



REGULAR MEETING OF THE BOARD OF DIRECTORS  
AGENDA  
CASCADE WATER ALLIANCE  
Held via Zoom Meeting  
July 28, 2021  
3:30 PM

|   | <u>Page</u> |
|---|-------------|
| 1. CALL TO ORDER  |             |
| 2. ROLL CALL  |             |
| 3. PUBLIC COMMENT   |             |
| 4. EXECUTIVE SESSION  |             |
| 5. APPROVAL OF AGENDA   |             |
| 6. CHIEF EXECUTIVE OFFICER'S REPORT   | <u>3</u>    |
| 7. CONSENT ITEMS  |             |
| a. Special Board Meeting Minutes for June 30, 2021.   | <u>14</u>   |
| b. Board Meeting Minutes for June 23, 2021.   | <u>34</u>   |
| c. Motion to authorize the Chief Executive Officer to enter into Amendment No. 7 to the Consulting Agreement with HDR Engineering, Inc., to increase the maximum compensation amount by \$150,000, for a total amount not to exceed \$1,068,000.      | <u>37</u>   |
| d. Motion to authorize the Chief Executive Officer to enter into a contract with Johansen Construction Company, Inc., to perform routine maintenance during the flowline outage in an amount not to exceed \$600,000.                                 | <u>39</u>   |
| e. Motion to authorize the Chief Executive Officer to enter into a contract with Kemp West, Inc., to perform vegetation maintenance during the flowline outage in an amount not to exceed \$70,000.   | <u>41</u>   |
| f. Motion to authorize the Chief Executive Officer to enter into a contract with FloHawks to perform cleaning, vactoring, and TV pipeline inspections and to provide portable toilets during the flowline outage in an amount not to exceed \$40,000. | <u>43</u>   |
| g. Motion to authorize the Chief Executive Officer to enter into a contract with Johansen Construction Company, Inc., to perform minor public works activities during the flowline outage in an amount not to exceed \$90,000.                        | <u>45</u>   |

- h. Motion to authorize the Chief Executive Officer to enter into a contract with the Puyallup Tribe of Indians to perform fish recovery activities during the flowline outage in an amount not to exceed \$35,000. 47
  - i. Motion to authorize the Chief Executive Officer to execute purchase agreements for computer hardware and software required for SCADA and Security Improvement Project in an amount not to exceed \$127,000. 49
- 8. OTHER ACTION ITEMS
- a. Motion to adopt Resolution No. 2021-06 approving the amendment of CWAC 2.05.270 and CWAC 2.10.020 to clarify remote participation at Board of Directors' meetings. 51
- 9. STAFF PRESENTATIONS
- 10. COMMITTEE REPORTS
  - a. Executive Committee – *no meeting held.*
  - b. Finance and Management Committee – *no meeting held.*
  - c. Public Affairs Committee – *July 7, 2021.* 53
  - d. Resource Management Committee – *July 8, 2021.* 57
- 11. NEW BUSINESS
- 12. NEXT REGULAR MEETING – *August 25 – to be held at Cascade's Office or via a Zoom meeting – 3:30 p.m.*
- 13. ADJOURN

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



MEMORANDUM

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DATE: July 28, 2021

TO: John Stokes, Chair  
Board of Directors

FROM: Ray Hoffman, Chief Executive Officer

SUBJECT: Chief Executive Officer's Report

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**Administration, Finance, and Economics**

- There have been 638 net RCFC's reported through June 2021, with two Member reports missing. At this rate, Cascade will exceed 2021 budget expectations of 1,000.
- Cascade's financial statements for the years ended December 31, 2020, and 2019 have been posted to Cascade's website and can be found at the following link:  
<https://cascadewater.org/wp-content/uploads/2021/06/2020-1231-Cascade-Water-Alliance-FS.pdf>.
- Clark Nuber, Cascade's outside auditing firm, conducted a review of Cascade's first quarter of 2021 financial transactions in July 2021. The results of the reviews will be reported to the Finance and Management Committee in September.
- The powerhouse re-cabling project began the week of July 12 and will be completed by the end of the month. The re-cabling was necessary to make the new SCADA system and IT system work correctly.
- Cascade has been contacted by a company that builds distributed energy storage near electrical substations about the possibility of a long-term lease of two of Cascade's parcels and staff is assessing whether their project would be possible without disrupting future Cascade needs for the parcels. Cascade staff is always looking for potential revenue opportunities to offset member cost while protecting Cascade assets.

**Capital Projects and Operations**

- Burlington Northern Santa Fe (BNSF) notified Cascade that they have selected a new bridge structure design for the new railroad tracks crossing Cascade's tailrace. This is a welcomed major change to their current 60% design consisting of box culverts. The change is needed to meet Cascade's requirements on tailrace hydraulic capacity. Cascade's staff is working with BNSF on the specifics of this new bridge design.
- The SCADA and Security public works construction contract is progressing well. The contractor is in the initial phase of submitting all the required documents for engineering review and approval, followed by procuring materials and supplies for the project.
- Staff are working with U.S. Army Corps of Engineers (USACE) on Cascade's Headworks-Intake project that was planned to start in October. However, USACE is continuing to experience issues operating their new fish passage facility. If these issues are not resolved in a timely manner, it could impact the timing and potentially delay starting of Phase 3 for at least one year.

- Cascade's annual dam inspection and monitoring report was finalized by Geo Engineers after Cascade staff provided comments on the final draft. An electronic copy was submitted to Washington State Dam Safety Office.
- Due to historical record-breaking heat, Veolia has actively taken precautions to prevent heat stress and accidental fires. These include Fire Watch procedures to ensure no accidental fires when they are performing vegetation management activities.
- Vegetation management on Cascade's most critical areas were completed prior to Fourth of July. Crowd and perimeter fencing was installed to prevent trespassing.

### **Water Efficiency**

- Cascade is hosting weekly summer gardening classes for its residents on a variety of topics, all of which include aspects of smart watering and water efficiency. These classes have been promoted to Cascade member staff.
- Cascade is co-presenting a teacher lab for its Teacher Fellows in July called, "Clean Water Future". This will include participation from Cascade staff on water efficiency projects and many issues surrounding the maintenance of safe, reliable water systems.
- Cascade, through its partner, Tilth Alliance, has been active in July with a variety of gardening and irrigation projects at Kopila Garden in Tukwila and McAuliffe Garden in Kirkland. The extreme heat and drought have created increased interest in drip irrigation systems, which are being emphasized at the project sites.
- Various cities are restarting their festivals and events and have invited Cascade to participate including Issaquah Salmon Days, Skyway Health and Wellness Fair, and the Northwest Flower and Garden Show.
- Cascade is working with the Lake Washington School District to provide water bottles and other conservation materials for an upcoming new teacher orientation event. This will help promote Cascade to new teachers and introduce them to the programs Cascade offers for their benefit.

### **Intergovernmental and Communications**

- Cascade is working with Pierce County Parks staff on an easement agreement for the proposed flume trail. Maintenance and operating terms are near agreement. Cascade is working with Pierce County Parks staff on compensation terms and has requested a meeting with Pierce County Surface Water to discuss potential stormwater outfall retrofits. Outfall retrofits along the flowline would provide a water quality benefit to Cascade. Staff continues to negotiate with Pierce County and updates the Resource Management Committee at each meeting.
- The Lake Tapps Community Meeting was held on June 24. The meeting was entirely virtual and included Lake Tapps partner agencies East Pierce Fire and Rescue, Tacoma Pierce County Health Department, Pierce County Sheriff, Bonney Lake Police, and Pierce County Parks. Questions from the community covered topics such as milfoil, debris in the lake, wake boats and speeding, and timing for municipal water supply. Cascade and its partners are engaging in follow-up with community members whose questions were not fully answered at the meeting. Cascade is also working with East Pierce Fire and Rescue to re-energize the SwimSafe campaign in light of the recent drownings in Lake Tapps.
- Although the state reopened on June 30, the utility shut off moratorium has been extended through September 30. Utilities will be working with the state Department of Commerce to gather data on arrearages to support a budget request for additional assistance for unpaid utility bills. Cascade continues to monitor COVID-19 developments to ensure Cascade's operations and meetings comply with all proclamations and rules.

- At the June 30 Board workshop, Cascade staff presented information on a variety of future supply scenarios and the impacts of the scenarios on rate increases and the Water Supply Development Fund (WSDF). Several Board members expressed an interest in having Cascade present information to their councils and commissions on future supply and the WSDF. Cascade is working with Board members to schedule presentations between now and October.

### **Planning**

- Cascade obtained the necessary permit to perform fish recovery in the upper flowline for its Outage project. The Puyallup Tribe approved our using their scientific permit and will conduct the fish during the first three days of the outage. Cascade staff also completed the environmental review of the outage project and issued a Determination of Nonsignificance (DNS). Public comments on the DNS are due July 21. Staff are working diligently on planning for the project, procuring contractors, and organizing tours for Board members and Alternates.
- Cascade will be performing several maintenance activities in Thompson Ditch this summer, including tree removal and culvert replacement. The permit for this work has been submitted to Pierce County. In addition, staff has drafted letters to homeowners who will be impacted by the work.
- Effective July 6, Cascade's office reopened to the public with modified business hours of Monday-Friday, 9am-4pm. Cascade is complying with Washington State requirements and CDC guidelines to ensure the safety of Cascade staff and visitors.

### **Attachments**

1. Budget to Actual Expenditure Report through June 30, 2021.
2. Statement of Revenues and Expenditures through June 30, 2021.
3. Statement of Net Position as of June 30, 2021.
4. Contract Status Summary.
5. Monthly Warrants Listing.
6. Monthly Treasurer's Report as of June 30, 2021.

Cascade Water Alliance  
Budget to Actual Expenditure Report  
January 1- June 30, 2021  
50% of the year completed

Attachment 1

| <b>Administration</b>  |    | <b>Budget</b> |    | <b>Actual</b> | <b>Balance</b> | <b>% Expended</b> |
|------------------------|----|---------------|----|---------------|----------------|-------------------|
| Salaries               | \$ | 964,231       | \$ | 542,214       | 422,016        | 56.2%             |
| Benefits               |    | 207,486       |    | 152,076       | 55,409         | 73.3%             |
| Wellness program       |    | 5,000         |    | 45            | 4,955          | 0.9%              |
| Prof. Fee (Technical)  |    | 61,400        |    | 40,616        | 20,784         | 66.2%             |
| Prof. Fee (Legal)      |    | 835,000       |    | 416,774       | 418,227        | 49.9%             |
| Prof. Fee (Audit)      |    | 98,600        |    | 57,450        | 41,150         | 58.3%             |
| Prof. Fee (Other)      |    | 100,000       |    | 2,709         | 97,291         | 2.7%              |
| Seismic Resiliency     |    | 190,000       |    | 81,838        | 108,162        | 43.1%             |
| Meetings Expense       |    | 11,000        |    | 1,484         | 9,516          | 13.5%             |
| Telephone/Internet     |    | 37,000        |    | 24,448        | 12,552         | 66.1%             |
| Office Rent            |    | 235,288       |    | 131,523       | 103,765        | 55.9%             |
| Office Supplies Admin. |    | 20,000        |    | 3,137         | 16,863         | 15.7%             |
| Equip. and Furniture   |    | 10,000        |    | 2,999         | 7,001          | 30.0%             |
| Bank Fees              |    | 600           |    | 178           | 422            | 29.7%             |
| Dues & Subscriptions   |    | 50,000        |    | 15,040        | 34,960         | 30.1%             |
| Taxes/Licenses         |    | 16,000        |    | 9,114         | 6,886          | 57.0%             |
| Travel                 |    | 12,000        |    | 432           | 11,568         | 3.6%              |
| Professional Dev.      |    | 30,000        |    | 4,300         | 25,700         | 14.3%             |
| Computer Equipment     |    | 25,000        |    | 9,787         | 15,213         | 39.1%             |
| Software Licenses      |    | 38,000        |    | 9,260         | 28,740         | 24.4%             |
| Postage & Delivery     |    | 3,000         |    | 399           | 2,601          | 13.3%             |
| Printing & Repro.      |    | 10,000        |    | 0             | 10,000         | 0.0%              |
| Insurance              |    | 129,091       |    | 112,434       | 16,656         | 87.1%             |
| Contingency            |    | 133,600       |    | 0             | 133,600        | 0.0%              |
| Total                  | \$ | 3,222,295     | \$ | 1,618,259     | \$ 1,604,036   | 50.2%             |

| <b>Debt Service</b> |    | <b>Budget</b> |    | <b>Actual</b> | <b>Balance</b> | <b>% Expended</b> |
|---------------------|----|---------------|----|---------------|----------------|-------------------|
| Bond Debt Service   |    | 9,787,231     |    | 4,962,098     | 4,825,134      | 50.7%             |
| Total               | \$ | 9,787,231     | \$ | 4,962,098     | \$ 4,825,134   | 50.7%             |

| <b>Conservation</b>   |    | <b>Budget</b> |    | <b>Actual</b> | <b>Balance</b> | <b>% Expended</b> |
|-----------------------|----|---------------|----|---------------|----------------|-------------------|
| Salaries              | \$ | 163,559       | \$ | 49,975        | \$ 113,584     | 30.6%             |
| Benefits              |    | 44,062        |    | 13,166        | 30,896         | 29.9%             |
| Prof. Fee (Technical) |    | 15,000        |    | 9,375         | 5,625          | 62.5%             |
| Rebate Reimb. Com.    |    | 95,000        |    | 15,400        | 79,600         | 16.2%             |
| Irrigation Audit      |    | 20,500        |    | 0             | 20,500         | 0.0%              |
| Comm. and Public I    |    | 304,350       |    | 94,573        | 209,777        | 31.1%             |
| Misc. Serv. and Sup.  |    | 84,400        |    | 7,487         | 76,913         | 8.9%              |
| Total                 | \$ | 726,871       | \$ | 189,975       | \$ 536,896     | 26.1%             |

| <b>Com. and Intergovern</b> |    | <b>Budget</b> |    | <b>Actual</b> | <b>Balance</b> | <b>% Expended</b> |
|-----------------------------|----|---------------|----|---------------|----------------|-------------------|
| Salaries                    | \$ | 138,930       | \$ | 64,246        | \$ 74,683      | 46.2%             |
| Benefits                    |    | 31,231        |    | 15,883        | 15,348         | 50.9%             |
| Prof. Fee (Technical)       |    | 15,000        |    | 5,190         | 9,810          | 34.6%             |
| Prof. Fee (Other)           |    | 155,250       |    | 82,115        | 73,135         | 52.9%             |
| Sponsorships                |    | 30,000        |    | 9,975         | 20,025         | 33.3%             |
| Comm. and Public I          |    | 280,000       |    | 106,354       | 173,646        | 38.0%             |
| Total                       | \$ | 650,411       | \$ | 283,763       | \$ 366,647     | 43.6%             |

Cascade Water Alliance  
Budget to Actual Expenditure Report  
January 1- June 30, 2021  
50% of the year completed

