



**REGIONAL DISTRICT OF CENTRAL KOOTENAY**

**FAUQUIER WATER SERVICE  
COMMUNITY ADVISORY COMMITTEE  
DISCUSSION OUTLINE**

**TIME:** 1:30 pm PST  
**DATE:** Friday, November 21, 2025  
**LOCATION:** Fauq Centre, 344 Spruce Street, Fauquier

**Join by Video:**

<https://rdck-bc-ca.zoom.us/j/92363222534?pwd=fTWufKYNPIHWgO87M9aIZq9ofHzu87.1>

**Dial by your location**

- 833 955 1088 Canada Toll-free

**Meeting ID:** 923 6322 2534

**Passcode:** 453482

**COMMITTEE MEMBERS**

Committee Member Chris Galea

Committee Member Todd Smith

Committee Member CJ McKinnon

Committee Member Pat Kula

Committee Member Dean McLean

Director Teresa Weatherhead

Area K, Ex-officio

**COMMITTEE MEMBERS ABSENT**

**STAFF**

Chris Gainham

Utilities Manager

Alex Divlakovski

Water Operations Manager

**1. WELCOME AND INTRODUCTIONS**

**2. STAFF REPORTS**

**2.1 Fauquier CAC Meeting Presentation - System Summary, Financial Plan and Rates, 5 Year Capital Plan, Asset Management Planning & Rate Drivers**

The presentation from Chris Gainham, Utility Services Manager, re: System Summary, Financial Plan and Rates, 5 Year Capital Plan, Asset Management Planning & Rate Drivers, has been received.

**2.2 Operations & Maintenance Update**

Staff will provide a verbal update on Operations and Maintenance.

**3. 2025-2029 BOARD ADOPTED FINANCIAL PLAN REVIEW**

**4. DRAFT 2026-2030 DETAILED BUDGET FOR FAUQUIER WATER SERVICE**

A copy of the detailed 2026-2030 DRAFT Budget for Service S254 Water Utility – Area K (Fauquier) is provided.

**5. NEXT ASSEMBLY**

The next assembly of Fauquier Water Service Community Advisory Committee is scheduled in accordance with Section of 9 (1) of the RDCK Drainage, Water and Wastewater System Community Advisory Committee Bylaw No. 2858.



# Fauquier Water System Community Advisory Committee Meeting

**Presented by:** Chris Gainham – Utility Services Manager  
Alex Divlakovski – Water Operations Manager

**Date:** November 21, 2025

[rdck.ca](http://rdck.ca)



## Outline

- 1 Overview
- 2 System Summary
- 3 Financial Plan and Rates
- 4 Planned Capital Works
- 5 Asset Management Planning and Reserve Needs
- 6 Discussions with BCHydro

