat Eurasian Milfoil in the Lake Tapps Reservoir.

BACKGROUND

Each summer, Cascade chemically treats Eurasian Milfoil ("milfoil") in the Lake Tapps Reservoir to control its spread for operational and water quality purposes. The State of Washington Department of Ecology ("Ecology") will only grant Cascade, as the owner of the reservoir, the permit for the application of herbicides in the water. This is done under a five-year Aquatic Plant and Algae Management ("APAM") general permit.

Cascade has an annual milfoil treatment budget (\$150,000 in 2023) and an annual contract with an applicator (Aquatechnex) to treat the most heavily concentrated areas in the reservoir. However, Cascade does not have the budget to treat all impacted areas, such as small patches that affect a limited number of homeowners. Homeowners understand Cascade's budgetary constraints, and at the 2022 community meeting and since then, a number of community members have offered to pay for additional treatment.

In response to the community, Cascade is seeking Board authorization for Cascade to implement a pilot project during 2023. The pilot would allow homeowner associations and individual homeowners to utilize Cascade's APAM general permit and contract directly with Aquatechnex to chemically treat milfoil outside of Cascade's planned treatment area. At this time, one HOA and a number of individuals have expressed strong interest in participating this summer. If the Board approves the 2023 pilot project, the following are its main components.

- **Permitting.** Ecology informed Cascade that having HOAs and individual homeowners contract directly with Cascade's applicator to treat additional areas is allowable under our APAM permit. Ecology requires that Cascade provide information on every parcel treated in our annual year-end report to Ecology.
- **Licensing.** All pilot participants will sign a Cascade license that gives them permission to have chemical treatment performed on Cascade's property (up to elevation 545 feet).
 - The license would release and indemnify Cascade from liability during or after the chemical treatment services.
 - Cascade's licenses routinely require that the licensee have \$1 million liability insurance. However, since Aquatechnex's insurance policy is sufficiently large to cover the insurance requirements for the HOAs and individual homeowners and Aquatechnex would add Cascade as an additional insured, the licenses for the pilot will not include an insurance requirement.
 - Aquatechnex will be responsible for providing participants with the licensing agreements, collecting the signed licenses, and submitting the signed licenses

to Cascade. Aquatechnex will not perform treatment for any participant who has not submitted their signed license.

- Logistics. Aquatechnex will handle all logistics for the pilot including receiving service requests, scheduling the treatment, invoicing and collecting payments, and documenting the information for the Ecology report.

Cascade's role in the pilot will be minimal. Staff will provide the licensing agreements to Aquatechnex, coordinate with Aquatechnex as needed, and collect the information for Ecology's report from Aquatechnex. At the end of the 2023 pilot, staff will work with Aquatechnex to evaluate the pilot and will present the results to the Resource Management Committee and the Board. The evaluation method will be developed before treatment begins.

PROCUREMENT PROCESS

N/A

FISCAL IMPACT

N/A

OPTIONS

1. Adopt a motion authorizing the Chief Executive Officer to implement a pilot project during 2023 that allows homeowner associations and individual homeowners to utilize Cascade's Aquatic Plant and Algae Management general permit when they contract directly with the contract applicator used by Cascade to chemically treat Eurasian Milfoil in the Lake Tapps Reservoir.
2. Do not approve implementation of the milfoil treatment pilot project for 2023 and provide alternate direction to staff.

RECOMMENDED ACTION

Adopt a motion authorizing the Chief Executive Officer to implement a pilot project during 2023 that allows homeowner associations and individual homeowners to utilize Cascade's Aquatic Plant and Algae Management general permit when they contract directly with the contract applicator used by Cascade to chemically treat Eurasian Milfoil in the Lake Tapps Reservoir.

ATTACHMENTS

N/A



EXECUTIVE COMMITTEE

Penny Sweet, Chair, City of Kirkland
Angela Birney, Vice Chair, City of Redmond
Allan Ekberg, Secretary/Treasurer, City of Tukwila

**Meeting Recap
Thursday, May 4, 2023
2:30 PM – 3:00 PM
Held via Microsoft Teams**

1. **Chair Comments.**
2. **Executive Session.**
3. **Items Recommended for Action at the May 9, 2023, Special Board Meeting.**
 - A. **Leave of Absence for Chief Executive Officer.** The Chief Executive Officer (CEO) is requesting a leave of absence to tend to his wife's medical issues. The CEO recommends that Chuck Clarke, Cascade's former CEO, serve as Acting CEO in his absence.