Attachment 1

| <b>Operations-General</b> | <b>Budget</b>        | <b>Actual</b>        | <b>Balance</b>       | <b>% Expended</b> |
|---------------------------|----------------------|----------------------|----------------------|-------------------|
| Wholesale Water           | \$ 21,351,878        | \$ 11,316,496        | \$ 10,035,382        | 53.0%             |
| Salaries                  | 21,405               | 10,828               | 10,577               | 50.6%             |
| Benefits                  | 4,058                | 2,705                | 1,353                | 66.7%             |
| BIP O&M                   | 30,000               | 1,986                | 28,014               | 6.6%              |
| Pipeline Prop. O&M        | 35,000               | 1,226                | 33,774               | 3.5%              |
| PWTF Loan Debt            | 40,658               | 40,461               | 197                  | 99.5%             |
| <b>Total</b>              | <b>\$ 21,482,998</b> | <b>\$ 11,373,702</b> | <b>\$ 10,109,297</b> | <b>52.9%</b>      |

| <b>Operations-Lake Tapps</b> | <b>Budget</b>       | <b>Actual</b>       | <b>Balance</b>      | <b>% Expended</b> |
|------------------------------|---------------------|---------------------|---------------------|-------------------|
| Salaries                     | \$ 494,465          | \$ 179,033          | \$ 315,432          | 36.2%             |
| Benefits                     | 97,447              | 46,960              | 50,487              | 48.2%             |
| Prof. Fee (Technical)        | 708,600             | 114,469             | 594,131             | 16.2%             |
| Prof. Fee (Other)            | 50,000              | 0                   | 50,000              | 0.0%              |
| Meetings Expense             | 4,000               | 434                 | 3,566               | 10.8%             |
| Telephone/Internet           | 1,500               | 353                 | 1,148               | 23.5%             |
| Office Supplies              | 18,600              | 3,900               | 14,700              | 21.0%             |
| Equipment & Furn.            | 27,500              | 6,679               | 20,821              | 24.3%             |
| Taxes/Licenses               | 7,000               | 6,285               | 715                 | 89.8%             |
| Travel                       | 16,000              | 6,103               | 9,897               | 38.1%             |
| Professional Dev.            | 2,000               | 0                   | 2,000               | 0.0%              |
| Software Licenses            | 15,000              | 1,756               | 13,244              | 11.7%             |
| Permitting Costs             | 7,000               | 3,241               | 3,759               | 46.3%             |
| Misc. Serv. and Sup.         | 44,500              | 17,321              | 27,179              | 38.9%             |
| LT Operator                  | 2,180,699           | 827,519             | 1,353,180           | 37.9%             |
| Unplanned O&M                | 55,000              | 4,866               | 50,134              | 8.8%              |
| Misc. Facility Repairs       | 40,000              | 656                 | 39,344              | 1.6%              |
| USGS Joint Fund              | 327,000             | 0                   | 327,000             | 0.0%              |
| Construction Management      | 100,000             | 0                   | 100,000             | 0.0%              |
| Outage                       | 600,000             | 0                   | 600,000             | 0.0%              |
| Milfoil Control              | 165,000             | 3,461               | 161,539             | 2.1%              |
| Vendor Services              | 35,000              | 4,236               | 30,764              | 12.1%             |
| Water Quality Management     | 150,000             | 45,451              | 104,549             | 30.3%             |
| Dike Repairs and Maintenance | 20,000              | 1,327               | 18,673              | 6.6%              |
| <b>Total</b>                 | <b>\$ 5,166,311</b> | <b>\$ 1,274,050</b> | <b>\$ 3,769,040</b> | <b>24.7%</b>      |

**Total Operating Budget**                      **\$ 41,036,118**    **\$ 19,701,846**    **\$ 21,211,049**                      **48.0%**

| <b>Capital Projects (multi-yr bdgt not shown)</b> | <b>Budget</b> | <b>Actual</b> | <b>Balance</b> | <b>% Expended</b> |
|---|---------------|---------------|----------------|-------------------|
| Upper Conveyance Projects                         | \$ 1,094,000  | 132,021       | 961,979        | 12.1%             |
| Meters  | 50,000        | 0             | 50,000         | 0.0%              |
| Equipment   | 20,000        | 17,002        | 2,998          | 85.0%             |
| Security and SCADA                                | 1,500,000     | 66,012        | 1,433,988      | 4.4%              |
| Tacoma Agreement                                  | 5,858,297     | 5,858,297     | 0              | 100.0%            |
| Capital Risk                                      | 480,000       | 0             | 480,000        | 0.0%              |
| IT Infrastructure                                 | 25,000        | 7,626         | 17,374         | 30.5%             |

**Total CIP Budget**                      **\$ 9,027,297**    **\$ 6,080,957**    **\$ 2,946,340**                      **67.4%**

**Total Overall Budget**                      **\$ 50,063,415**    **\$ 25,782,804**                      **24,280,611**                      **51.5%**

Cascade Water Alliance  
Statement of Revenues and Expenditures  
From 1/1/2021 Through 6/30/2021

Attachment 2

|   |                    |
|---|--------------------|
| Operating Revenue                           |                    |
| Water sales                                 | \$ 17,340,615      |
| Administrative dues                         | 3,382,456          |
| Conservation program                        | 331,700            |
| Total Operating Revenue                     | <u>21,054,771</u>  |
| Operating Expenses                          |                    |
| Cost of water sold                          | 8,540,752          |
| Salaries and benefits                       | 1,142,802          |
| Professional services                       | 811,436            |
| Conservation program                        | 15,400             |
| Depreciation and amortization               | 1,723,916          |
| Communication and public information        | 167,449            |
| Office expenses                             | 197,314            |
| Operations                                  | 956,719            |
| Bank charges                                | 178                |
| Rent  | 112,734            |
| Maintenance                                 | 62,326             |
| Dues and subscriptions                      | 25,062             |
| Miscellaneous                               | 9,903              |
| Total Operating Expenses                    | <u>13,765,991</u>  |
| Operating Income                            | 7,288,780          |
| Non-Operating Revenue (Expenses)            |                    |
| Interest income                             | 298,899            |
| Other income                                | 23,407             |
| Interest expense, net of amount capitalized | (2,191,334)        |
| Total Non-Operating Revenue (Expenses)      | <u>(1,869,028)</u> |
| Capital Contributions                       |                    |
| Regional Capital Facilities Charges         | 2,508,380          |
| Increase in Net Assets                      | 7,928,132          |
| Net Assets, Beginning of Year               | 107,818,205        |
| Net Assets, End of Year                     | \$ 115,746,338     |

Cascade Water Alliance  
Statement of Net Position  
As of 6/30/2021

Attachment 3

Assets

Current Assets

|                           |                   |
|---------------------------|-------------------|
| Cash and cash equivalents | \$ 20,545,977     |
| Accounts receivable       | 11,096,010        |
| Prepaid expenses          | 76,882            |
| Total Current Assets      | <u>31,718,869</u> |

Capital Assets

|  |                    |
|--|--------------------|
| Equipment and furniture                        | 1,992,730          |
| Seattle water contract                         | 22,267,611         |
| Bellevue Issaquah pipeline                     | 22,276,944         |
| Tacoma water contract                          | 119,740,687        |
| Less accumulated depreciation and amortization | (48,948,245)       |
| Total Capital Assets                           | <u>117,329,727</u> |

Projects in process and assets not yet in service

|   |                    |
|---|--------------------|
| Lake Tapps  | 103,164,344        |
| Tacoma Cascade pipeline                                 | 26,539,385         |
| Total Projects in process and assets not yet in service | <u>129,703,729</u> |

Restricted cash and cash equivalents

|                                      |            |
|--------------------------------------|------------|
| Restricted cash and cash equivalents | 19,549,487 |
|--------------------------------------|------------|

|              |                           |
|--------------|---------------------------|
| Total Assets | <u><u>298,301,813</u></u> |
|--------------|---------------------------|

Liabilities

Current liabilities

|                                      |                   |
|--------------------------------------|-------------------|
| Payables and accrued liabilities     | 542,174           |
| Retroactive water credit             | 1,806,104         |
| Accrued interest                     | 1,317,446         |
| Long-term debt current portion       |                   |
| Bonds Payable-Current Portion        | 6,625,000         |
| Other                                | 39,474            |
| Total Long-term debt current portion | <u>6,664,474</u>  |
| Total Current liabilities            | <u>10,330,198</u> |

Long-term Liabilities

|                                   |                    |
|-----------------------------------|--------------------|
| Long-term debt                    | 95,298,422         |
| Tacoma contract                   | 65,967,545         |
| Seattle contract                  | 5,000,000          |
| Bond premium, net of amortization | 5,861,606          |
| Total Long-term Liabilities       | <u>172,127,572</u> |
| Total Liabilities                 | <u>182,457,770</u> |

Net Assets

|                             |                    |
|-----------------------------|--------------------|
| Restricted for debt service | 86,257,272         |
| Unrestricted                | 29,586,771         |
| Total Net Assets            | <u>115,844,043</u> |

|                                |                              |
|--------------------------------|------------------------------|
| Total Liabilities & Net Assets | <u><u>\$ 298,301,813</u></u> |
|--------------------------------|------------------------------|

# Consultant 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 |
| Access Telephone Solutions        | 1               | Lake Tapps Phones                      | C. Paulucci     | 5/25/2021      | 8/31/2021  | 7/15/2021   | 50%                    | \$ 15,253                  | \$ 7,626        | 50%              | \$ 7,627         |
| Access Telephone Solutions        | 2               | Powerhouse Cabling                     | C. Paulucci     | 6/8/2021       | 8/31/2021  | 7/15/2021   | 50%                    | \$ 15,170                  | \$ 7,585        | 50%              | \$ 7,585         |
| Aquatechnex                       | 1               | Aquatic Plant Management               | J. Shimada      | 7/7/2021       | N/A        | 7/15/2021   | 10%                    | \$ 33,850                  | \$ -            | 0%               | \$ 33,850        |
| Clark Nuber                       | 1               | Financial Audit                        | R. Hoffman      | 1/1/2021       | N/A        | 7/15/2021   | 95%                    | \$ 63,500                  | \$ 57,450       | 90%              | \$ 6,050         |
| Colehour and Cohen                | 1               | Staffing for classes and events        | M. Brent        | 1/1/2021       | 12/31/2020 | 7/15/2021   | 20%                    | \$ 89,990                  | \$ 13,863       | 15%              | \$ 76,127        |
| David Evans                       | 1               | On-call Land Surveyor                  | H. Chen         | 1/1/2021       | 12/31/2021 | 7/15/2021   | 30%                    | \$ 75,000                  | \$ 20,665       | 28%              | \$ 54,335        |
| David McGrath                     | 1               | Irrigation Efficiency Assistance       | M. Brent        | 1/1/2021       | 12/31/2021 | 7/15/2021   | 10%                    | \$ 20,500                  | \$ -            | 0%               | \$ 20,500        |
| Enrironmental Science Assoc (ESA) | 1               | Aquatic Plant Management               | H. Chen         | 1/1/2021       | 12/31/2021 | 7/15/2021   | 10%                    | \$ 24,900                  | \$ 3,461        | 14%              | \$ 21,439        |
| GeoEngineers Inc.                 | 1               | Dam Engineering/Hydrology/Geotech      | H. Chen         | 1/1/2021       | 12/31/2021 | 7/15/2021   | 12%                    | \$ 150,000                 | \$ 14,167       | 9%               | \$ 135,833       |
| Gordon Thomas Honeywell           | 1               | State legislative outreach             | A. Bennett      | 1/1/2021       | 12/31/2021 | 7/15/2021   | 36%                    | \$ 84,000                  | \$ 36,000       | 43%              | \$ 48,000        |
| Herrera Environmental             | 2               | WQ Monitoring Program                  | H. Chen         | 8/19/2019      | N/A        | 7/15/2021   | 80%                    | \$ 495,000                 | \$ 394,560      | 80%              | \$ 100,440       |
| HDR                               | 1               | MMD Fish Passage Design Review         | H. Chen         | 12/1/2015      | N/A        | 7/15/2021   | 95%                    | \$ 918,000                 | \$ 917,963      | 100%             | \$ 37            |
| HDR                               | 2               | Conservation Plan Potential Assessment | M. Brent        |                |            | 7/15/2021   |                        | \$ 18,900                  | \$ 900          | 5%               | \$ 18,000        |
| Jennergy                          | 1               | Website assistance                     | A. Bennett      | 1/1/2021       | 12/31/2021 | 7/15/2021   | 30%                    | \$ 15,000                  | \$ 5,190        | 35%              | \$ 9,810         |
| Johansen Excavating               | 1               | Emergency Headgate Repair              | H. Chen         | 5/5/2021       | N/A        | 7/15/2021   | 10%                    | \$ 100,947                 | \$ -            | 0%               | \$ 100,947       |
| Langton Spieth                    | 1               | Community relations                    | A. Bennett      | 1/1/2021       | 12/31/2021 | 7/15/2021   | 42%                    | \$ 72,000                  | \$ 36,000       | 50%              | \$ 36,000        |
| Long Building Tech                | 1               | Security Maintenance                   | H. Chen         | 8/12/2019      | 8/31/2021  | 7/15/2021   | 80%                    | \$ 55,000                  | \$ 48,350       | 88%              | \$ 6,650         |
| MM Comfort Systems                | 1               | Admin Building heat pump               | J. Mickelson    | 1/22/2021      | N/A        | 7/15/2021   | 25%                    | \$ 17,779                  | \$ -            | 0%               | \$ 17,779        |
| Nature Vision                     | 1               | Classroom Water Education              | M. Brent        | 1/1/2021       | 12/31/2021 | 7/15/2021   | 35%                    | \$ 95,000                  | \$ 41,118       | 43%              | \$ 53,882        |
| Pacifica Law                      | 1               | Legal Assistance                       | H. Chen         | 1/1/2021       | 12/31/2021 | 7/15/2021   | 12%                    | \$ 25,000                  | \$ -            | 0%               | \$ 25,000        |
| Parametrix                        | 1               | On Call Civ/Mech/Structural Eng        | H. Chen         | 1/1/2021       | 12/31/2021 | 7/15/2021   | 25%                    | \$ 100,000                 | \$ 24,341       | 24%              | \$ 75,659        |
| Production Post                   | 1               | WeNeedWater Video Production           | A. Bennett      | 1/1/2021       | 12/31/2021 | 7/15/2021   | 35%                    | \$ 24,500                  | \$ 9,000        | 37%              | \$ 15,500        |
| Puget Sound Energy                | 1               | Water Efficiency Rebates               | M. Brent        | 1/1/2021       | 12/31/2021 | 7/15/2021   | 20%                    | \$ 95,000                  | \$ 15,400       | 16%              | \$ 79,600        |
| RH2                               | 2               | On-Call Electrical Engineering Svcs    | H. Chen         | 1/1/2021       | 12/31/2021 | 7/15/2021   | 12%                    | \$ 100,000                 | \$ 20,535       | 21%              | \$ 79,465        |
| RH2                               | 1               | Security and SCADA                     | H. Chen         | 1/16/2020      | N/A        | 7/15/2021   | 12%                    | \$ 347,000                 | \$ 225,108      | 65%              | \$ 121,892       |
| RH2                               | 3               | Wholesale Master Meter Eval            | H. Chen         | 1/21/2020      | 3/31/2023  | 7/15/2021   | 12%                    | \$ 24,500                  | \$ -            | 0%               | \$ 24,500        |
| Robinson Noble                    | 1               | Water Audits                           | E. Cebren       | 10/3/2019      | N/A        | 7/15/2021   | 12%                    | \$ 135,060                 | \$ 51,736       | 38%              | \$ 83,324        |
| Sazan                             | 2               | Solar Power Project                    | M. Brent        | 5/25/2021      | N/A        | 7/15/2021   | 5%                     | \$ 10,000                  | \$ -            | 0%               | \$ 10,000        |
| SC Words & Pictures Inc.          | 1               | Design Services                        | A. Bennett      | 1/1/2021       | 12/31/2021 | 7/15/2021   | 20%                    | \$ 24,000                  | \$ 3,915        | 16%              | \$ 20,085        |
| Seattle Public Utilities          | 1               | Garden Hotline                         | M. Brent        | 1/1/2021       | 12/31/2021 | 7/15/2021   | 30%                    | \$ 11,000                  | \$ 2,875        | 26%              | \$ 8,125         |
| SMC Consulting                    | 1               | Water Efficiency Consultant            | M. Brent        | 1/1/2021       | 12/31/2021 | 7/15/2021   | 35%                    | \$ 24,500                  | \$ 9,375        | 38%              | \$ 15,125        |
| Source Electric LLC               | 1               | SCADA Improvements Project             | H. Chen         | 5/1/2021       | 2/1/2022   | 7/15/2021   | 0%                     | \$ 711,892                 | \$ -            | 0%               | \$ 711,892       |
| Sustainable Water                 | 1               | Teacher Fellows program                | M. Brent        | 1/1/2021       | 12/31/2021 | 7/15/2021   | 25%                    | \$ 60,000                  | \$ 21,035       | 35%              | \$ 38,966        |
| Tacoma-Pierce County              | 1               | LakeWise                               | A. Bennett      | 1/1/2021       | 12/31/2021 | 7/15/2021   | 25%                    | \$ 120,000                 | \$ 49,522       | 41%              | \$ 70,478        |
| TeamLogic IT                      | 1               | Info Technology Consulting             | C. Paulucci     | 1/1/2021       | 12/31/2021 | 7/15/2021   | 35%                    | \$ 92,400                  | \$ 41,036       | 44%              | \$ 51,364        |
| TechniArt                         | 1               | Website Orders                         | M. Brent        | 1/1/2021       | 12/31/2021 | 7/15/2021   | 12%                    | \$ 15,900                  | \$ 1,766        | 11%              | \$ 14,134        |
| Tetra Tech                        | 1               | AWIA Risk and Resiliency               | M. Thung        | 11/18/2019     | 12/31/2020 | 7/15/2021   | 60%                    | \$ 700,000                 | \$ 422,427      | 60%              | \$ 277,573       |
| Tilth Association                 | 1               | Garden Water Efficiency                | M. Brent        | 1/1/2021       | 12/31/2021 | 7/15/2021   | 35%                    | \$ 24,500                  | \$ 7,733        | 32%              | \$ 16,767        |
| United Rentals                    | 1               | Scissor Lift Purchase                  | H. Chen         | 12/3/2021      | N/A        | 7/15/2021   | 95%                    | \$ 17,000                  | \$ 17,000       | 100%             | \$ -             |
| USGS                              | 1               | Joint Funding Agre-Streamgaging        | M. Gagliardo    | 1/1/2021       | 12/31/2021 | 7/15/2021   | 12%                    | \$ 327,000                 | \$ -            | 0%               | \$ 327,000       |
| Van Ness Feldman                  | 1               | General Counsel                        | C. Paulucci     | 1/1/2021       | 12/31/2021 | 7/15/2021   | 45%                    | \$ 800,000                 | \$ 416,774      | 52%              | \$ 383,227       |