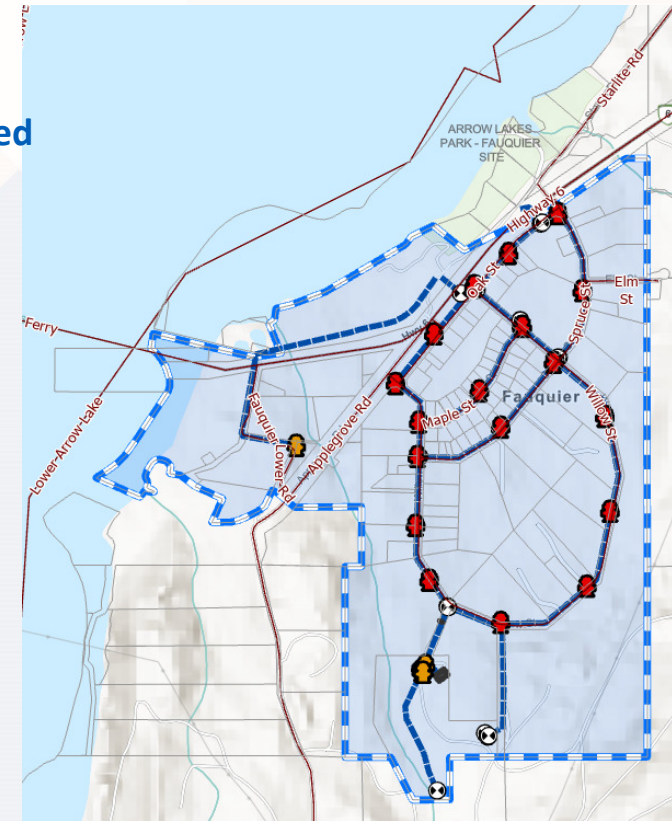


## System Summary

- The system was constructed in 1966 as part of a compensation program associated with the construction of the Keenlyside Dam.
- Became an RDCK system in 2011.
- 93 active connections
- Heart Creek Source Water
- 6.4 km of distribution watermain, mostly asbestos concrete pipe
- 2 reservoirs
- 18 hydrants
- 2015 Treatment Plant Construction

### Treatment Process:

- Coarse screening
- Sand filtration for turbidity reduction
- Chlorination for bacteria and virus disinfection





# 2025-2029 Financial Plan – S254 Fauquier Water Utility

REGIONAL DISTRICT OF CENTRAL KOOTENAY

ADOPTED 2025-2029 FINANCIAL PLAN

## S254 Water Utility-Area K (Fauquier)

### INCOME

| Account             | Description                  | 2024 DRAFT     | 2024 Budget    | 2025 Budget    | 2026 Budget    | 2027 Budget    | 2028 Budget    | 2029 Budget    |
|---------------------|------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 41015               | Parcel Taxes                 | 61,122         | 57,743         | 63,469         | 69,767         | 76,695         | 80,506         | 84,507         |
| 42020               | Sale of Services             | 316            | 0              | 0              | 0              | 0              | 0              | 0              |
| 42030               | User Fees                    | 160,439        | 164,795        | 181,274        | 199,402        | 219,342        | 230,309        | 241,824        |
| 43100               | Proceeds from Borrowing      | 0              | 0              | 0              | 0              | 0              | 0              | 150,000        |
| 44020               | Investment Income & Interest | 0              | 5,000          | 0              | 0              | 0              | 0              | 0              |
| 45000               | Transfer from Reserves       | 0              | 5,000          | 20,000         | 300,000        | 80,000         | 200,000        | 150,000        |
| 49100               | Prior Year Surplus           | 39,213         | 36,987         | 22,757         | 0              | 0              | 0              | 0              |
| <b>Total Income</b> |                              | <b>261,090</b> | <b>269,525</b> | <b>287,500</b> | <b>569,169</b> | <b>376,037</b> | <b>510,815</b> | <b>626,331</b> |

