

REGIONAL WATER SUPPLY SYSTEM 2022 CAPITAL BUDGET-FINAL

| | 2021 RWSS Budget | 2021 Actuals Jan to Aug | 2021 Projections Sept to Dec | 2021 Total | 2021 Variance | 2022 RWSS Budget | Notes |
|--|------------------|-------------------------|------------------------------|------------------|-----------------|------------------|---|
| Major Water Treatment Equipment: First Diversion | 87,769 | 91,132 | 3,259 | 94,391 | (6,622) | 54,095 | This fund is available for large capital costs that are shared, but unknown at the time of budgeting. \$300k budgeted for 21/22 Bien + \$26,500 Carry-Forward for GRFF Access Platforms in 2021. |
| Major Water Treatment Equipment: RWSS Kent | 22,207 | 23,057 | 825 | 23,882 | (1,675) | 13,687 | Potential Capital Project for 2021-2022 Estimated Cost |
| Major Water Treatment Equipment: RWSS Covington | 22,207 | 23,057 | 825 | 23,882 | (1,675) | 13,687 | <ul style="list-style-type: none"> Upgrade YSI sondes \$45,000 Upgrade PLC for blending/ozone \$35,000 |
| Major Water Treatment Equipment: RWSS Lakehaven | 22,207 | 23,057 | 825 | 23,882 | (1,675) | 13,687 | <ul style="list-style-type: none"> Userland network switches \$45,000 Replace existing actuators at intake or GRFF (assume 2 Rotorks) \$34,000 Upgrade fluoride analyzers \$15,000 |
| Major Water Treatment Equipment: RWSS Tacoma | 47,611 | 49,436 | 1,768 | 51,204 | (3,592) | 29,345 | <ul style="list-style-type: none"> Replace compressors for ozone system nitrogen boost \$30,000 Add ambient ozone analyzer to flocc deck structure \$15,000 Add online alkalinity analyzers \$30,000 Handrail modifications for improved filter bed access \$30,000 Replace variable frequency drives in Chem Plant \$20,000 Miscellaneous upgrades/improvements during the biennium \$27,500 |
| Total Major Water Treatment Equipment | 202,000 | 209,740 | 7,501 | 217,241 | (15,241) | 124,500 | |
| Watershed Betterments: First Diversion | 54,313 | 14,402 | 21,725 | 36,127 | 18,185 | 32,588 | This fund is available for large capital costs that are shared, but unknown at the time of budgeting. |
| Watershed Betterments: RWSS Kent | 13,742 | 3,644 | 5,497 | 9,141 | 4,601 | 8,245 | |
| Watershed Betterments: RWSS Covington | 13,742 | 3,644 | 5,497 | 9,141 | 4,601 | 8,245 | Potential Capital Project for 2021-2022 Estimated Cost |
| Watershed Betterments: RWSS Lakehaven | 13,742 | 3,644 | 5,497 | 9,141 | 4,601 | 8,245 | <ul style="list-style-type: none"> Mainline culvert upgrades \$100,000 12 Mile Rock Pit Crushing \$75,000 |
| Watershed Betterments: RWSS Tacoma | 29,463 | 7,813 | 11,785 | 19,598 | 9,865 | 17,678 | Projects of opportunity \$25,000 |
| Total Watershed Betterments | 125,000 | 33,146 | 50,000 | 83,146 | 41,854 | 75,000 | |
| RWSS Watershed Tools and Equipment: First Diversion | 10,863 | 785 | - | 785 | 10,077 | 32,588 | This fund is available for large capital costs that are shared, but unknown at the time of budgeting. |
| RWSS Watershed Tools and Equipment: RWSS Kent | 2,748 | 199 | - | 199 | 2,550 | 8,245 | |
| RWSS Watershed Tools and Equipment: RWSS Covington | 2,748 | 199 | - | 199 | 2,550 | 8,245 | Potential Capital Project for 2021-2022 Estimated Cost |
| RWSS Watershed Tools and Equipment: RWSS Lakehaven | 2,748 | 199 | - | 199 | 2,550 | 8,245 | <ul style="list-style-type: none"> Snow removal equipment \$20,000 Physical security & access control \$15,000 |