|                                     |                               |  |                        |                       |                 |                    |                               |  |                        |                         |                         |
|-------------------------------------|-------------------------------|--|------------------------|-----------------------|-----------------|--------------------|-------------------------------|--|------------------------|-------------------------|-------------------------|
| Vanir Construction Management, Inc. | 1                             | On-call Construction Management  | J. Shimada             | 5/1/2021              | 12/31/2022      | 7/15/2021          | 5%                            | \$ 560,000                                   | \$ -                   | 0%                      | \$ 560,000              |
| Veolia                              | 1                             | White River-Lake Tapps Reservoir Project Operations and Maintenance Agreement \$1,966,709 Fixed, \$213,990 Var | J. Shimada             | 1/1/2021              | 12/31/2021      | 7/15/2021          | 40%                           | \$ 2,180,699                                 | \$ 840,875             | 39%                     | \$ 1,339,824            |
| Washington Crane and Hoist          | 1                             | Fish Screen Inspection   | J. Shimada             | 2/1/2021              | N/A             | 7/15/2021          | 95%                           | \$ 1,950                                     |                        | 0%                      | \$ 1,950                |
| Winterbauer and Diamond             | 1                             | Legal Assistance   | R. Hoffman             | 1/1/2021              | 12/31/2021      | 7/15/2021          | 12%                           | \$ 20,000                                    | \$ -                   | 0%                      | \$ 20,000               |
| <b>Closed Contracts</b>             |                               |  |                        |                       |                 |                    |                               |  |                        |                         |                         |
| <b>Vendor</b>                       | <b>Closed contract number</b> | <b>Contract title</b>  | <b>Cascade manager</b> | <b>Effective Date</b> | <b>End date</b> | <b>Status date</b> | <b>Percent work completed</b> | <b>Contract amount, including amendments</b> | <b>Amount invoiced</b> | <b>Percent invoiced</b> | <b>Contract balance</b> |
| Lake Tapps Construction             | 1                             | Valve House Improvements   | H. Chen                | 12/2/2020             | N/A             | 7/15/2021          | 100%                          | \$ 30,978                                    | \$ 30,978              | 100%                    | \$ -                    |
| HDR                                 | 5                             | Water Forum Consulting   | R. Hoffman             | 3/10/2015             | N/A             | 7/15/2021          | 90%                           | \$ 38,323                                    | \$ 29,981              | 78%                     | \$ 8,342                |
| Sazan                               | 1                             | Solor Feasibility Study  | M. Brent               | 8/3/2020              | N/A             | 7/15/2021          | 12%                           | \$ 50,000                                    | \$ 50,000              | 100%                    | \$ -                    |

# Payment Authorization Warrants and Wire Transfers 7/28/21

Attachment 5

## WHOLESALE WATER

|      |                               |                       |
|------|-------------------------------|-----------------------|
| WIRE | Seattle Contract Payment 7/21 | \$2,775,744.00        |
|      |                               | <u>\$2,775,744.00</u> |

## CONSULTANTS

|       |  |                    |
|-------|--|--------------------|
| 29237 | Tacoma Pierce County Health Department | \$8,824.40         |
| 29239 | Van Ness Feldman, LLP                  | \$72,880.50        |
| 29244 | City of Bellevue                       | \$91,257.52        |
| 29250 | Herrera                                | \$6,868.14         |
| 29253 | Jennergy                               | \$1,000.00         |
| 29255 | Pace Engineers, Inc.                   | \$1,920.50         |
| 29257 | Robinson Noble                         | \$5,141.00         |
| 29258 | Sammamish Plateau Water & Sewer Distr  | \$750.58           |
| 29260 | Tacoma Pierce County Health Department | \$12,199.04        |
| 29261 | TeamLogic IT of Bellevue, WA           | \$5,552.32         |
| 29265 | Clark Nuber P.S.                       | \$7,300.00         |
| 29269 | Environmental Science Associates (ESA) | \$1,959.75         |
| 29270 | Gordon Thomas Honeywell Govern. Affair | \$7,000.00         |
| 29273 | Perfomance Dimensions Group            | \$2,275.00         |
| 29275 | RH2 Engineering, Inc.                  | \$9,197.01         |
| 29276 | SMC Consulting LLC                     | \$1,650.00         |
| 29284 | HDR                                    | \$899.97           |
| 29286 | Langton/Spieth                         | \$6,000.00         |
| 29289 | Van Ness Feldman, LLP                  | <u>\$67,006.00</u> |
|       |  | \$309,681.73       |

## SALARY, BENEFITS AND EXPENSE REIMBURSEMENTS

|       |                            |                |
|-------|----------------------------|----------------|
|       | Payroll (June)             | \$114,592.69   |
| 29241 | Vantagepoint 401 Plan      | \$32,122.42    |
| 29242 | Vantagepoint 457 Plan      | \$19,616.06    |
| 29243 | AWC Employee Benefit Trust | \$18,248.70    |
| 29247 | BenefitMall, Inc.          | \$72.00        |
| 29251 | HRA VEBa Trust             | \$1,078.00     |
| 29268 | Joseph Mickelson           | \$1,010.81     |
| 29283 | Jay Evans                  | <u>\$14.00</u> |
|       |                            | \$186,754.68   |

## CONSTRUCTION

|       |                       |                   |
|-------|-----------------------|-------------------|
| 29240 | RH2 Engineering, Inc. | \$1,560.65        |
| 29263 | RH2 Engineering, Inc. | <u>\$9,488.17</u> |
|       |                       | \$11,048.82       |

## SPONSORSHIPS

|       |                               |                   |
|-------|-------------------------------|-------------------|
| 29254 | Kirkland Downtown Association | <u>\$2,500.00</u> |
|       |                               | \$2,500.00        |

## GENERAL

|       |                                      |                   |
|-------|--------------------------------------|-------------------|
| 29231 | CIT                                  | \$1,947.17        |
| 29233 | Comcast                              | \$1,652.40        |
| 29234 | Covington Water District             | \$46.50           |
| 29235 | DIRECTV                              | \$95.24           |
| 29236 | JR Mailing Services, Inc.            | \$2,353.13        |
| 29238 | U.S. BANK                            | \$2,141.80        |
| 29246 | Comcast                              | \$516.64          |
| 29252 | Janice Thomas                        | \$150.00          |
| 29264 | AT&T FirstNet                        | \$405.94          |
| 29266 | Comcast                              | \$552.13          |
| 29272 | Pacific Office Automation            | \$330.35          |
| 29277 | Utilities Underground Location Cente | \$19.35           |
| 29278 | Verizon Wireless                     | \$225.05          |
| 29279 | Washington State Department of Re    | \$1,044.44        |
| 29281 | CIT                                  | \$1,947.17        |
| 29285 | Lakemont Business Services Inc.      | \$244.00          |
| 29288 | U.S. BANK                            | <u>\$4,848.79</u> |
|       |                                      | \$18,520.10       |

## CONSERVATION

|       |                            |                   |
|-------|----------------------------|-------------------|
| 29232 | Colehour and Cohen         | \$3,667.32        |
| 29259 | Sustainability Ambassadors | \$7,330.50        |
| 29262 | Techniart C S D            | \$343.75          |
| 29287 | Nature Vision, Inc.        | <u>\$5,020.00</u> |
|       |                            | \$16,361.57       |

## COMPUTER EQUIPMENT AND SOFTWARE

|       |                                  |                   |
|-------|----------------------------------|-------------------|
| 29230 | Access Telephone Solutions, Inc. | \$6,891.42        |
| 29274 | ProcureIT USA                    | <u>\$2,966.56</u> |
|       |                                  | \$9,857.98        |

## LAKE TAPPS

|       |                           |                 |
|-------|---------------------------|-----------------|
| 29245 | Brett A. Karhu            | \$280.00        |
| 29248 | Corliss Resources         | \$311.43        |
| 29249 | Curtis G. Filleau         | \$280.00        |
| 29256 | Praxair Distribution Inc. | \$253.48        |
| 29267 | Curtis G. Filleau         | \$350.00        |
| 29271 | Honey Bucket              | \$163.85        |
| 29280 | Brett A. Karhu            | \$210.00        |
| 29282 | Curtis G. Filleau         | <u>\$350.00</u> |
|       |                           | \$2,198.76      |

## DESTROYED AND VOIDED CHECKS:

|  |                       |
|--|-----------------------|
| Total Warrants   | \$556,923.64          |
| Total Wires  | \$2,775,744.00        |
| Total warrants/wire transfers authorized for July 2021 | <u>\$3,332,667.64</u> |

Approved: \_\_\_\_\_ Date: \_\_\_\_\_  
Edward Cebon, Chief Economist/Treasurer

Approved: \_\_\_\_\_ Date: \_\_\_\_\_  
Angela Birney, Secretary/Treasurer

**Cascade Water Alliance  
Monthly Treasurer's Report  
June 2021**

|  | Operating Fund       | Construction Fund   | Bond Fund            | RCFC Fund           | Rate Stabilization Fund | US Bank Payroll Account | All Funds            |
|--|----------------------|---------------------|----------------------|---------------------|-------------------------|-------------------------|----------------------|
| <b>Beginning Balances, June 1</b>              | <b>\$ 14,395,618</b> | <b>\$ 6,667,599</b> | <b>\$ 12,373,239</b> | <b>\$ 4,316,519</b> | <b>\$ 2,128,318</b>     | <b>\$ -</b>             | <b>\$ 39,881,293</b> |
| <b>Additions:</b>                              |                      |                     |                      |                     |                         |                         |                      |
| Cash received                                  | \$ 5,647,369         | \$ 3,426            | \$ 4,657             | \$ 1,955            | \$ 1,093                | \$ -                    | \$ 5,658,500         |
| Transfers from other Cascade funds             | \$ -                 | \$ -                | \$ -                 | \$ -                | \$ -                    | \$ 115,997              | \$ 115,997           |
| <b>Total additions</b>                         | <b>\$ 5,647,369</b>  | <b>\$ 3,426</b>     | <b>\$ 4,657</b>      | <b>\$ 1,955</b>     | <b>\$ 1,093</b>         | <b>\$ 115,997</b>       | <b>\$ 5,774,497</b>  |
| <b>Subtractions:</b>                           |                      |                     |                      |                     |                         |                         |                      |
| Bank fees, payroll, and bond payments          | \$ 401               | \$ 165              | \$ 615               | \$ 94               | \$ 53                   | \$ 115,997              | \$ 117,324           |
| Warrants paid                                  | \$ 459,839           | \$ 15,350           | \$ -                 | \$ -                | \$ -                    | \$ -                    | \$ 475,189           |
| Wire and other electronic payments             | \$ 2,562,225         | \$ -                | \$ -                 | \$ -                | \$ -                    | \$ -                    | \$ 2,562,225         |
| King Co. Investment Pool impairment (realized) | \$ -                 | \$ -                | \$ -                 | \$ -                | \$ -                    | \$ -                    | \$ -                 |
| King Co. Investment Pool impairment (retained) | \$ (93)              | \$ (189)            | \$ (104)             | \$ (131)            | \$ (28)                 | \$ -                    | \$ (545)             |
| Transfers to other Cascade funds               | \$ 115,997           | \$ -                | \$ -                 | \$ -                | \$ -                    | \$ -                    | \$ 115,997           |
| <b>Total subtractions</b>                      | <b>\$ 3,138,369</b>  | <b>\$ 15,325</b>    | <b>\$ 511</b>        | <b>\$ (37)</b>      | <b>\$ 25</b>            | <b>\$ 115,997</b>       | <b>\$ 3,270,189</b>  |
| <b>Ending Balances, June 30, 2021</b>          | <b>\$ 16,904,618</b> | <b>\$ 6,655,700</b> | <b>\$ 12,377,386</b> | <b>\$ 4,318,512</b> | <b>\$ 2,129,386</b>     | <b>\$ -</b>             | <b>\$ 42,385,601</b> |



**SPECIAL MEETING OF THE  
BOARD OF DIRECTORS -  
Future of Cascade Workshop  
Held Via Zoom**

**MEETING MINUTES  
June 30, 2021**

**1. CALL TO ORDER**

At 9:05 a.m. Chair John Stokes called the meeting to order. Board Members and alternate Board Members confirmed that they received the meeting materials and could hear the speakers clearly.

**2. ROLL CALL**

Board Members from the City of Bellevue (John Stokes), Skyway Water & Sewer District (Jon Ault), City of Issaquah (Mary Lou Pauly), Sammamish Plateau Water (Lloyd Warren), City of Redmond (Angela Birney), City of Kirkland (Penny Sweet), and City of Tukwila (Allan Ekberg) were present, constituting a quorum.

Alternate Board Members present: City of Bellevue (Conrad Lee), City of Issaquah (Zach Hall), and Sammamish Plateau Water (Ryika Hooshangi).

**3. PUBLIC COMMENT**

None.

**4. EXECUTIVE SESSION**

None.

**5. APPROVAL OF AGENDA**

**6. CHIEF EXECUTIVE OFFICER'S REPORT**

None.

**7. CASCADE STAFF PRESENTATION AND BOARD DISCUSSION**

The Future of Cascade Workshop provided information about future water supply scenarios, Cascade's supply and demand, and cost implications for each scenario. The

Workshop also provided information about each scenario's implications for the proposed Water Supply Development Fund (WSDF) and key WSDF issues to consider. Cascade staff provided this overview and a forum for discussion, input, and direction through a PowerPoint presentation. (Attachment 1). Staff requested Board direction on which supply scenarios to pursue as well as direction on establishing the WSDF.