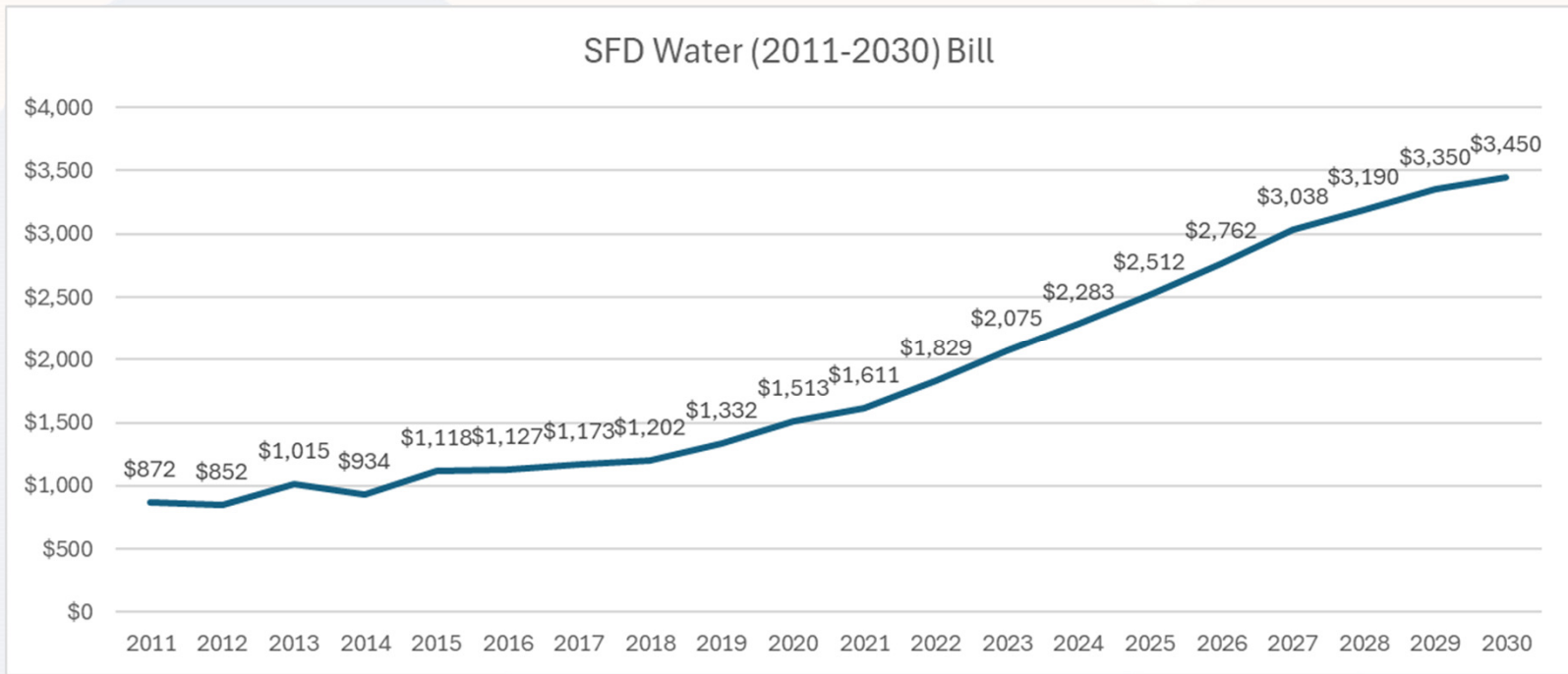
### EXPENSES

| Account               | Description  | 2024 DRAFT     | 2024 Budget    | 2025 Budget    | 2026 Budget    | 2027 Budget    | 2028 Budget    | 2029 Budget    |
|-----------------------|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 51010                 | Salaries   | 1,226          | 3,981          | 2,248          | 4,129          | 4,212          | 4,296          | 4,382          |
| 51020                 | Overtime   | 0              | 353            | 356            | 366            | 373            | 380            | 388            |
| 51030                 | Benefits   | 412            | 1,002          | 680            | 1,040          | 1,060          | 1,082          | 1,103          |
| 51500                 | Directors - Allowance & Stipend                        | 439            | 434            | 0              | 0              | 0              | 0              | 0              |
| 52010                 | Travel   | 0              | 127            | 131            | 134            | 137            | 140            | 143            |
| 52030                 | Memberships, Dues & Subscriptions                      | 365            | 300            | 308            | 316            | 323            | 329            | 336            |
| 53030                 | Communication  | 199            | 268            | 275            | 282            | 288            | 294            | 300            |
| 53050                 | Insurance  | 3,759          | 4,853          | 4,984          | 5,119          | 5,221          | 5,326          | 5,432          |
| 53080                 | Licence & Permits                                      | 403            | 548            | 563            | 578            | 590            | 601            | 613            |
| 54030                 | Contracted Services                                    | 47,975         | 47,351         | 48,630         | 49,943         | 50,942         | 51,961         | 53,000         |
| 55010                 | Repairs & Maintenance                                  | 6,403          | 10,529         | 9,659          | 9,920          | 10,119         | 10,321         | 10,527         |
| 55020                 | Operating Supplies                                     | 1,324          | 549            | 564            | 579            | 591            | 602            | 615            |
| 55025                 | Chemicals  | 6,739          | 10,689         | 10,978         | 11,274         | 11,500         | 11,730         | 11,964         |