| RWSS Watershed Tools and Equipment: RWSS Tacoma | 5,893 | 426 | - | 426 | 5,466 | 17,678 | <ul style="list-style-type: none"> Surveillance equipment \$10,000 Firefighting equipment \$15,000 Unforeseen emergency needs \$25,000 |
| RWSS Watershed Tools and Equipment | 25,000 | 1,808 | - | 1,808 | 23,192 | 75,000 | |
| Security Gates and Cameras: First Diversion | 4,490 | - | - | - | 4,490 | - | |
| Security Gates and Cameras: RWSS Kent | 1,071 | - | - | - | 1,071 | - | |
| Security Gates and Cameras: RWSS Covington | 1,071 | - | - | - | 1,071 | - | Project on hold until land transfer is complete. |
| Security Gates and Cameras: RWSS Lakehaven | 1,071 | - | - | - | 1,071 | - | |
| Security Gates and Cameras: RWSS Tacoma | 2,297 | - | - | - | 2,297 | - | |
| Total Security Gates and Cameras | 10,000 | - | - | - | 10,000 | - | |
| HHD Additional Storage Project: RWSS Kent | 1,944 | 3,386 | 486 | 3,872 | (1,928) | 5,832 | |
| HHD Additional Storage Project: RWSS Covington | 1,944 | 3,386 | 486 | 3,872 | (1,928) | 5,832 | |
| HHD Additional Storage Project: RWSS Lakehaven | 1,944 | 3,386 | 486 | 3,872 | (1,928) | 5,832 | |
| HHD Additional Storage Project: RWSS Tacoma | 4,168 | 7,259 | 1,042 | 8,301 | (4,133) | 12,504 | |
| Total HHD Additional Storage Project | 10,000 | 17,417 | 2,500 | 19,917 | (9,917) | 30,000 | |
| Fleet Additions and Replacements: First Diversion | 126,005 | 91,264 | 45,623 | 136,886 | (10,881) | 23,898 | Budget consists of 3 replacement Watershed Patrol vehicles and addition of tractor for Watershed maintenance. |
| Fleet Additions and Replacements: RWSS Kent | 31,881 | 23,091 | 11,543 | 34,634 | (2,753) | 6,046 | |
| Fleet Additions and Replacements: RWSS Covington | 31,881 | 23,091 | 11,543 | 34,634 | (2,753) | 6,046 | \$205,527.28=2021 Tractor Cost \$50,000=2021 Watershed F150 \$55,000=2021 Watershed F250 \$55,000=2022 Watershed F250 |
| Fleet Additions and Replacements: RWSS Lakehaven | 31,881 | 23,091 | 11,543 | 34,634 | (2,753) | 6,046 | |
| Fleet Additions and Replacements: RWSS Tacoma | 68,353 | 49,507 | 24,749 | 74,256 | (5,903) | 12,964 | Partners have already contributed funds for this project but those funds will be exhausted in 2021. Partners should budget full 2022 amount in 2022. |
| Total Fleet Additions and Replacements | 290,000 | 210,043 | 105,000 | 315,043 | (25,043) | 55,000 | |
| RWSS North Fork Wells Replacement & Renewal: First Diversion | 37,612 | - | - | - | 37,612 | 112,731 | |
| RWSS North Fork Wells Replacement & Renewal: RWSS Kent | 6,471 | - | - | - | 6,471 | 19,395 | |
| RWSS North Fork Wells Replacement & Renewal: RWSS Covington | 6,471 | - | - | - | 6,471 | 19,395 | This contingency fund is available for large capital costs associated with the Northfork Wells that are shared, but unknown at the time of budgeting. 2021 budget was reduced to account for Fish Hopper project. |
| RWSS North Fork Wells Replacement & Renewal: RWSS Lakehaven | 6,471 | - | - | - | 6,471 | 19,395 | |
| RWSS North Fork Wells Replacement & Renewal: RWSS Tacoma | 13,874 | - | - | - | 13,874 | 41,584 | |
| RWSS North Fork Wells Replacement & Renewal | 70,900 | - | - | - | 70,900 | 212,500 | |
| RWSS North Fork Wells Control Valves: First Diversion | 23,873 | 10,558 | 7,958 | 18,515 | 5,357 | - | |
| RWSS North Fork Wells Control Valves: RWSS Kent | 4,107 | 1,816 | 1,369 | 3,186 | 922 | - | |
| RWSS North Fork Wells Control Valves: RWSS Covington | 4,107 | 1,816 | 1,369 | 3,186 | 922 | - | Project to be completed in 2021 |