## **8. BOARD DIRECTION AND ACTION ITEMS**

- A. Motion by Lloyd Warren and second by Penny Sweet to move that Cascade staff concurrently pursue a contract extension with Seattle and explore a new contract with Tacoma. Motion carried unanimously (7-0).**
- B. Motion by Lloyd Warren and second by Penny Sweet to move that Cascade staff present the resolutions to establish and implement the Water Supply Development Fund for the Board's action in October. Motion carried unanimously (7-0).**

## **9. NEXT REGULAR MEETING**

The next regular Board meeting will be held Wednesday, July 28, 2021, at 3:30 p.m. to be held via Zoom meeting or in-person.

## **10. ADJOURN**

The meeting was adjourned at 11:05 a.m.

APPROVED BY:

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John Stokes, Chair

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Penny Sweet, Vice-Chair

## **Attachment**

Future of Cascade PowerPoint Presentation.



# Board Workshop

June 30, 2021

# Workshop Agenda

1. Quick recap of June 23<sup>rd</sup> Board meeting.
2. Water supply scenarios:
  - a. Description of scenarios.
  - b. Cascade's supply and demand.
  - c. Cost per CCF (2022-2050) for the scenarios.
  - d. Implications for the Water Supply Development Fund (WSDF).
3. Key WSDF issues.
4. Supply scenarios decision points.
5. Requested Board actions:
  - a. Direction on which supply scenarios to pursue.
  - b. Direction on establishing the WSDF.

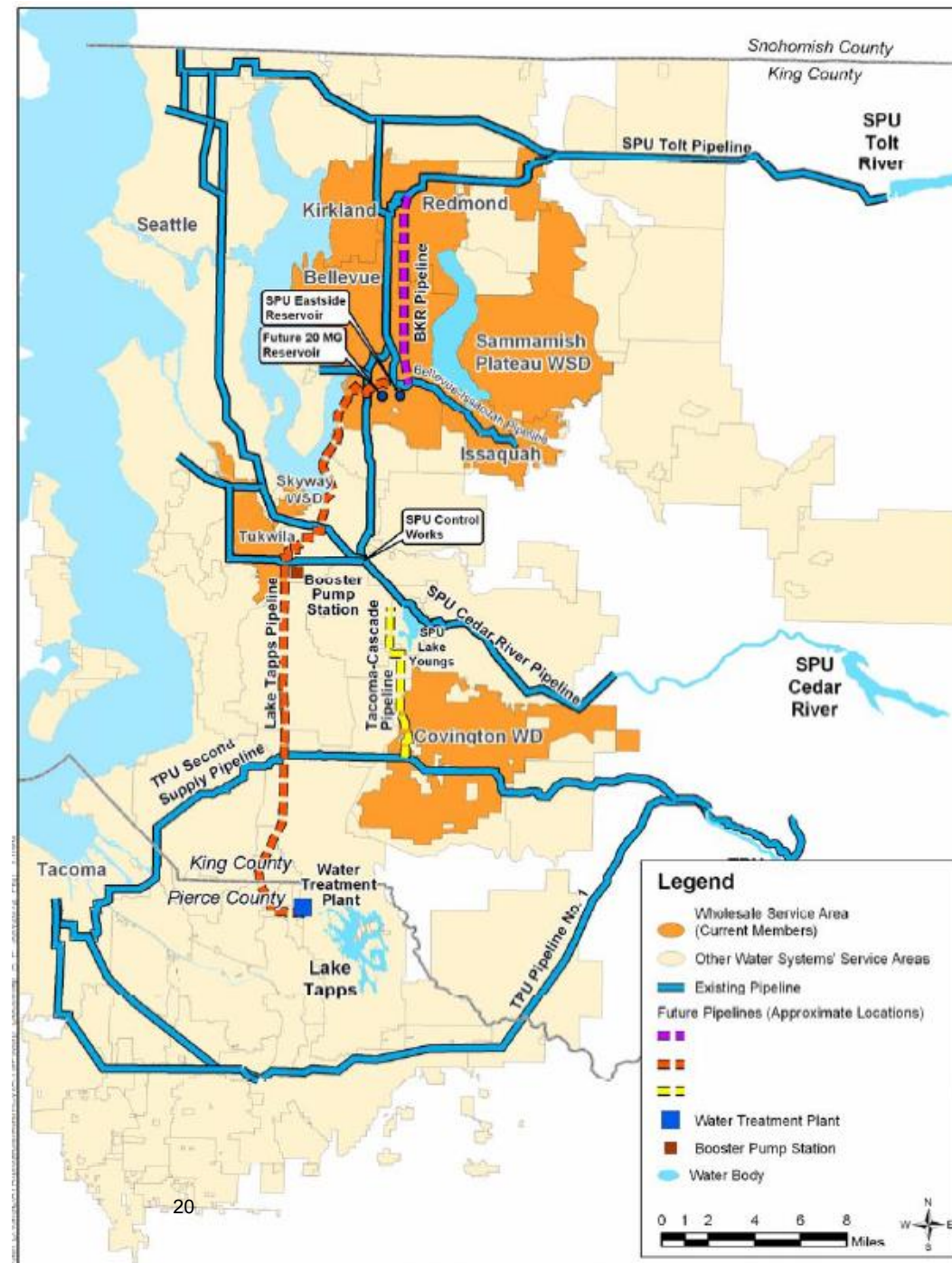
# Recap of June 23 Board Presentation

- Cascade was formed to provide members with a voice and a vote.
- The JMUSA requires Cascade to provide a full supply commitment to each member now and in the future; the JMUSA and Cascade Code call for a reliable, predictable and stable approach to supply development and funding.
- Past agreements impact future supply decisions and govern management of the Lake Tapps Reservoir pre- and post-development of the water supply project (Project).
- The current development schedule requires the Project to be operational by 2042.
- Business model: Use available regional wholesale supply contracts to “bridge” demand requirements until the Project is brought on-line.
- Cascade’s demand forecast has flattened significantly in the past decade, and there is ample regional water supply through 2060.
- If Cascade can extend its contract with Seattle or secure a bridge contract with Tacoma and extend its water rights development schedule, it can defer developing the Project beyond 2042.

# Water Supply Scenarios Developed for Evaluation

| Base Scenario  | Seattle Extension (SPU 15)  | Tacoma (TPU) No Wheeling  | Tacoma (TPU) With Wheeling   | Everett   | Purveyor   |
|--|---|---|--|---|--|
| <i>Develop White River-Lake Tapps (WRLT) Supply 2042</i> | <i>15-Year Block Contract Extension with Seattle</i>  | <i>Expanded and Extended Tacoma Wholesale Agreement</i>   | <i>Expanded and Extended Tacoma Wholesale Agreement with Seattle Wheeling</i>  | <i>New Everett Wholesale Agreement with SPU Wheeling</i>  | <i>Seattle Purveyor Contract(s) conditioned on sale/ transfer of Lake Tapps</i>  |
|  | <p>15-year extension of existing 33.3 MGD contract capacity.</p> <p>Allow up to 3 MGD additional purchases if/when needed.</p> <p>Same declining block structure beginning in 2055.</p> | <p>20-year contract for supply of 20 MGD average, 30 MGD peak beginning in 2040.</p> <p>Declining supply commitment beginning in 2060 (2 MGD/year).</p> <p>Begin constructing <u>Central and North segments</u> of Cascade transmission system in 2032, in-service by 2040.</p> | <p>20-year contract for supply of 20 MGD average, 30 MGD peak beginning in 2040, stepping down after 2060.</p> <p>Declining supply commitment beginning in 2060 (2 MGD/year).</p> <p>Begin constructing <u>Central segment</u> of Cascade transmission system in 2032, in-service by 2040.</p> <p>Wheeling agreement with SPU for delivering Tacoma water from Lake Youngs intertie.</p> | <p>20-year contract for supply of 20 MGD average, 30 MGD peak beginning in 2040, ending after 2060.</p> <p>Declining supply commitment beginning in 2060 (2 MGD/year).</p> <p>Begin constructing Everett-Seattle intertie from Clearview to Woodinville in 2032, in-service by 2040.</p> <p>Wheeling agreement with SPU for delivering Everett water from Tolt pipeline intertie.</p> | <p>Replace SPU contract with "Purveyor" contract at established wholesale rates.</p> <p>Assume permanent supply commitment.</p> <p>Assume \$60 million buy-in to compensate for past Cascade savings and no future premium or liability assigned to Cascade.</p> |
| Begin WRLT project in 2033.                              | Begin WRLT project in 2046.   | Begin WRLT project in 2050.   | Begin WRLT project in 2050 (including <u>North segment</u> ).  | Begin WRLT project in 2050.   | End operating Lake Tapps in 2038 (expiration of existing bonds).   |
| WRLT supply Phase 1 in-service in 2042                   | WRLT supply Phase 1 in-service in 2055.   | WRLT supply Phase 1 in-service in 2059.   | WRLT supply Phase 1 in-service in 2059.  | WRLT supply Phase 1 in-service in 2059.   |  |
| Complete WRLT Phase 2 for full capacity in 2059.         | Complete WRLT Phase 2 for full capacity in 2071.  | Complete WRLT Phase 2 for full capacity in 2068.  | Complete WRLT Phase 2 for full capacity in 2068.   | Complete WRLT Phase 2 for full capacity in 2068.  |  |
| Continue SPU supply at 5.3 MGD after 2063.               | Continue SPU supply at 5.3 MGD after 2078.  | Continue SPU supply at 5.3 MGD after 2063.  | Continue SPU supply at 5.3 MGD after 2063.   | Continue SPU supply at 5.3 MGD after 2063.  |  |