***Recap:** The CEO requested a leave of absence from the Executive Committee to tend to his wife's medical issues. The CEO recommended that Chuck Clarke, Cascade's former CEO, serve as Acting CEO in his absence. The Executive Committee supported taking the CEO's request to the Board via a resolution at a Special Board meeting to be held the following week.*



FINANCE & MANAGEMENT COMMITTEE

Jeralee Anderson, Chair, City of Redmond
Jeremy Barksdale, City of Bellevue
Penny Sweet, City of Kirkland
John Stokes, City of Bellevue
Russell Joe, City of Issaquah

Meeting Recap
Tuesday, March 21, 2023
1:30 PM – 3:00 PM
Held at Cascade's office and via Zoom

Call to Order

1. **Chair Comments.**
2. **Executive Session.**
3. **Items Recommended for Action at the March 22, 2023, Board Meeting**

- A. Planned and Unplanned WSDF Transfers.** The regular annual exercise to determine and authorize transfers to the WSDF. This includes planned and budgeted transfers as adopted by the Board and determination of unplanned transfers under the "shared benefit" principle. The recommended transfer for 2023 is just over \$2.8 million.

***Recap:** The committee was presented with the recommended WSDF transfers that resulted partially from the positive results of 2022. The committee recommended the transfers for the other action agenda this year and indicated that due to the routine nature they may be suitable for the consent agenda in the future.*

4. Discussion Items

- A. Sumner/BNSF White River Restoration Project.** Cascade staff will update the committee on the status of Cascade's negotiations with the City of Sumner and BNSF Railway Company regarding those parties' proposed projects that would alter ownership and operation of Cascade's tailrace property between the Powerhouse and the White River. The briefing will also include an update on the schedule for additional briefings and Board decisions.

***Recap:** Staff provided an overview of the Sumner/BNSF projects, the 2018 Board interests that staff are using to guide negotiations, the Board briefing and decision-making schedule, and the types of agreements/resolutions that will be before the Board for approval. Staff also shared the current status of some of the critical negotiation points, including consideration, liability protections and protection of future operational flexibility.*

5. **Other.** Attached is Cascade's Independent Accountant's Report on Applying Agreed-Upon Procedures for third quarter.
6. **Next Meeting Date and Location.**

The next meeting will be held Tuesday, April 18, 2023, 1:30 p.m. at Cascade's office and via Zoom meeting.



PUBLIC AFFAIRS COMMITTEE

Angela Birney, Chair, City of Redmond
Penny Sweet, City of Kirkland
Ryika Hooshangi, Sammamish Plateau Water
Russell Joe, City of Issaquah

Meeting Recap
Wednesday, April 5, 2023
9:00 AM – 10:00 AM
Held at Cascade's Office and via Zoom

1. **Chair Comments.**
2. **Executive Session.**
3. **Items Recommended for Action at the April 26, 2023, Board Meeting.**

A. Drinking Water Week Recognition. The American Water Works Association (AWWA) and its members celebrate Drinking Water Week each year. Cascade is a member of the AWWA and supports its goal of promoting safe drinking water and recognizing the vital role that water plays in our daily lives. This year's celebration is May 7 – 13. Staff are proposing a Drinking Water Week resolution for the Board in April, along with related activities and promotion through We Need Water and Cascade's partners and members.

***Recap:** The committee recommended Board approval under the **Consent Agenda**.*

4. **Discussion Items.**

A. Legislative Update. Staff will provide an update on bills and activities in the state legislative session.

***Recap:** Diana Carlen, GTH, updated the committee on the status of bills after the April 4 cutoff. The next deadline is April 12 when all bills have to be voted out of the opposite chamber. Notable bills still alive include SSB 5094, preventing utility shutoffs during extreme heat, and SHB 1326, allowing waiver of municipal utility connection charges for certain properties. The House and Senate budgets have also been released so the chambers will be busy negotiating the final budget.*

B. Sponsorships/Community Events Update. Cascade is working on sponsorships and community events for the summer season. This item will update the committee on planning and the status of summer events.