| 55030                 | Equipment  | 0              | 552            | 567            | 582            | 594            | 606            | 618            |
| 55040                 | Utilities  | 8,803          | 10,557         | 10,842         | 11,135         | 11,358         | 11,585         | 11,817         |
| 55060                 | Rentals  | 234            | 414            | 425            | 437            | 446            | 454            | 464            |
| 59000                 | Contribution to Reserve                                | 98,022         | 103,022        | 75,560         | 88,907         | 121,209        | 132,350        | 145,400        |
| 59500                 | Transfer to Other Service                              | 5,215          | 6,738          | 7,408          | 15,955         | 7,094          | 7,236          | 7,269          |
| 59510                 | Transfer to Other Service - General Admin. Fee         | 7,640          | 7,640          | 8,480          | 8,734          | 8,996          | 9,266          | 9,544          |
| 59520                 | Transfer to Other Service - IT Fee                     | 4,870          | 4,870          | 4,870          | 5,016          | 5,167          | 5,322          | 5,481          |
| 59550                 | Transfer to Other Service - Environmental Services Fee | 49,748         | 49,748         | 79,972         | 54,723         | 55,817         | 56,934         | 56,934         |
| 60000                 | Capital Expenditures                                   | 0              | 5,000          | 20,000         | 300,000        | 80,000         | 200,000        | 300,000        |
| <b>Total Expenses</b> |  | <b>243,776</b> | <b>269,525</b> | <b>287,500</b> | <b>569,169</b> | <b>376,037</b> | <b>510,815</b> | <b>626,331</b> |
| <b>Total Service</b>  |  | <b>17,314</b>  | <b>0</b>       | <b>0</b>       | <b>0</b>       | <b>0</b>       | <b>0</b>       | <b>0</b>       |

| 2025 Water User Rates       | Proposed 2026 Water User Rates                           | Overall Increase |
|-----------------------------|--|------------------|
| \$1,786 SFD                 | \$1,965 SFD  | 10%              |
| \$725 Parcel Tax            | \$797 Parcel Tax   | 10%              |
| <b>\$2,512 Total Annual</b> | <b>\$2,762 Total Annual<br/>(10% increase over 2025)</b> | <b>10%</b>       |



## 2025-2029 Financial Plan – S254 Fauquier Water Utility



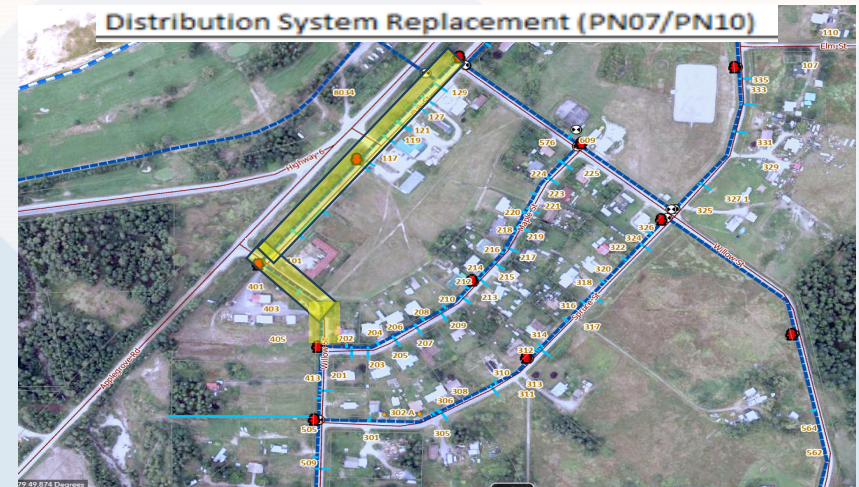
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## 5 Year Capital Projects