# General Locations of Planned Infrastructure (from 2012 TSP)

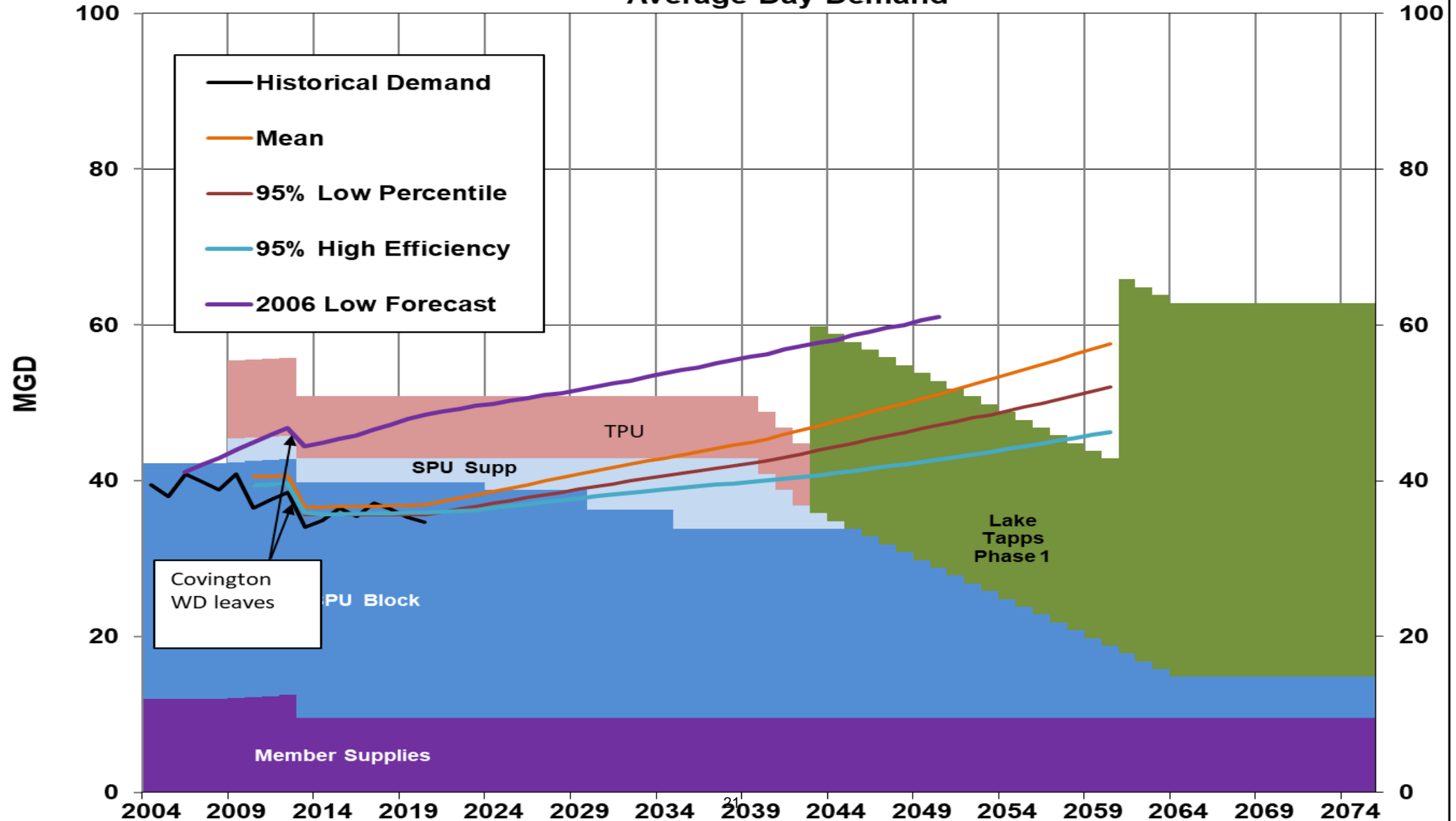




# Cascade Supply & Demand Forecast

## Base Scenario: Lake Tapps 2042

Average Day Demand

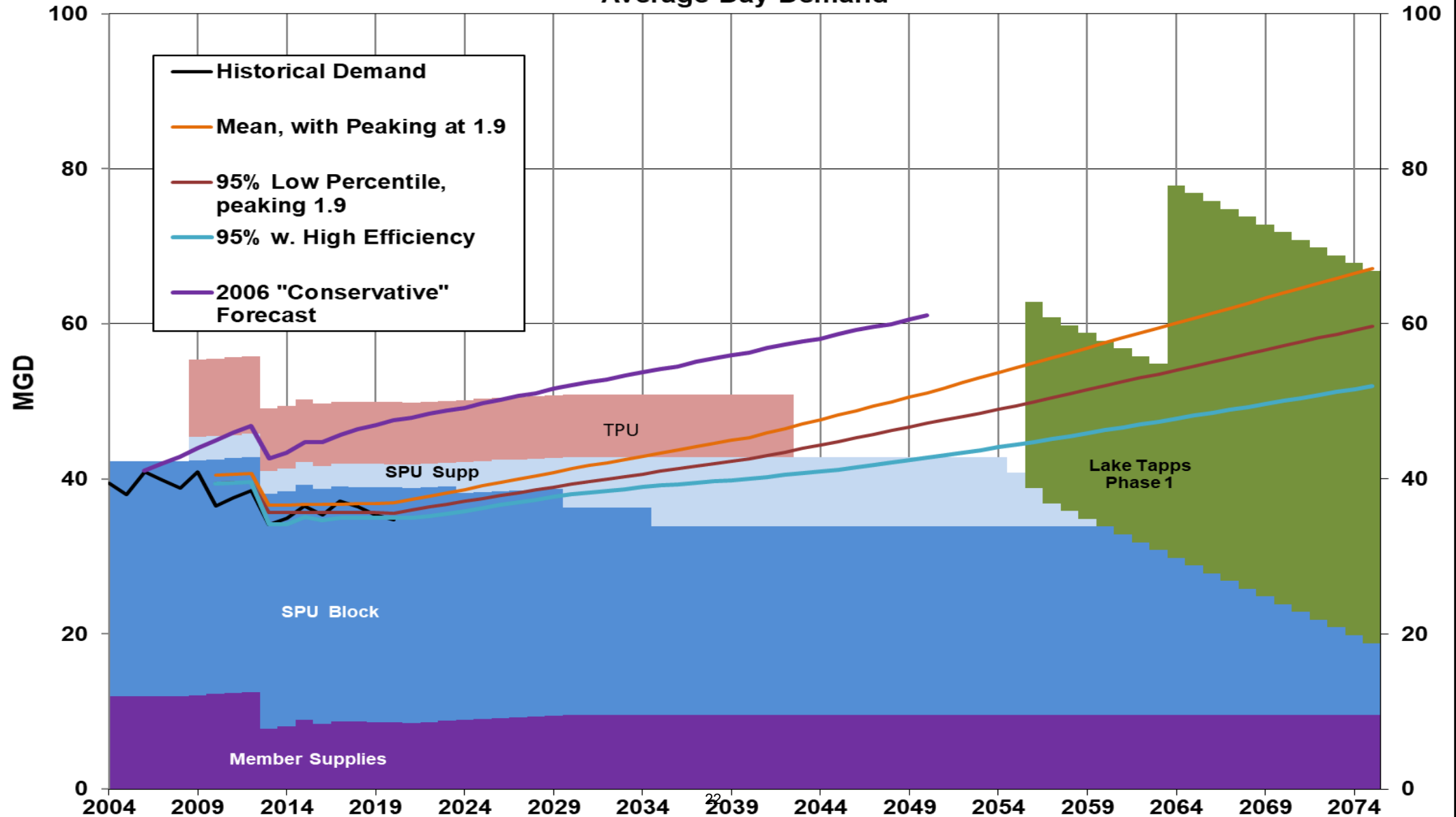




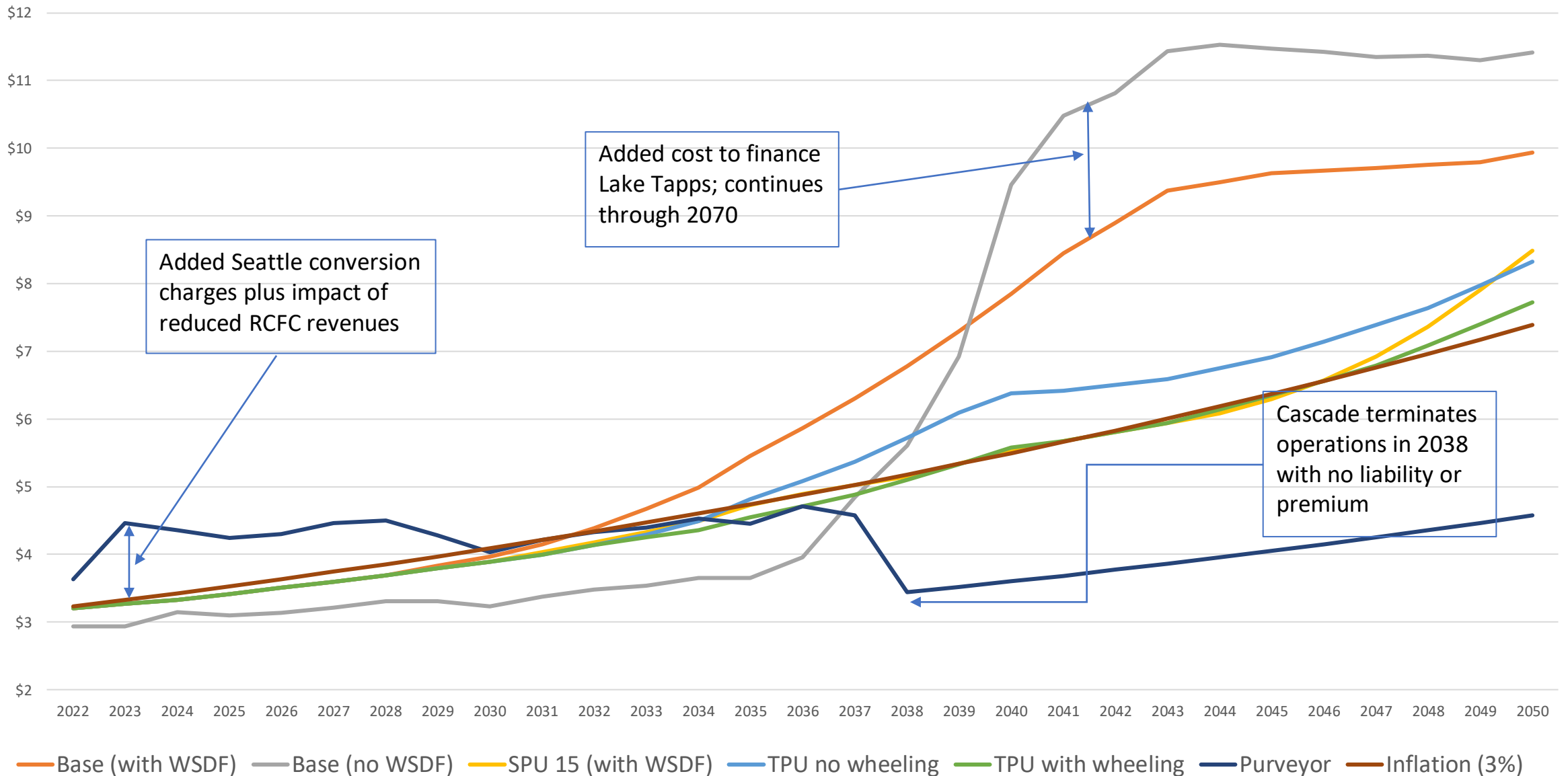
# Cascade Supply & Demand Forecast

## Seattle 15 Year Extension

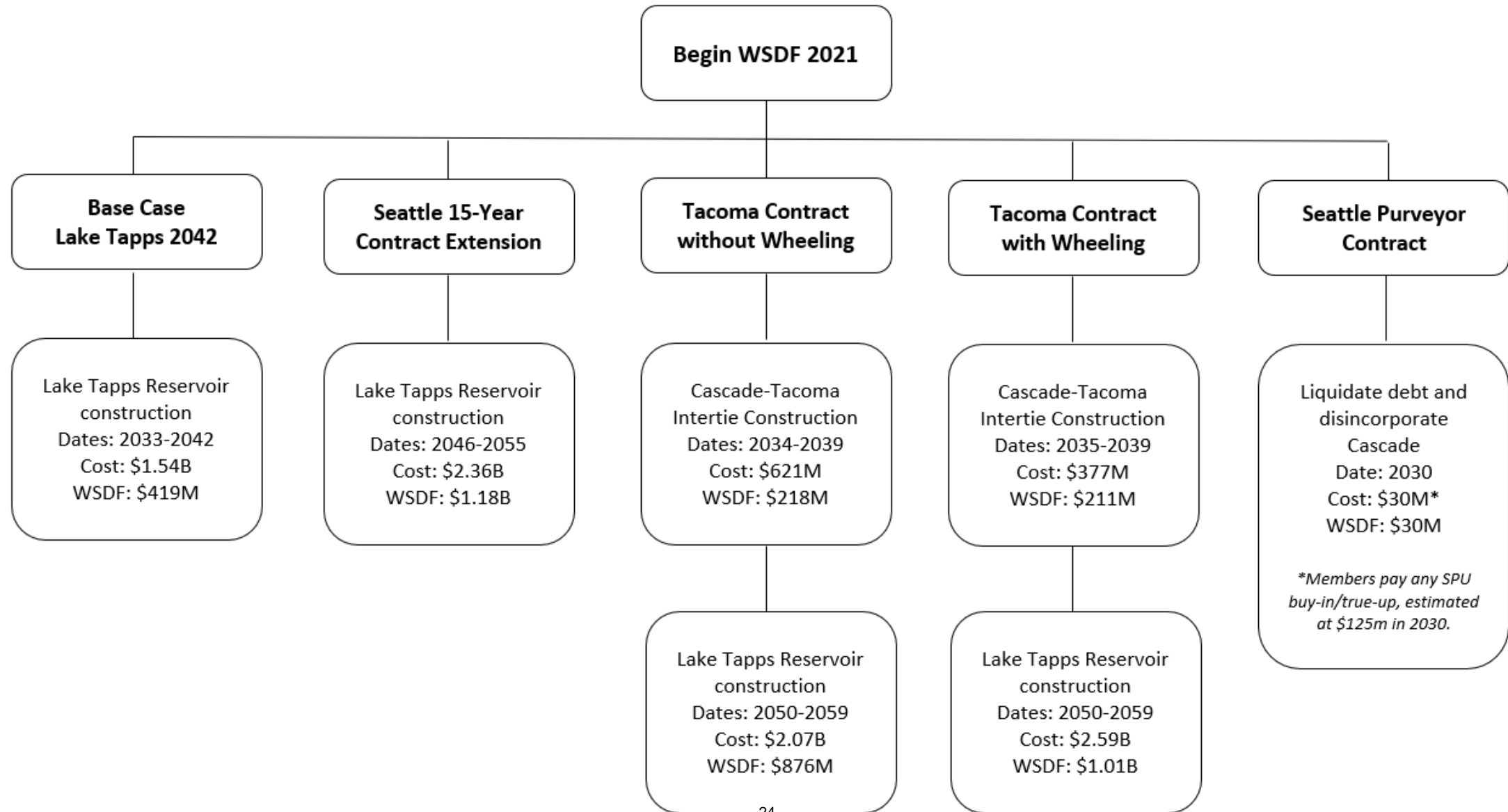
Average Day Demand



# Supply Scenarios: Cost per CCF 2022-2050

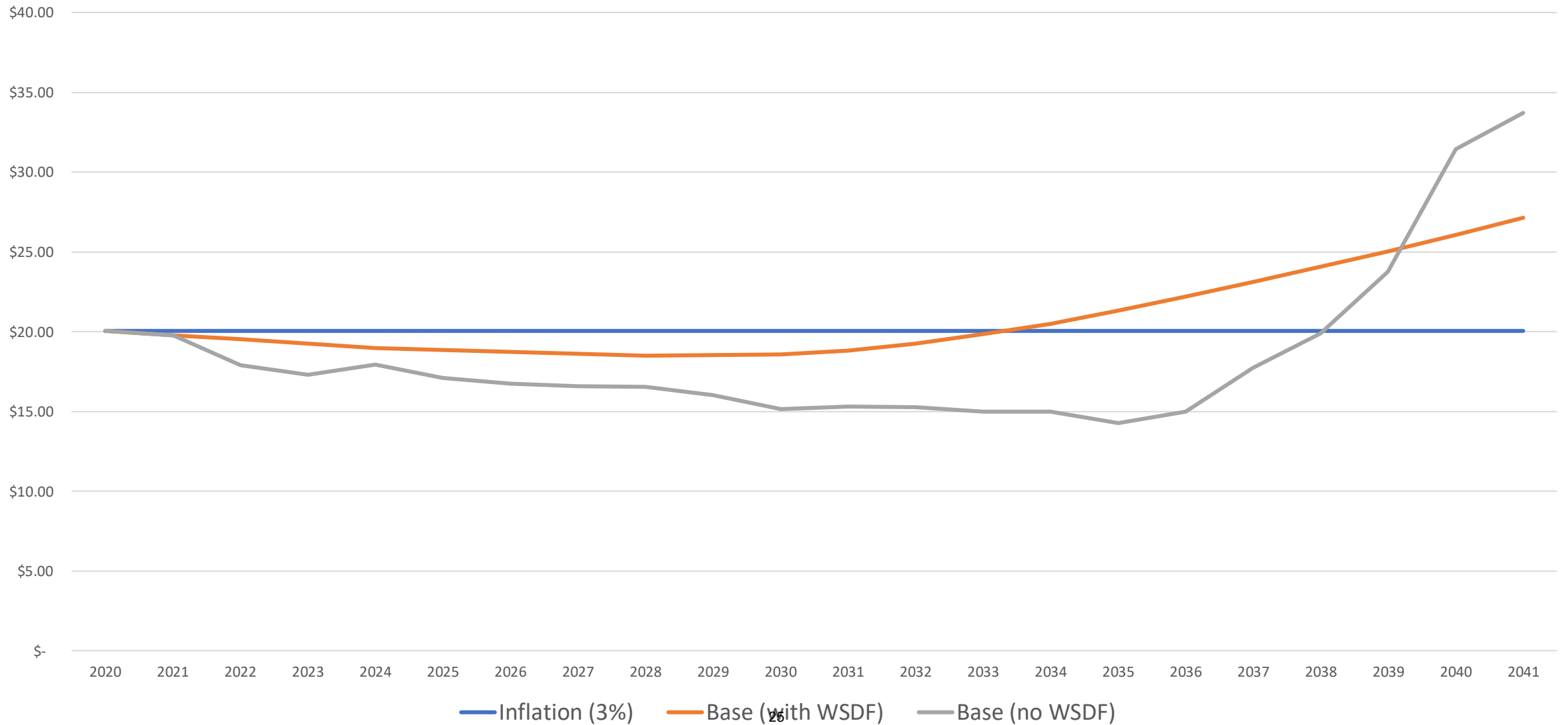


# Water Supply Development Fund (WSDF) Scenarios



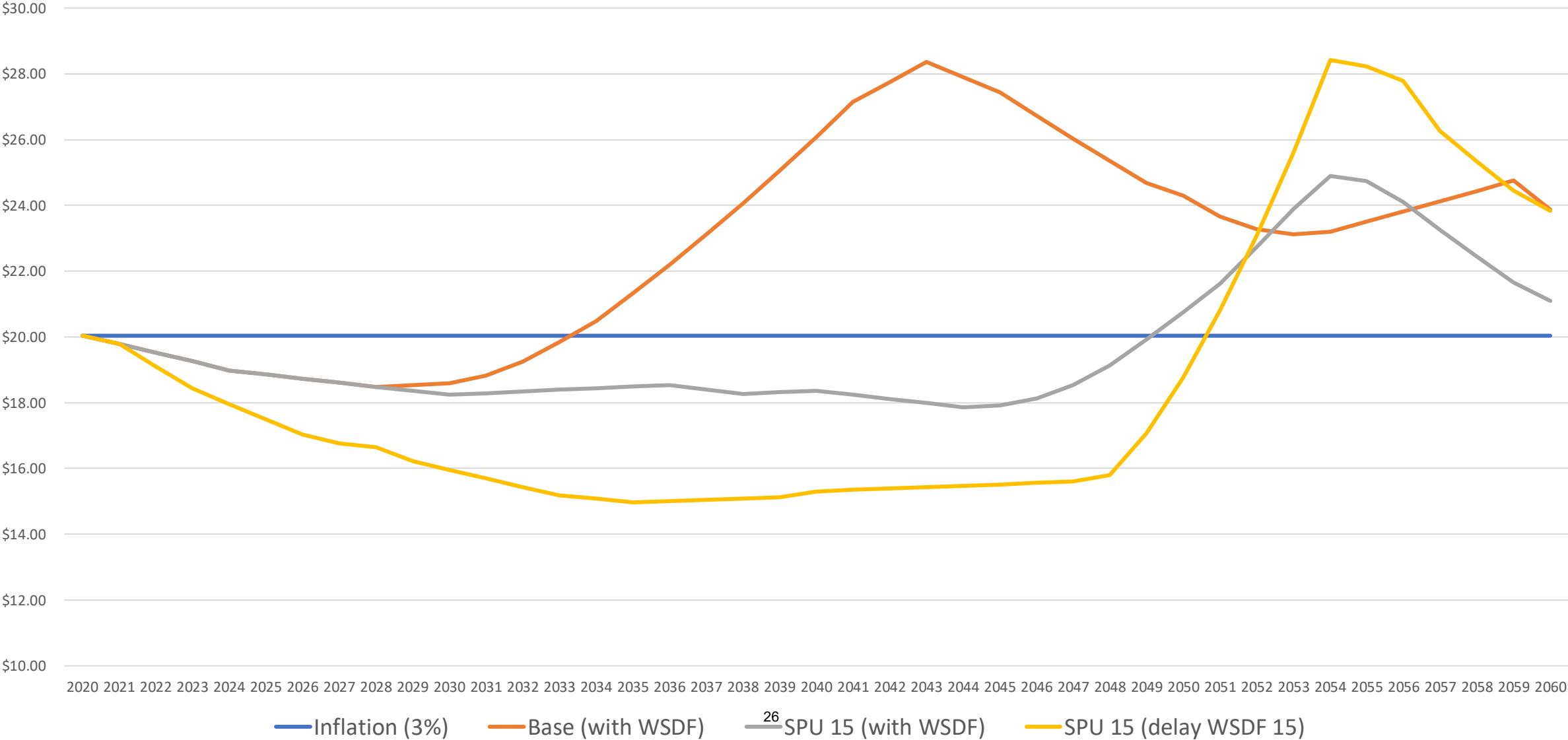
# Real Monthly Cost per CERU 2020-2041

*Total Member Charges except RCFCs, inflation-adjusted*



# Real Monthly Cost per CERU 2020-2060 with Seattle Extension

*Total Member Charges except RCFCs, inflation-adjusted*



# WSDF Key Issues

## Why is the WSDF needed now? What are the impacts on rates and bills?

- Delaying contributions to the WSDF adds hundreds of millions in debt and adds an average of \$10/month to retail bills.
- Even with planned contributions to the WSDF, rate increases are projected to stay below inflation for the next decade.
- Annual funding to the WSDF from member charges are shown below:

|   | <b>TOTAL 2021-2029</b> | <b>2021*</b>        | <b>2022</b>     | <b>2023</b>       | <b>2024</b>       | <b>2025</b>        | <b>2026</b>        | <b>2027</b>        | <b>2028</b>         | <b>2029</b>        |
|---|------------------------|---------------------|-----------------|-------------------|-------------------|--------------------|--------------------|--------------------|---------------------|--------------------|
| <b>Derived from Operations (Member Charges)</b> |                        |                     |                 |                   |                   |                    |                    |                    |                     |                    |
| Bellevue  | <b>\$ 6,727,186</b>    | \$ -                | \$ 1,181        | \$ 151,356        | \$ 399,470        | \$ 660,071         | \$ 941,080         | \$1,228,352        | \$ 1,522,008        | \$1,823,667        |
| Issaquah  | <b>\$ 753,972</b>      | \$ -                | \$ 100          | \$ 13,416         | \$ 37,601         | \$ 65,771          | \$ 100,285         | \$ 138,072         | \$ 178,400          | \$ 220,327         |
| Kirkland  | <b>\$ 1,835,402</b>    | \$ -                | \$ 314          | \$ 40,968         | \$ 106,957        | \$ 177,694         | \$ 254,854         | \$ 334,647         | \$ 417,154          | \$ 502,813         |
| Redmond   | <b>\$ 2,340,304</b>    | \$ -                | \$ 398          | \$ 50,963         | \$ 136,807        | \$ 226,700         | \$ 324,962         | \$ 426,687         | \$ 532,121          | \$ 641,665         |
| Sammamish Plateau Water                         | <b>\$ 446,673</b>      | \$ -                | \$ 78           | \$ 8,361          | \$ 21,508         | \$ 37,919          | \$ 57,791          | \$ 80,431          | \$ 106,010          | \$ 134,574         |
| Skyway Water & Sewer                            | <b>\$ 137,323</b>      | \$ -                | \$ 24           | \$ 3,149          | \$ 8,143          | \$ 13,463          | \$ 19,203          | \$ 25,069          | \$ 31,059           | \$ 37,213          |
| Tukwila   | <b>\$ 829,768</b>      | \$ -                | \$ 149          | \$ 18,981         | \$ 49,501         | \$ 81,690          | \$ 116,303         | \$ 151,555         | \$ 187,431          | \$ 224,158         |
| <b>Total</b>                                    | <b>\$ 13,070,627</b>   | <b>\$ 5,000,000</b> | <b>\$ 2,245</b> | <b>\$ 287,195</b> | <b>\$ 759,987</b> | <b>\$1,263,308</b> | <b>\$1,814,478</b> | <b>\$2,384,812</b> | <b>\$ 2,974,184</b> | <b>\$3,584,417</b> |

Note: Does not total to ending fund balance due to RCFC transfers and unallocated fund earnings. \* Initial funding of WSDF is made from operating reserves and does not impact 2021 member charges.

# WSDF Key Issues

## **What happens if the WSDF isn't needed as planned or accumulates more money than is needed?**

The Board may liquidate all or part of the WSDF and used as follows:

- Reduce demand share charges by retiring debt or directly using the funds to reduce those charges.
- Distribute the funds to members in proportion to their relative total payments of demand shares plus RCFCs for the past 10 years if Cascade is disincorporated or if the Board identifies other cases that warrant removing a surplus.

# WSDF Key Issues

## Could members provide their share of cash funding instead of Cascade doing this?

- Not under the current Joint Municipal Utilities Services Agreement. Cascade has a common duty to provide sufficient supply to meet all members' needs.
- Members don't own specified shares of current or future projects or shares of equity obligation and such an approach would be higher risk.
- Cascade can instead provide information on WSDF allocations for members' use:

| WSDF Allocation  |                     |               |
|--|---------------------|---------------|
| Allocated based on 10-year historical average of demand share and RCFC payments. |                     |               |
| Member   | Jan 1, 2030         | % Share       |
| Bellevue   | \$13,864,617        | 46.9%         |
| Issaquah   | \$2,112,763         | 7.1%          |
| Kirkland   | \$4,214,562         | 14.2%         |
| Redmond  | \$5,372,265         | 18.2%         |
| Sammamish Plateau Water  | \$2,082,675         | 7.0%          |
| Skyway Water & Sewer   | \$283,906           | 1.0%          |
| Tukwila  | \$1,658,366         | 5.6%          |
| <b>WSDF Fund Balance as of 12/31/29</b>  | <b>\$29,589,154</b> | <b>100.0%</b> |

## WSDF – Board Authority

- Approve the amount of all rate increases and transfers used to fund the WSDF.
- Biennially, review the performance of the WSDF and its planned use; affirm (or redirect) the supply strategy.
- Determine and authorize any use of WSDF funds.
- Approve a project capital funding plan to meet projected cash flow needs prior to commencing capital work on the Board-selected supply strategy.
- Redirect use of funds if not needed as planned or to the extent anticipated.

# WSDF – Implementation Steps

## **Implementing the WSDF requires Board approval of several resolutions:**

1. Establish the WSDF at King County Treasury, adopt the policy framework for managing the Fund and begin the Pool Plus application process.
2. Enable initial fund transfer of \$5 million from Operations (substitutes for Shared Benefit of reduced SPU wholesale costs).
3. Amend the budget to recognize WSDF as a fund, budget and allow planned transfers for the 2021-22 biennium.
4. Authorize Pool Plus participation and acknowledge the attendant risks.

# Supply Scenarios – Board Decision Points

## **Junctures for the Board to affirm or redirect Cascade’s water supply strategy:**

- Biennially, during the rates and budget process, during review of the WSDF and supply strategy.
- Every five years during development of the Strategic Plan.
- Every 10 years during the update of the Transmission Supply Plan.
- During critical decision-making points, such as if negotiations with Seattle or Tacoma appear to be successful.

# Requested Board Actions

1. Based on the water supply scenarios staff presented to the Board, which scenarios does the Board want Cascade to pursue?

*Staff Recommendation: Concurrently pursue a contract extension with Seattle and explore a new contract with Tacoma. Per the Board's previous guidance, also submit a development schedule request to Ecology.*

2. Based on today's discussion of the Water Supply Development Fund, is the Board ready to vote on a series of resolutions to establish and implement the Fund?



MEETING MINUTES OF THE  
BOARD OF DIRECTORS  
VIA ZOOM  
JUNE 23, 2021

**1. CALL TO ORDER**

At 3:32 p.m., Chair Stokes 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 (Pauly), the City of Kirkland (Sweet), the City of Redmond (Birney), the City of Tukwila (Ekberg<sup>1</sup>), Sammamish Plateau Water & Sewer District (Warren), and Skyway Water and Sewer District (Ault) were present.

Board Alternate Present: The City of Bellevue (Lee), the City of Issaquah (Hall), the 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. Sweet and second by Mr. Ault to approve the meeting agenda as presented. Motion carried unanimously (6-0).**

**6. CHIEF EXECUTIVE OFFICER'S REPORT**

Ray Hoffman, Cascade CEO, reviewed the Chief Executive Officer's Report that was included in the Board packet.

**7. CONSENT ACTION ITEM**

A. Board Meeting Minutes for May 26, 2021.

B. Motion to authorize the Chief Executive Officer to enter into a contract to perform herbicide treatment for control of aquatic vegetation in the Lake Tapps Reservoir in an amount not to exceed \$110,000.

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<sup>1</sup> Joined the Zoom at 3:58 p.m.

**Motion by Ms. Birney and second by Mr. Warren to approve Consent Action Items A-B as presented in the Board Packet. Motion carried unanimously (6-0).**

**8. BOARD DISCUSSION ITEMS**

A. Future Board Meetings (in-person/virtual/hybrid).

Mr. Hoffman asked Board Members how they would like to proceed with future Board meetings (in-person/virtual/hybrid).

Overall, Board Members support remote meetings through August. Cascade staff will conduct a survey to determine specific preferences for meetings after August.

B. Board Workshop – Part 1 Past/Present. Cascade will present a summary of its past and present regarding water supply management. This foundational information is important to understanding Cascade's future supply options, which will be the focus of the Board's June 30 workshop.

Mr. Hoffman provided an overview of documents that were sent to Board Members in early June that provided a summary of various agreements that Cascade has executed since 2000. These documents will help set the stage for the Board Workshop. Main topics for the workshop include:

- Future water supply scenarios.
- Costs associated with the supply scenarios.
- Implications for the Water Supply Development Fund (WSDF).
- Key issues regarding the WSDF.
- Direction from the Board on supply options to pursue and establishing the WSDF.

**9. STAFF PRESENTATIONS**

None.

**10. COMMITTEE REPORTS**

A. Executive Committee – No meetings held.

B. Finance & Management Committee – Meeting held June 15, 2021. The meeting recap was included in the Board packet.

C. Public Affairs Committee – No meetings held.

D. Resource & Management Committee – Meeting held June 10, 2021. The meeting recap was included in the Board packet.

**11. NEW BUSINESS**

None.

**12. NEXT REGULAR MEETING**

The next regular Board meeting will be held on July 28, 2021, at 3:30 p.m.

**13. ADJOURN**

The meeting adjourned at 4:43 p.m.

APPROVED BY:

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John Stokes, Chair

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Penny Sweet, Vice-Chair

## **AGENDA MEMORANDUM**

### **SUBJECT**

Motion to authorize the Chief Executive Officer to enter into Amendment No. 7 to the Consulting Agreement with HDR Engineering, Inc., to increase the maximum compensation amount by \$150,000, for a total amount not to exceed \$1,068,000.

### **BACKGROUND**

Cascade entered a contract with HDR Engineering, Inc. (HDR) in December 2015 for consulting services for the development of the US Army Corps of Engineers' (USACE) Mud Mountain Dam Fish Passage Project (MMD FPP). The MMD FPP is a complex, multi-million-dollar, multi-year project that is composed of three Phases. Phase 1 was the construction of the barrier dam on the left side of the river and is complete. Phase 2 is construction of the barrier dam on the right side of the river and is in process. Phase 3 is the implementation of Cascade's Intake Improvement project and is scheduled to start October 2021.

Because of the magnitude and duration of the MMD FPP, Cascade has purposely phased-in HDR's tasks and budget over time via amendments. The HDR contract was amended in June 2016, December 2016, November 2017, December 2018, May 2019, and June 2020. The maximum compensation amount is currently \$918,000. This proposed Amendment No. 7 will cover HDR's tasks for the entire duration of Phase 3. The main tasks for this Amendment include review, comment and approve contractor submittals, attend construction progress meetings, site visits to the project site, assist Cascade on construction change order requests and interface with construction management consultant.

### **PROCUREMENT PROCESS**

HDR was selected for this work by evaluating qualifications of firms from the following Cascade rosters: Electrical Engineering, Hydraulic Engineering, Environmental Engineering, Condition Assessment, Project Management, Asset Management, and Fish Biologist. The qualifications that were on file for these firms were evaluated and ranked based on: (1) their experience with design and construction of barrier structures and trap-and-haul facilities; (2) experience with the existing barrier structure and trap-and-haul facility at Buckley; and (3) familiarity with the history and requirements of the project.

The top-ranked firm was HDR. HDR was on all seven rosters, has extensive experience with the existing barrier structure and trap-and-haul facility at Buckley, and is very familiar with the history and requirements of the project, including providing review and comment services to Cascade in 2014.

Although the scope of activities has expanded over the years, it remains consistent with the original selection criteria. HDR is qualified to perform the additional tasks.

### **FISCAL IMPACT**

The not-to-exceed amount for Amendment No. 7 is \$150,000, bringing the total contract not-to-exceed amount to \$1,068,000.

| <b>Budget Line</b>        | <b>2021 Capital Budget</b> | <b>Spent and Committed to Date</b> | <b>Available 2021 Budget</b> | <b>This Action</b> | <b>2021 Remaining Balance</b> |
|---------------------------|----------------------------|------------------------------------|------------------------------|--------------------|-------------------------------|
| Upper Conveyance Projects | \$1,094,000                | \$352,090                          | \$741,910                    | \$150,000          | \$591,910                     |

### **OPTIONS**

1. Authorize the Chief Executive Officer to enter into Amendment No. 7 to the Consulting Agreement with HDR Engineering, Inc., to increase the maximum compensation amount by \$150,000, for a total amount not to exceed \$1,068,000.
2. Do not authorize the Chief Executive Officer to enter into Amendment No. 7 to the Consulting Agreement with HDR Engineering, Inc., and provide alternate direction to staff.

### **RECOMMENDED ACTION**

Authorize the Chief Executive Officer to enter into Amendment No. 7 to the Consulting Agreement with HDR to increase the maximum compensation amount by \$150,000, for a total amount not to exceed \$1,068,000.

### **ATTACHMENTS**

None.

## **AGENDA MEMORANDUM**

### **SUBJECT**

Motion to authorize the Chief Executive Officer to enter into a contract with Johansen Construction Company, Inc., to perform routine maintenance during the flowline outage in an amount not to exceed \$600,000.

### **BACKGROUND**

Cascade is conducting a flowline outage in 2021 from the headworks to the valve house in coordination with the U.S. Army Corps of Engineers' Mud Mountain Fish Passage Project. Cascade has previously conducted flowline outages in 2010 and 2014. During these outages, Cascade took the opportunity to inspect its facilities in the upper conveyance system, made the necessary repairs, removed sediment from the flume and basins, and performed other maintenance activities that otherwise could not be performed while the flowline had water in it.

Johansen Construction Company (Johansen) will perform routine maintenance work, including, but not limited to the following: clean the concrete flume and rock chutes from the headworks to Wolselgal Basin; remove approximately 50,000-75,000 cubic yards of sediment from Wolselgal Basin; remove sediment from the fish screen facility and pipeline intake facility; perform dewatering activities at multiple facilities; and perform other maintenance activities during the outage as directed by Cascade.

### **PROCUREMENT PROCESS**

Johansen was selected to perform this work because of their experience doing sediment excavation at Cascade's upper conveyance facilities during flowline outages in prior years. They performed similar work in the 2010 and 2014 outages. Cascade was very satisfied with their work in both those previous years. Johansen is also a local firm with an office in Buckley, WA. Their close proximity to the project site minimizes mobilization costs and supports a local business.