***Recap:** Staff updated the committee on the status of the summer season community events and sponsorships. Everything is on track, and Cascade will be able to be involved in each member community in some way this year.*

- C. Lake Tapps Community Meeting and Four Cities Meeting.** Staff will update the committee on the status of planning for the Lake Tapps Community Meeting as well as the annual Four Cities Meeting.

***Recap:** The Lake Tapps Community Meeting is set for May 10. Cascade partners that have committed to attend are East Pierce Fire and Rescue, Pierce County Parks, Tacoma-Pierce County Health Department, Washington State Department of Fish and Wildlife, and Pierce County Sheriff. Staff are also talking to the Department of Ecology about attending. The Four Cities meeting has not been scheduled but the plan is to calendar that meeting for June or July.*

5. Other Issues.

6. Next Meeting Date and Location.

The next meeting will be Wednesday, May 3, 2023, from 9:00 a.m. – 10:00 a.m. at Cascade's office and via Zoom meeting.

***Recap:** The May 3 meeting of the committee was cancelled.*



SPECIAL RESOURCE MANAGEMENT COMMITTEE

Lloyd Warren, Chair, Sammamish Plateau Water
Penny Sweet, City of Kirkland
Jon Ault, Skyway Water & Sewer District
Allan Ekberg, City of Tukwila
John Stokes, City of Bellevue
Jon Pascal, City of Kirkland
Ryika Hooshangi, Sammamish Plateau Water

Meeting Recap
Wednesday, April 19, 2023
2:00 PM – 3:30 PM
Held at Cascade's office and via Zoom

- 1. Chair Comments.**
- 2. Executive Session.**
- 3. Discussion Items.**
- 4. Items Recommended for Action at the April 26, 2023, Board Meeting.**
 - A. Revised Drinking Water Quality Policy Framework.** Motion to adopt Resolution No. 2023-11 adopting Cascade's Drinking Water Quality Policy Framework.

Recap: Cascade staff presented revisions to the Drinking Water Quality Policy Framework based on the feedback received at the Board's March 29 workshop and subsequent additional feedback from member staff. The Committee suggested making a few more changes and then moving this forward to the Board for review and adoption.
 - B. 2023 Eurasian Milfoil Pilot Project.** Motion to authorize the Chief Executive Officer to implement a pilot project during 2023 that allows homeowner associations and individual homeowners to utilize Cascade's Aquatic Plant and Algae Management general permit when they contract directly with the contract applicator used by Cascade to chemically treat Eurasian Milfoil in the Lake Tapps Reservoir.

Recap: At this time, it appears that one HOA and several individuals will participate in the proposed 2023 pilot. If approved by the Board, pilot participants will contract directly with Cascade's applicator to chemically treat milfoil outside of Cascade's planned treatment areas, under Cascade's permit. Cascade staff will evaluate the pilot and present the results and recommendations to the Committee and Board later in the year. The Committee supported moving this action to the Board for approval.
 - C. Ford House Demolition Contract.** Motion to authorize the Chief Executive Officer to execute a contract with Ryatt Construction for the demolition and asbestos remediation of the Ford property in an amount not to exceed \$70,000.

Recap: Cascade staff discussed the history of the Ford property, the current state of the property and surrounding parcels, the contract procurement process and everything that is involved in the demolition contract with the Committee. After a brief discussion the Committee recommended the contract for the **Consent Agenda**.

5. Next Meeting Date and Location.

The next meeting will be Thursday, May 11, 2023, from 2:00 p.m. – 3:30 p.m. at Cascade's office and via Zoom meeting.