| CAPITAL EXPENSES |             |   | 2026    | 2027   | 2028   | 2029    | 2030    |
|------------------|-------------|---|---------|--------|--------|---------|---------|
| Account          |             |   | Budget  | Budget | Budget | Budget  | Budget  |
| 60000            | CAP913-100  | FAU-Treatment Pilots                            | 5,000   |        |        |         |         |
| 60000            | CAP1001-100 | Standby Power, Pump Upgrade & Abandon Upper Res |         | 96,000 |        |         |         |
| 60000            | CAP1002-100 | UV Disinfection                                 |         |        |        | 200,000 |         |
| 60000            | CAP1213-100 | FAU W - 2021 Distribution - PN07/PN10           | 285,000 |        |        |         |         |
| 60000            | Need CAP    | FAU W - Pre-Filter                              | 60,000  |        |        |         |         |
| 60000            | Need CAP    | FAU W - Concrete Reservoir Replacement          |         |        |        | 29,000  |         |
| 60000            | CAP1548-100 | FAU W - Distribution System Replacement         |         |        |        |         | 291,000 |
| Capital Expenses |             |   | 350,000 | 96,000 | 0      | 229,000 | 291,000 |

- \$350,000 capital budget for 2026 including distribution system AC replacement and process treatment optimization to better address seasonally high turbidity
- \$966,000 identified in out to 2031



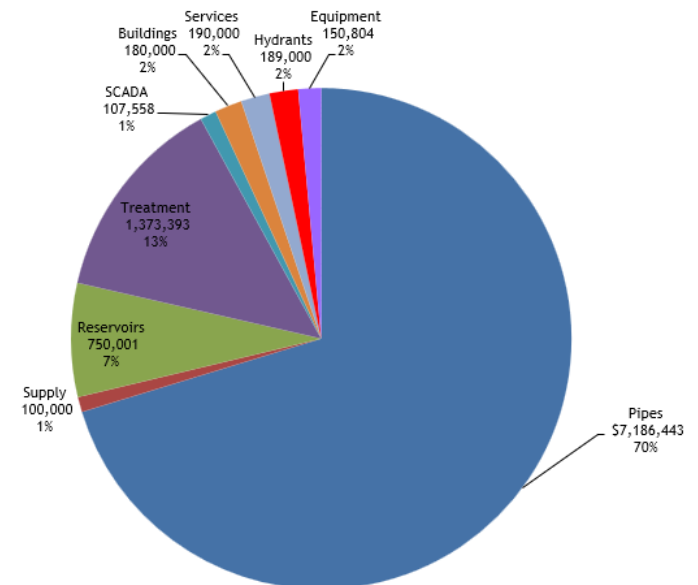


## Asset Management Planning for Fauquier

### Short term (25 year) and long term (100 yr) forecasts

|            | Asset Type | Estimated Value in \$2024 | 25 Yr Estimated CapEx | 100 Yr Estimated CapEx |
|------------|------------|---------------------------|-----------------------|------------------------|
| Pipes      | Pipes      | \$ 7,186,443              | \$ 6,867,007          | \$ 14,061,126          |
| Supply     | Supply     | 100,000                   | 100,000               | 200,000                |
| Storage    | Reservoirs | 750,001                   | 750,001               | 750,003                |
| Treatment  | Treatment  | 1,373,393                 | 584,632               | 2,836,418              |
| SCADA      | SCADA      | 107,558                   | -                     | 215,117                |
| Structures | Buildings  | 180,000                   | 180,000               | 360,000                |
| Service    | Services   | 190,000                   | 190,000               | 380,000                |
| Hydrant    | Hydrants   | 189,000                   | 189,000               | 378,000                |
| Equipment  | Equipment  | 150,804                   | 250,804               | 855,411                |
|            |            | \$ 10,227,199             | \$ 9,111,443          | \$ 20,036,075          |