| RWSS North Fork Wells Control Valves: RWSS Lakehaven | 4,107 | 1,816 | 1,369 | 3,186 | 922 | - | |
| RWSS North Fork Wells Control Valves: RWSS Tacoma | 8,806 | 3,895 | 2,935 | 6,830 | 1,976 | - | |
| RWSS North Fork Wells Control Valves | 45,000 | 19,902 | 15,000 | 34,902 | 10,098 | - | |
| North Fork Wells PFC Capacitors: First Diversion | 45,093 | 421 | 24,923 | 25,344 | 19,749 | 26,104 | The project will replace the aging PFCCs with new units. PFCCs will be installed at North Fork Well 6. Installation will be according to current standard practices, and each PFCC will be wired so that it is powered only when its corresponding motor is running. |
| North Fork Wells PFC Capacitors: RWSS Kent | 7,758 | 72 | 4,288 | 4,360 | 3,398 | 4,491 | Increase 2022 Budget to \$49,206 |
| North Fork Wells PFC Capacitors: RWSS Covington | 7,758 | 72 | 4,288 | 4,360 | 3,398 | 4,491 | 21/22 Budget remains unchanged at \$96,980 |
| North Fork Wells PFC Capacitors: RWSS Lakehaven | 7,758 | 72 | 4,288 | 4,360 | 3,398 | 4,491 | |
| North Fork Wells PFC Capacitors: RWSS Tacoma | 16,633 | 155 | 9,193 | 9,349 | 7,285 | 9,629 | |
| RWSS North Fork Wells PFC Capacitors | 85,000 | 794 | 46,980 | 47,774 | 37,226 | 49,206 | |
| Fish Transfer Hoppers Upgrade: First Diversion | 62,933 | 18,622 | 5,333 | 23,956 | 38,978 | 78,520 | |
| Fish Transfer Hoppers Upgrade: RWSS Kent | 15,296 | 4,526 | 1,296 | 5,823 | 9,474 | 19,085 | Budget adjustment approved 11/13/2020 by RWSS Project Committee |
| Fish Transfer Hoppers Upgrade: RWSS Covington | 15,296 | 4,526 | 1,296 | 5,823 | 9,474 | 19,085 | Total FY22 projection is \$176,671 |
| Fish Transfer Hoppers Upgrade: RWSS Lakehaven | 15,296 | 4,526 | 1,296 | 5,823 | 9,474 | 19,085 | Project has increased in cost and is expected to be completed in 2022 |
| Fish Transfer Hoppers Upgrade: RWSS Tacoma | 32,778 | 9,699 | 2,778 | 12,477 | 20,301 | 40,896 | |
| Fish Transfer Hoppers Upgrade | 141,600 | 41,900 | 12,000 | 53,900 | 87,700 | 176,671 | |
| RWSS VHF: First Diversion | 538,745 | 92,219 | 311,829 | 404,048 | 134,697 | - | |
| RWSS VHF: RWSS Kent | 128,577 | 22,009 | 74,421 | 96,430 | 32,147 | - | Budget adjustment approved 4/9/2021 by RWSS Project Committee |
| RWSS VHF: RWSS Covington | 128,577 | 22,009 | 74,421 | 96,430 | 32,147 | - | Project coming in approx \$200k under budget |
| RWSS VHF: RWSS Lakehaven | 128,577 | 22,009 | 74,421 | 96,430 | 32,147 | - | Project expected to be complete in 2021 |
| RWSS VHF: RWSS Tacoma | 275,523 | 47,162 | 159,474 | 206,637 | 68,886 | - | |
| RWSS VHF | 1,200,000 | 205,408 | 694,568 | 899,976 | 300,024 | - | |
| RWSS P5 Move Advance Payment: RWSS Kent | - | - | - | - | - | 286,418 | |
| RWSS P5 Move Advance Payment: RWSS Covington | - | - | - | - | - | 286,418 | |
| RWSS P5 Move Advance Payment: RWSS Lakehaven | - | - | - | - | - | 286,418 | |
| RWSS P5 Move Advance Payment: RWSS Tacoma | - | - | - | - | - | 613,753 | |
| RWSS P5 Move Advance Payment | - | - | - | - | - | 1,473,008 | |
| First Diversion Tacoma | 991,695 | 319,403 | 420,650 | 740,053 | 251,642 | 360,523 | |
| RWSS Kent | 235,802 | 81,801 | 99,725 | 181,526 | 54,277 | 371,444 | |
| RWSS Covington | 235,802 | 81,801 | 99,725 | 181,526 | 54,277 | 371,444 | |
| RWSS Lakehaven | 235,802 | 81,801 | 99,725 | 181,526 | 54,277 | 371,444 | |
| RWSS Tacoma | 505,398 | 175,352 | 213,724 | 389,077 | 116,322 | 796,029 | |
| Total RWSS Shared Capital | 2,204,500 | 740,157 | 933,549 | 1,673,706 | 530,794 | 2,270,885 | |