RESOURCE MANAGEMENT COMMITTEE

Lloyd Warren, Chair, Sammamish Plateau Water
Penny Sweet, City of Kirkland
Jon Ault, Skyway Water & Sewer District
Allan Ekberg, City of Tukwila
John Stokes, City of Bellevue
Jon Pascal, City of Kirkland
Ryika Hooshangi, Sammamish Plateau Water

Meeting Recap
Thursday, May 11, 2023
2:00 PM – 3:30 PM
Held at Cascade's office and via Zoom

1. Chair Comments.

2. Executive Session.

3. Discussion Items.

- A. Lake Tapps Community Meeting Update.** Cascade is hosting a Lake Tapps Community meeting on May 10. Cascade's partner agencies around the lake – City of Bonney Lake, Pierce County, East Pierce Fire and Rescue, Tacoma Pierce County Health Department, Department of Ecology and Washington State Fish and Wildlife – will also be in attendance to provide information and answer questions from community members. Staff will update the committee on how the evening went and share feedback and questions that were raised at the meeting.

***Recap:** Cascade staff shared a summary of the Lake Tapps Community meeting. Turnout was strong, with 50-60 in attendance. Questions covered topics such as milfoil, LTCC coordination, lake levels and draw downs.*

4. Items Recommended for Action at the May 24, 2023, Board Meeting.

- A. Revised Drinking Water Quality Policy Framework.** At the April RMC meeting, the Committee reviewed the agenda memo and resolution for the Drinking Water Quality Framework and supported moving to the Board for approval. They also reviewed and provided a few additional changes to the Framework.

***Recap:** Cascade staff shared the final edits to the Policy Framework from the feedback received at the April RMC meeting, and the Committee concurred with the edits.*

- B. Temporary Construction Easement for U.S. Army Corps of Engineers.** Motion to adopt Resolution 2023-10 authorizing the Chief Executive Officer, in consultation with legal counsel to finalize and execute a 5-year temporary construction easement to be granted by Cascade Water Alliance to the U.S. Army Corps of Engineers, related to the Corps' Mud Mountain Dam Fish Passage Project.

Recap: USACE has requested a new 5-year temporary construction easement to be granted by Cascade Water Alliance because the current 5-year temporary construction easement will expire before the USACE has completed the entire Mud Mountain Fish Passage Project. In consideration for the grant of easement, Corps will modify the construction of a new Cascade drainage outlet at the request of Cascade at no additional cost to Cascade. The Committee asked for, and Cascade staff provided, an update on the status of Phase III work. The Committee placed this item on **Consent Agenda**.

- C. Three-Year SCADA/Security Maintenance Contract.** Motion to authorize the Chief Executive Officer to enter into a contract with the highest rated firm by Cascade's Selection Committee to perform routine security equipment maintenance and related services at the White River – Lake Tapps Reservoir project in an amount not-to-exceed \$90,000.

Recap: Staff presented the need to have an on-going maintenance contract for the recently completed SCADA/Security Project. Only one proposal was received for this RFP. It was from Long Building Technologies. Long Building Technologies is the current maintenance contract holder and Cascade is satisfied with their performance. The selection committee is in the process of evaluating the proposal and will make a recommendation to the CEO. The chair asked if there is budget available and how was this contract compared to the previous contract. Staff reported this item was budgeted and that since there were more facilities added to the security and SCADA work, there are more cameras and other equipment to maintain. Therefore, the budget has increased to \$90k. The committee placed this item on **Consent Agenda**.

- D. Valve House Hydraulic Power Unit.** Motion to authorize the Chief Executive Officer to award and execute a contract with Hydra Power Systems Inc (HPS) to fabricate and install a replacement hydraulic power unit and related flow control system components in the Valve House in an amount not-to-exceed \$97,000.

Recap: Staff reported that the central hydraulic power unit (HPU) at Valve House has reached the end of its life, is failing, and needs replacement. Staff solicited three firms that are highly recommended for this work to bid for the work and received only one bid. The responsive bidder is the original designer and manufacturer of the existing HPU and is very familiar with the hydraulic controls system in the Valve House. Staff recommend Board approval of awarding this work to the responsive bidder for an amount not to exceed \$97,000. This item was placed on **Consent Agenda**.

5. Next Meeting Date and Location.

The next meeting will be Thursday, June 8, 2023, from 2:00 p.m. – 3:30 p.m. at Cascade's office and via Zoom meeting.