Figure 1: Fauquier 2024 WATER Assets Replacement Value: \$10,227,199





# Asset Management Planning

## Vertical Assets - WTP, structures, pumps, reservoirs

| Item ID      | Asset Category | Asset Desc.                           | Notes  | Qty | In Service Year | Model ESL | Next Replacement Year | Model Replacement Value |
|--------------|----------------|---------------------------------------|--|-----|-----------------|-----------|-----------------------|-------------------------|
| NL9          | Equipment      | Fence                                 | fence for reservoir site                     | 1   | 1990            | 30        | 2020                  | 3,000                   |
| NL1          | Equipment      | Pump                                  | Booster pumps (for pressurized s             | 2   | 2002            | 15        | 2022                  | 100,000                 |
| NL11         | Hydrant        | Constructed Hydrants                  | System Assessment                            | 18  | 1968            | 50        | 2025                  | 189,000                 |
| 7            | SCADA          | Controls supply and installation      |  |     | 2015            | 50        | 2065                  | 107,558                 |
| NL6          | Service        | Service                               | service lines                                | 76  | 1968            | 50        | 2025                  | 190,000                 |
| NL2          | Storage        | Steel Reservoir                       | reservoir for upper pressure zone            | 1   | 1990            | 40        | 2022                  | 1                       |
| NL5          | Storage        | Concrete Reservoir                    | old reservoir                                | 1   | 1968            | 80        | 2048                  | 750,000                 |
| NL3          | Structures     | Cement/Concrete                       | building that houses backwash pi             | 1   | 2002            | 50        | 2048                  | 80,000                  |
| 12           | Structures     | Booster pump concrete/wood frame buil | Houses the two booster pumps                 | 1   | 2002            | 50        | 2048                  | 100,000                 |
| NL7          | Supply         | Headwall Intake (concrete)            | River Intake Valve                           | 1   | 1968            | 50        | 2018                  | 100,000                 |
| 4            | Treatment      | Equipment - monitoring etc            | UVT monitor, chlorine residual meters, f     |     | 2015            | 30        | 2048                  | 53,779                  |
| 9            | Equipment      | Generator and associated works        | Used during power outage only                |     | 2015            | 30        | 2048                  | 47,804                  |
| 10           | Treatment      | Backwash building and pumps/controls  | Located in Storage building (NL3)            |     | 2015            | 30        | 2048                  | 35,853                  |
| 2            | Treatment      | Media Filters                         | MEL proprietary sand filter                  | 4   | 2015            | 40        | 2048                  | 495,000                 |
| 1            | Treatment      | WTP Building                          |  | 1   | 2015            | 50        | 2065                  | 418,282                 |
| 3            | Treatment      | External Pipework, Valves             | All inlet/outlet pipework to supply system   |     | 2015            | 50        | 2065                  | 143,411                 |
| 5            | Treatment      | Internal pipework - valves, pipes     | Internal water pipes and valves              |     | 2015            | 50        | 2065                  | 89,632                  |
| 6            | Treatment      | Electrical supply and panel           | All electrical works onsite to service the W |     | 2015            | 50        | 2065                  | 59,755                  |
| 8            | Treatment      | Propane heating and tanks             | Used during power outage only                |     | 2015            | 50        | 2065                  | 17,926                  |
| 11           | Treatment      | Backwash infiltration reservoir       | Gravel infiltration basin                    | 1   | 2015            | 50        | 2065                  | 59,755                  |
| <b>Total</b> | <b>20</b>      |                                       |  |     |                 |           |                       | <b>3,040,756</b>        |