### **FISCAL IMPACT**

The requested contract authorization is for a not-to-exceed amount of \$600,000, inclusive of Washington State sales tax and reserve for contingency.

| Budget Line | 2021 Budget | Spent and Committed to Date | Available 2021 Budget | This Action | 2021 Remaining Balance |
|-------------|-------------|-----------------------------|-----------------------|-------------|------------------------|
| Outage      | \$835,000   | \$0                         | \$835,000             | \$600,000   | \$235,000              |

Cascade's original budget for the flowline outage included \$600,000 in 2021 and \$200,000 in 2022. Because all the outage work is now expected to occur in 2021, with the addition of \$35,000 for fish recovery, Cascade transferred \$235,000 to the outage budget from O&M contingency and other O&M budget line items that are anticipated to be underspent in 2021. The following table summarizes all five outage-related contracts that Cascade is requesting authorization from the Board:

| <b>Contracted Activity</b>                      | <b>Vendor</b>  | <b>Not-to-Exceed Amount</b> |
|---|----------------|-----------------------------|
| Routine maintenance, including sediment removal | Johansen       | \$600,000                   |
| Vegetation maintenance                          | Kemp West      | \$70,000                    |
| Cleaning/vactoring and video inspection         | FloHawks       | \$40,000                    |
| Public works activities                         | Johansen       | \$90,000                    |
| Fish recovery                                   | Puyallup Tribe | \$35,000                    |
| <b>Total</b>                                    |                | <b>\$835,000</b>            |

### **OPTIONS**

1. Authorize the Chief Executive Officer to enter into a contract with Johansen Construction Company, Inc., to perform routine maintenance during the flowline outage in an amount not to exceed \$600,000.
2. Do not authorize the Chief Executive Officer to enter into a contract with Johansen Construction Company, Inc., and provide alternate direction to staff.

### **RECOMMENDED ACTION**

Authorize the Chief Executive Officer to enter into a contract with Johansen Construction Company, Inc., to perform routine maintenance during the flowline outage in an amount not to exceed \$600,000.

### **ATTACHMENTS**

None.

## **AGENDA MEMORANDUM**

### **SUBJECT**

Motion to authorize the Chief Executive Officer to enter into a contract with Kemp West, Inc., to perform vegetation maintenance during the flowline outage in an amount not to exceed \$70,000.

### **BACKGROUND**

Cascade is conducting a flowline outage in 2021 from the headworks to the valve house in coordination with the U.S. Army Corps of Engineers' Mud Mountain Fish Passage project. Cascade had previously conducted flowline outages in 2010 and 2014. During these outages, Cascade took the opportunity to inspect its facilities in the upper conveyance system, made the necessary repairs, removed sediment from the flume and basins, and performed other maintenance activities that otherwise could not be performed while the flowline has water in it.

Kemp West, Inc., will be contracted to perform vegetation management activities, including, but not limited to the following: vegetation removal on both sides of the flowline from the headworks to the Corps Bridge, and vegetation removal from the trash rack at the Dingle Basin fish recovery pond down to the area where the fish bypass pipe goes back to the White River.

### **PROCUREMENT PROCESS**

Kemp West, Inc., was selected to perform this work because they are experienced with doing similar vegetation maintenance at Cascade's upper conveyance facilities and did similar work during the 2010 and 2014 outages. Cascade was very satisfied with their work in both those previous years.

### **FISCAL IMPACT**

The requested contract authorization is for a not-to-exceed amount of \$70,000, inclusive of Washington State sales tax and reserve for contingency.

| Budget Line | 2021 Budget | Spent and Committed to Date | Available 2021 Budget | This Action | 2021 Remaining Balance |
|-------------|-------------|-----------------------------|-----------------------|-------------|------------------------|
| Outage      | \$835,000   | \$600,000                   | \$235,000             | \$70,000    | \$165,000              |

Cascade's original budget for the flowline outage included \$600,000 in 2021 and \$200,000 in 2022. Because all the outage work is now expected to occur in 2021, with the addition of \$35,000 for fish recovery, Cascade transferred \$235,000 to the outage budget from O&M contingency and other O&M budget line items that are anticipated to be underspent in 2021. The following table summarizes all five outage-related contracts that Cascade is requesting authorization from the Board:

| <b>Contracted Activity</b>                      | <b>Vendor</b>  | <b>Not-to-Exceed Amount</b> |
|---|----------------|-----------------------------|
| Routine maintenance, including sediment removal | Johansen       | \$600,000                   |
| Vegetation maintenance                          | Kemp West      | \$70,000                    |
| Cleaning/vactoring and video inspection         | FloHawks       | \$40,000                    |
| Public works activities                         | Johansen       | \$90,000                    |
| Fish recovery                                   | Puyallup Tribe | \$35,000                    |
| <b>Total</b>                                    |                | <b>\$835,000</b>            |

### **OPTIONS**

1. Authorize the Chief Executive Officer to enter into a contract with Kemp West, Inc., to perform vegetation maintenance during the flowline outage in an amount not to exceed \$70,000.
2. Do not authorize the Chief Executive Officer to enter into a contract with Kemp West, Inc., and provide alternate direction to staff.

### **RECOMMENDED ACTION**

Authorize the Chief Executive Officer to enter into a contract with Kemp West, Inc., to perform vegetation maintenance during the flowline outage 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 FloHawks to perform cleaning, vactoring, and TV pipeline inspections and to provide portable toilets during the flowline outage in an amount not to exceed \$40,000.

### **BACKGROUND**

Cascade is conducting a flowline outage in 2021 from the headworks to the valve house in coordination with the U.S. Army Corps of Engineers' Mud Mountain Fish Passage project. Cascade had previously conducted flowline outages in 2010 and 2014. During these outages, Cascade took the opportunity to inspect its facilities in the upper conveyance system, made the necessary repairs, removed sediment from the flume and basins, and performed other maintenance activities that otherwise could not be performed while the flowline has water in it.

FloHawks will be contracted to perform the following activities at the fish screen facility: clean and vactor out the sediment from the facility floor; pressure wash the screens; and perform video inspections of the pipelines associated with this facility. They will also provide vactoring services and portable toilets at various locations during the flowline outage.

### **PROCUREMENT PROCESS**

FloHawks was selected to perform this work because they are experienced with doing similar video inspection and vactoring/cleaning maintenance work at Cascade's Upper Conveyance facilities and did similar work during the 2010 and 2014 outages. Cascade was very satisfied with their work in both those previous years.

### **FISCAL IMPACT**

The requested contract authorization is for a not-to-exceed amount of \$40,000, inclusive of Washington State sales tax and reserve for contingency.

| Budget Line | 2021 Budget | Spent and Committed to Date | Available 2021 Budget | This Action | 2021 Remaining Balance |
|-------------|-------------|-----------------------------|-----------------------|-------------|------------------------|
| Outage      | \$835,000   | \$670,000                   | \$165,000             | \$40,000    | \$125,000              |

Cascade's original budget for the flowline outage included \$600,000 in 2021 and \$200,000 in 2022. Because all the outage work is now expected to occur in 2021, with the addition of \$35,000 for fish recovery, Cascade transferred \$235,000 to the outage budget from O&M contingency and other O&M budget line items that are anticipated to be underspent in 2021.

The following table summarizes all five outage-related contracts that Cascade is requesting authorization from the Board:

| <b>Contracted Activity</b>                      | <b>Vendor</b>  | <b>Not-to-Exceed Amount</b> |
|---|----------------|-----------------------------|
| Routine maintenance, including sediment removal | Johansen       | \$600,000                   |
| Vegetation maintenance                          | Kemp West      | \$70,000                    |
| Cleaning/vactoring and video inspection         | FloHawks       | \$40,000                    |
| Public works activities                         | Johansen       | \$90,000                    |
| Fish recovery                                   | Puyallup Tribe | \$35,000                    |
| <b>Total</b>                                    |                | <b>\$835,000</b>            |

### **OPTIONS**

1. Authorize the Chief Executive Officer to enter into a contract with FloHawks to perform cleaning, vactoring, and TV pipeline inspections and to provide portable toilets during the flowline outage in an amount not to exceed \$40,000.
2. Do not authorize the Chief Executive Officer to enter into a contract with FloHawks and provide alternate direction to staff.

### **RECOMMENDED ACTION**

Authorize the Chief Executive Officer to enter into a contract with FloHawks to perform cleaning, vactoring, and TV pipeline inspections and to provide portable toilets during the flowline outage in an amount not to exceed \$40,000.

### **ATTACHMENTS**

None.

## AGENDA MEMORANDUM

### **SUBJECT**

Motion to authorize the Chief Executive Officer to enter into a contract with Johansen Construction Company, Inc., to perform minor public works activities during the flowline outage in an amount not to exceed \$90,000.

### **BACKGROUND**

Cascade is conducting a flowline outage in 2021 from the headworks to the valve house in coordination with the U.S. Army Corps of Engineers' Mud Mountain Fish Passage project. Cascade had previously conducted flowline outages in 2010 and 2014. During these outages, Cascade took the opportunity to inspect its facilities in the upper conveyance system, made the necessary repairs, removed sediment from the flume and basins, and performed other maintenance activities that otherwise could not be performed while the flowline has water in it.

Johansen Construction Company (Johansen) will perform public works activities, including, but not limited to the following: repair the concrete apron at headgate #2; repair a culvert adjacent to the Corps' bridge; repair a leaking seam in the new section of the concrete flume; provide protection measures to the walls inside the valve house; and perform other minor repairs during the outage as directed by Cascade.

### **PROCUREMENT PROCESS**

Johansen was selected to perform this work because of their experience doing minor repair work at Cascade's Upper Conveyance facilities during flowline outages in prior years. They performed similar work during the 2010 and 2014 outages. Cascade was very satisfied with their work in both those previous years. Johansen is also a local firm with an office in Buckley, WA. Their close proximity to the project site minimizes mobilization costs and supports a local business.

### **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 | 2021 Budget | Spent and Committed to Date | Available 2021 Budget | This Action | 2021 Remaining Balance |
|-------------|-------------|-----------------------------|-----------------------|-------------|------------------------|
| Outage      | \$835,000   | \$710,000                   | \$125,000             | \$90,000    | \$35,000               |

Cascade's original budget for the flowline outage included \$600,000 in 2021 and \$200,000 in 2022. Because all the outage work is now expected to occur in 2021, with the addition of \$35,000 for fish recovery, Cascade transferred \$235,000 to the outage budget from O&M contingency and other O&M budget line items that are anticipated to be underspent in 2021.

The following table summarizes all five outage-related contracts that Cascade is requesting authorization from the Board:

| <b>Contracted Activity</b>                      | <b>Vendor</b>  | <b>Not-to-Exceed Amount</b> |
|---|----------------|-----------------------------|
| Routine maintenance, including sediment removal | Johansen       | \$600,000                   |
| Vegetation maintenance                          | Kemp West      | \$70,000                    |
| Cleaning/vactoring and video inspection         | FloHawks       | \$40,000                    |
| Public works activities                         | Johansen       | \$90,000                    |
| Fish recovery                                   | Puyallup Tribe | \$35,000                    |
| <b>Total</b>                                    |                | <b>\$835,000</b>            |

### **OPTIONS**

1. Authorize the Chief Executive Officer to enter into a contract to perform minor public works activities during the flowline outage with Johansen Construction Company, Inc., in an amount not to exceed \$90,000.
2. Do not authorize the Chief Executive Officer to enter into a contract with Johansen Construction Company, Inc., and provide alternate direction to staff.

### **RECOMMENDED ACTION**

Authorize the Chief Executive Officer to enter into a contract to perform minor public works activities during the flowline outage with Johansen Construction Company, Inc., in an amount not to exceed \$90,000.

### **ATTACHMENTS**

None.

## AGENDA MEMORANDUM

### **SUBJECT**

Motion to authorize the Chief Executive Officer to enter into a contract with the Puyallup Tribe of Indians to perform fish recovery activities during the flowline outage in an amount not to exceed \$35,000.

### **BACKGROUND**

Cascade is conducting a flowline outage in 2021 from the headworks to the valve house in coordination with the U.S. Army Corps of Engineers' Mud Mountain Fish Passage Project. Cascade had previously conducted flowline outages in 2010 and 2014. During these outages, Cascade took the opportunity to inspect its facilities in the upper conveyance system, make necessary repairs, removed sediment from the flume and basins, and performed other maintenance activities that otherwise could not be performed while the flowline has water in it.

Originally, Cascade had planned to conduct the outage at the start of Phase 3 of the Corps' Fish Passage project and to have the Corps be responsible for fish recovery under their permit. This spring, Cascade learned that the Corps may not begin Phase 3 until October or later, which would significantly hamper the outage project. Subsequently, at Cascade's request, the Puyallup Tribe of Indians (PTI) approved Cascade's use of their scientific permit to conduct fish recovery. This enables Cascade to start the flowline outage in late August but shifts responsibility for fish recovery from the Corps to Cascade. Cascade is contracting with PTI to perform the fish recovery operation to collect, transport, and return fish present in the flowline safely back to the White River.

### **PROCUREMENT PROCESS**

PTI was selected to perform this work because of their experience doing fish recovery during the 2010 and 2014 outages and because the work is being performed under PTI's scientific permit. PTI is uniquely qualified to perform the fish recovery operation, and Cascade was very satisfied with their work during the two prior outages.

### **FISCAL IMPACT**

The requested contract authorization is for a not-to-exceed amount of \$35,000, inclusive of Washington State sales tax and reserve for contingency.

| Budget Line | 2021 Budget | Spent and Committed to Date | Available 2021 Budget | This Action | 2021 Remaining Balance |
|-------------|-------------|-----------------------------|-----------------------|-------------|------------------------|
| Outage      | \$835,000   | \$800,000                   | \$35,000              | \$35,000    | \$0                    |

Cascade's original budget for the flowline outage included \$600,000 in 2021 and \$200,000 in 2022. Because all the outage work is now expected to occur in 2021, with the addition of \$35,000 for fish recovery, Cascade transferred \$235,000 to the outage budget from O&M contingency and other O&M budget line items that are anticipated to be underspent in 2021. The following table summarizes all five outage-related contracts that Cascade is requesting authorization from the Board:

| <b>Contracted Activity</b>                      | <b>Vendor</b>  | <b>Not-to-Exceed Amount</b> |
|---|----------------|-----------------------------|
| Routine maintenance, including sediment removal | Johansen       | \$600,000                   |
| Vegetation maintenance                          | Kemp West      | \$70,000                    |
| Cleaning/vactoring and video inspection         | FloHawks       | \$40,000                    |
| Public works activities                         | Johansen       | \$90,000                    |
| Fish recovery                                   | Puyallup Tribe | \$35,000                    |
| <b>Total</b>                                    |                | <b>\$835,000</b>            |

### **OPTIONS**

1. Authorize the Chief Executive Officer to enter into a contract with the Puyallup Tribe of Indians to perform fish recovery activities during the flowline outage in an amount not to exceed \$35,000.
2. Do not authorize the Chief Executive Officer to enter into a contract with the Puyallup Tribe of Indians and provide alternate direction to staff.

### **RECOMMENDED ACTION**

Authorize the Chief Executive Officer to enter into a contract with the Puyallup Tribe of Indians to perform fish recovery activities during the flowline outage in an amount not to exceed \$35,000.

### **ATTACHMENTS**

None.

## **AGENDA MEMORANDUM**

### **SUBJECT**

Motion to authorize the Chief Executive Officer to execute purchase agreements for computer hardware and software required for SCADA and Security Improvement Project in an amount not to exceed \$127,000.

### **BACKGROUND**

The supervisory control and data acquisition (SCADA) system for the White River - Lake Tapps Reservoir Project (WRLTP) was installed by Puget Sound Energy in the 1990s and can no longer be supported. In 2019, Cascade completed a SCADA Master Plan to guide a comprehensive SCADA upgrade and replacement of existing outdated instrumentation and control systems originally designed for hydropower production.

Separately, Cascade has been engaged in a multi-year process of modernizing and installing security improvements for the WRLTP. In 2014, Cascade finalized a Security Master Plan intended to improve the security and reduce theft and vandalism of the entire WRLTP. Cascade designed and completed installation of high-priority recommendations (Phase I) from the Security Master Plan in 2018. The proposed SCADA and Security Improvement Project (Project) will complete implementation of improvements (Phase II) from the 2014 Security Master Plan.

The Project will include SCADA and Security Improvements at the following seven (7) facilities: powerhouse, tunnel intake, forebay, valve house, pipeline intake, fish screens, and headworks. Improvements include fabrication and installation of control panels, replacement of existing security video cameras and installation of new security video cameras, security lighting installation, and SCADA and security instrumentation installation.

Cascade awarded the construction contract to Source Electric, a general electrical contractor. To assure that Cascade has the latest version of the software and hardware and to realize saving by eliminate the mark-ups from the general contractor, Cascade decided to furnish owner provided computer hardware and software required to run and operate the SCADA and Security system. This item was brought to the April 21 Resource Management Committee.

### **PROCUREMENT PROCESS**

Cascade's SCADA/Security project design consultant assisted Cascade in determining the most suitable software. The SCADA software will be purchased from Industrial Software Solutions (ISS) as they are the only vendor authorized to sell it in the Pacific Northwest. The Security software will be purchased from Axxonsoft. The Security software will be purchased from the only US representative for Axxonsoft. In both cases, the software is only available from a single entity and the prices are fixed. The estimated cost of the software is \$77,000 inclusive of sales tax.

Cascade's IT consultant, TeamlogicIT, assisted Cascade in determining the SCADA computer hardware needs, researched vendors and recommended ProcureIT due to their pricing, past

performance, and their ability to deliver the hardware in time. The estimated cost of hardware is \$50,000 inclusive of sales tax.

### **FISCAL IMPACT**

| Budget Line                 | 2021 Budget | Spent and Committed to Date | Available 2021 Budget | This Action | 2021 Remaining Balance |
|-----------------------------|-------------|-----------------------------|-----------------------|-------------|------------------------|
| SCADA/Security Improvements | \$1,500,000 | \$1,096,467                 | \$403,533             | \$127,000   | \$276,533              |

### **OPTIONS**

1. Authorize the Chief Executive Officer to execute purchase agreements for computer hardware and software required for SCADA and Security Improvement Project in an amount not to exceed \$127,000.
2. Do not authorize the Chief Executive Officer to take such action and provide direction to staff accordingly.

### **RECOMMENDED ACTIONS**

Authorize the Chief Executive Officer to execute purchase agreements for computer hardware and software required for SCADA and Security Improvement Project in an amount not to exceed \$127,000.

### **ATTACHMENTS**

None.

## AGENDA MEMORANDUM

### **SUBJECT**

Motion to adopt Resolution No. 2021-06 approving the amendment of CWAC 2.05.270 and CWAC 2.10.020 to clarify remote participation at Board of Directors' meetings.

### **BACKGROUND**

The meetings of Cascade Water Alliance's Board of Directors ("Board") are subject to the Open Public Meetings Act, Chapter 42.30 RCW. Cascade's Bylaws, codified in Cascade Water Alliance Code ("CWAC") 2.05.270 and a provision regarding Regular Meetings at CWAC 2.10.020 were enacted by the Board during a time when remote participation in meetings was the rare exception and was conducted solely by telephone. During the last year, there has been advancements in electronic means for full real-time participation in meetings and the greater recognition of the benefits of creating flexibility and non-commuting modes for Board attendance.

Amendments to CWAC 2.05.270 and CWAC 2.10.020 would clarify that remote participation in meetings includes by telephonic means and other electronic means that permit communications with all other persons at the meeting. Thus, this would include video conferencing with all meeting, but not email which would not allow a full communication. The amendments also clarify that remote attendance need not be the exception.

CWAC 2.05.070 would be amended as follows:

Annual, regular and special meetings of the board as required by applicable law shall be open to the public, except for executive sessions which may be held as permitted by applicable law. Board members (or alternates) may appear at any meeting remotely via through a telephone or video conferencing device or other electronic means that permits communications with all other persons at the meeting.

CWAC 2.10.020 would be amended as follows:

2.10.020 Remote Attendance ~~via telephone.~~

The following rules shall govern board members' attendance at official board meetings remotely via telephone or other electronic means that permit communications with all other persons at the meeting:

- A. The meetings are in a location where the public can attend.
- B. All board members and the public are able to hear the conversations that are occurring remotely.
- C. All board members have access to all documentation that is available for action items.
- D. ~~Participation via telephone by board members at official Cascade meetings should be the exception and not the rule.~~
- E. Where board members are participating ~~via telephone~~ remotely, the board or committee chair should state for the record that board member \_\_\_\_\_ is attending the meeting ~~via telephone~~ remotely. The chair should then ask if the board

member can hear the chair. The chair should subsequently ask board members and the public if they can hear the board member participating ~~via the telephone~~ remotely.

### **PROCUREMENT PROCESS**

Not applicable.

### **FISCAL IMPACT**

None.

### **OPTIONS**

1. Adopt Resolution No. 2021-06 approving the amendment of CWAC 2.05.270 and CWAC 2.10.020 to clarify remote participation at Board of Directors' meetings.
2. Do not adopt Resolution No. 2021-06 approving the amendment of CWAC 2.05.270 and CWAC 2.10.020 and provide alternate direction to staff.

### **RECOMMENDED ACTIONS**

Adopt Resolution No. 2021-06 approving the amendment of CWAC 2.05.270 and CWAC 2.10.020 to clarify remote participation at Board of Directors' meetings.

### **ATTACHMENTS**

1. Proposed Resolution No. 2021-06.



CASCADE WATER ALLIANCE  
RESOLUTION No. 2021-06

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CASCADE WATER ALLIANCE,  
A WASHINGTON MUNICIPAL CORPORATION  
ADOPTING AMENDMENTS TO  
CASCADE WATER ALLIANCE CODE 2.05.270 AND 2.10.020

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 Board of Directors (“Board”) adopted Resolution 2009-05 regarding public meetings (Bylaws), now codified at Cascade Water Alliance Code (CWAC) 2.05.270, and adopted Resolution No. 2008-08 regarding attendance at official board meetings via telephone, now codified as CWAC 2.10.020; and

WHEREAS the Board now, for the purpose of facilitating meeting attendance by Board members, desires to amend CWAC 2.05.270 and CWAC 2.10.020.

NOW THEREFORE BE IT RESOLVED BY THE BOARD as follows:

**Section 1. Amendment of CWAC 2.05.270 and Resolutions 2009-05.**

CWAC 2.05.070 and Resolutions 2009-05 are amended as follows:

Annual, regular and special meetings of the board as required by applicable law shall be open to the public, except for executive sessions which may be held as permitted by applicable law. Board members (or alternates) may appear at any meeting remotely via ~~through a telephone or video conferencing device or other electronic means~~ that permits communications with all other persons at the meeting.

**Section 2. Amendment of CWAC 2.10.020 and Resolutions 2008-08.**

CWAC 2.10.020 and Resolutions 2008-08 are amended as follows:

2.10.020 Remote Attendance ~~via telephone.~~

The following rules shall govern board members' attendance at official board meetings remotely via telephone or other electronic means that permit communications with all other persons at the meeting:

A. The meetings are in a location where the public can attend.

B. All board members and the public are able to hear the conversations that are occurring remotely.

C. All board members have access to all documentation that is available for action items.

D. ~~Participation via telephone by board members at official Cascade meetings should be the exception and not the rule.~~

E. ~~Where board members are participating via telephone remotely,~~ the board or committee chair should state for the record that board member \_\_\_\_\_ is attending the meeting via telephone remotely. The chair should then ask if the board member can hear the chair. The chair should subsequently ask board members and the public if they can hear the board member participating via the telephone remotely.

### **Section 3. 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 the 28<sup>th</sup> day of July 2021.

CASCADE WATER ALLIANCE

\_\_\_\_\_  
John Stokes, Chair

\_\_\_\_\_  
Attest – Ray Hoffman, Chief Executive Officer

\_\_\_\_\_  
Penny Sweet, Vice Chair

Members

Yes \_\_\_\_\_

No \_\_\_\_\_

Demand Share

Yes \_\_\_\_\_ %

No \_\_\_\_\_ %

\_\_\_\_\_  
Angela Birney, Secretary/Treasurer

Include in CWAC?



Yes



No



## PUBLIC AFFAIRS COMMITTEE

Angela Birney, Chair, City of Redmond  
John Stokes, City of Bellevue  
Allan Ekberg, City of Tukwila  
Conrad Lee, City of Bellevue  
Ryika Hooshangi, Sammamish Plateau Water

### RECAP

Wednesday, July 7, 2021  
9:00 AM – 10:00 AM  
Held via Zoom

#### Call to Order

1. Chair Comments.
2. Executive Session.
3. Recommended for action at the July 28, 2021, Board Meeting.
4. Discussion Items.

- A. Problem-Based Learning for Water Systems Update.** Staff and vendor will update the committee on recent teacher labs and other developments with this program.

*Recap: Staff provided examples of program activities and resources that have been developed for teachers, such as curriculum development labs, lessons, and student impact projects. Some of these materials are now being paid for by new program partners (not Cascade).*

- B. Cascade Gardener 2021 Wrap-up.** For the first time, the 2021 Cascade Gardener program was entirely remote. Staff will update the committee on program achievements and lessons learned.

*Recap: The Spring Gardening class series had 1,405 attendees. The Summer series has six planned classes and currently around 700 people are registered. The classes provide a cost-effective way to engage residents on gardening and water efficiency topics.*

- C. Debrief on Lake Tapps Community Meeting.** Staff will update the committee on the Lake Tapps Community Meeting held on June 24.

*Recap: Staff provided an overview of attendance, the structure of the meeting and the partners that supported Cascade in presentations and answering questions. Questions from the community included topics such as milfoil, debris in the lake, wake boats and speeding, and timing for municipal water supply. Cascade and its partners are engaging in follow-up with community members whose questions were not fully answered at the*

*meeting. Cascade is also working with East Pierce Fire & Rescue to re-energize the SwimSafe campaign considering the recent drownings in Lake Tapps.*

- D. Half-Year Review of Outreach and Communications Calendar.** Staff will review progress on the committee's communications and outreach priorities for the year.

***Recap:** Staff briefly reviewed the calendar and discussed the changes in sponsorship opportunities. Cascade is being flexible and working with its members to find ways to be engaged in each community even as events are being canceled or changed.*

***Additional discussion item recap:** Diana Carlen, Cascade's state lobbyist, provided an interim update on the Open Public Meetings Act, utility shut off moratorium (extended through September 30) and the status of federal assistance funding working its way through the state system. Utilities will be working with the Department of Commerce to gather data on arrearages to support a budget request for additional assistance for unpaid utility bills.*

**5. Next Meeting Date and Location.**

The next meeting will be Wednesday, August 5, 2021, at 9:00 a.m. in Cascade's office.

***The committee canceled the August 5 meeting and rescheduled the September 1 meeting to September 8 at 9 am.***



**RESOURCE MANAGEMENT COMMITTEE**  
Lloyd Warren, Chair, Sammamish Plateau Water  
John Stokes, City of Bellevue  
Jon Ault, Skyway Water & Sewer District  
Ryika Hooshangi, Sammamish Plateau Water  
Zach Hall, City of Issaquah

**RECAP**  
**Thursday, July 8, 2021**  
**2:00 PM – 3:30 PM**  
**Held via Zoom**

1. **Chair Comments.**
2. **Executive Session.**
3. **Items Recommended for Action at the July 28, 2021, Board Meeting.**

- A. HDR Contract Amendment (Phase 3).** Motion to authorize the Chief Executive Officer to enter into Amendment No. 7 to the Consulting Agreement with HDR Engineering, Inc., to increase the maximum compensation amount by \$150,000, for a total amount not to exceed \$1,068,000.

***Recap:** The committee recommended that the HDR contract amendment be forwarded to the Board for approval under consent.*

- B. Outage Contract #1 – Routine Maintenance (including Sediment Removal).** Motion to authorize the Chief Executive Officer to enter a contract with Johansen Construction Company, Inc. to perform routine maintenance during the flowline outage in an amount not to exceed \$600,000.

***Recap:** The committee recommended that the routine maintenance contract be forwarded to the Board for approval under consent.*

- C. Outage Contract #2 – Vegetation Maintenance.** Motion to authorize the Chief Executive Officer to enter a contract with Kemp West, Inc. to perform vegetation maintenance during the flowline outage in an amount not to exceed \$70,000.

***Recap:** The committee recommended that the vegetation maintenance contract be forwarded to the Board for approval under consent.*

- D. Outage Contract #3 – Cleaning, Vactoring and Video inspection.** Motion to authorize the Chief Executive Officer to enter a contract with Northwest Cascade, Inc. to perform cleaning, vactoring, and TV pipeline inspections and to provide portable toilets during the flowline outage in an amount not to exceed \$40,000.

***Recap:** The committee recommended that the cleaning, vactoring and video inspection contract be forwarded to the Board for approval under consent.*

- E. Outage Contract #4 – Public Works Activities.** Motion to authorize the Chief Executive Officer to enter a contract with Johansen Construction Company, Inc. to perform minor public works tasks during the flowline outage in an amount not to exceed \$90,000.

*Recap: The committee recommended that the public works activities contract be forwarded to the Board for approval under consent.*

- F. Outage Contract #5 – Fish Recovery.** Motion to authorize the Chief Executive Officer to enter into a contract with the Puyallup Tribe of Indians to perform fish recovery activities during the flowline outage in an amount not to exceed \$35,000.

*Recap: The committee recommended that the fish recovery contract be forwarded to the Board for approval under consent.*

- G. Computer Hardware and Software for SCADA Security.** Motion to Authorize the Chief Executive Officer to execute purchase agreements for computer hardware and software required for SCADA and Security Improvement project in an amount not to exceed \$127,000.

*Recap: The committee recommended that the computer hardware and software for SCADA Security contract be forwarded to the Board for approval under consent.*

#### **4. Discussion Items.**

- A. Debrief on June 30 Workshop.** Cascade will summarize the results of the Board's June 30 workshop on Cascade's future with respect to long-term supply.

*Recap: The committee discussed the June 30 workshop and thought it went well. They appreciated the transparency of the information that was provided and are looking forward to discussing the Water Supply Development Fund resolutions in October.*

- B. Milfoil Update.** Staff will update the committee on its plan to treat milfoil in Lake Tapps this summer.

*Recap: Notifications about the upcoming milfoil treatment were sent out, and Phase 1 of treatment will begin in mid-July. Staff discovered a new area that needs to be treated during Phase 2. This new site has historically had milfoil issues but has not previously been treated with Procellacor. Phase 2 will occur in August.*

- C. Flume Trail Agreement Update.** Staff will update the committee on the flume trail negotiations, including compensation discussions regarding a water quality benefit to Cascade.

*Recap: The operations and maintenance terms of the proposed easement agreement are nearing completion. Staff discussed the compensation issue, which is not resolved yet. Cascade is working with Pierce County Parks staff on compensation terms and has requested a meeting with Pierce County Surface Water to discuss potential stormwater outfall retrofits. Outfall retrofits along the flow line would provide a water quality benefit to Cascade. Staff will continue to negotiate with Pierce County and update the committee at its next meeting.*

#### **D. Projects (in general) Update.**

***Debrief on Lake Tapps Community Meeting Recap:*** Staff updated the committee on the Lake Tapps Community Meeting held on June 24. Staff provided an overview of attendance, the structure of the meeting and the partners that supported Cascade in presentations and answering questions. Questions from the community included topics such as milfoil, debris in the lake, wake boats and speeding, and timing for municipal water supply. Cascade and its partners are engaging in follow-up with community members whose questions were not fully answered at the meeting. Cascade is also working with East Pierce Fire & Rescue to re-energize the SwimSafe campaign in light of the recent drownings in Lake Tapps.

#### **5. Next Meeting Date and Location.**

The next meeting will be Thursday, August 12 ,2021, from 2:00 p.m. – 3:30 p.m. held via Zoom meeting.

***The committee canceled its August 12 meeting.***