# Asset Management Planning - Linear Assets - Pipes

| Item ID      | Asset Category | Description  | Qty         | Unit Type | Unit Cost | Type | Diameter Today | In Service Year | AGEVESL | Pressure | Number Connections | Base ESL | RBSL | Next Replacement Year | Model Replacement Value |
|--------------|----------------|--|-------------|-----------|-----------|------|----------------|-----------------|---------|----------|--------------------|----------|------|-----------------------|-------------------------|
| PN02         | Pipes          | main line from main res to system                      | 176.6       | m         | 1129      | AC   | 200            | 1968            | 112%    | 20       | 50                 | 50       | 55   | 2023                  | 199,381.40              |
| PN03         | Pipes          | if this line fails, everyone runs out of water.        | 447.1       | m         | 1129      | AC   | 200            | 1968            | 112%    | 22       | 50                 | 50       | 55   | 2023                  | 504,756.08              |
| PN04         | Pipes          | can be isolated - affects 20% of residents if it fails | 500.3       | m         | 1074      | AC   | 150            | 1968            | 112%    | 60       | 10                 | 50       | 55   | 2023                  | 537,312.93              |
| PN05         | Pipes          |  | 97.0        | m         | 1129      | AC   | 200            | 1968            | 112%    | 64       | 0                  | 50       | 55   | 2023                  | 109,499.32              |
| PN06         | Pipes          |  | 420.5       | m         | 1129      | AC   | 200            | 1968            | 112%    | 64       | 20                 | 50       | 55   | 2023                  | 474,707.41              |
| PN07         | Pipes          |  | 452.8       | m         | 1074      | AC   | 150            | 1968            | 112%    | 80       | 5                  | 50       | 50   | 2018                  | 486,349.77              |
| PN08         | Pipes          |  | 1069.3      | m         | 1074      | AC   | 150            | 1968            | 112%    | 90       | 10                 | 50       | 55   | 2023                  | 1,148,463.99            |
| PN09         | Pipes          | Raw water intake                                       | 373.6       | m         | 1129      | AC   | 200            | 1968            | 112%    | 10       | 50                 | 50       | 55   | 2023                  | 421,794.40              |
| PN10         | Pipes          |  | 48.5        | m         | 1074      | AC   | 150            | 1968            | 112%    | 80       | 0                  | 50       | 55   | 2023                  | 52,051.38               |
| PN11         | Pipes          |  | 164.1       | m         | 1074      | AC   | 150            | 1968            | 112%    | 60       | 0                  | 50       | 55   | 2023                  | 176,210.54              |
| PN12         | Pipes          |  | 773.8       | m         | 1074      | AC   | 150            | 1968            | 112%    | 80       | 10                 | 50       | 55   | 2023                  | 831,103.58              |
| PN13         | Pipes          |  | 135.3       | m         | 1074      | AC   | 150            | 1968            | 112%    | 70       | 0                  | 50       | 55   | 2023                  | 145,309.99              |
| PN14         | Pipes          |  | 12.1        | m         | 1074      | AC   | 150            | 1968            | 112%    | 65       | 10                 | 50       | 55   | 2023                  | 13,034.54               |
| PN15         | Pipes          |  | 996.7       | m         | 1074      | AC   | 150            | 1968            | 112%    | 81       | 5                  | 50       | 55   | 2023                  | 1,070,442.58            |
| PN16         | Pipes          | upper reservoir out/in line                            | 350.6       | m         | 1129      | AC   | 200            | 1968            | 112%    | 60       | 50                 | 50       | 50   | 2018                  | 395,875.89              |
| PN17         | Pipes          |  | 16.2        | m         | 1074      | AC   | 150            | 1968            | 112%    | 10       | 50                 | 50       | 55   | 2023                  | 17,424.43               |
| PN18         | Pipes          | upper zone booster station discharge, upper res fi     | 3.1         | m         | 1032      | AC   | 100            | 1968            | 112%    | 60       | 0                  | 50       | 47.5 | 2016                  | 3,195.07                |
| PN19         | Pipes          |  | 163.8       | m         | 1074      | AC   | 150            | 1968            | 112%    | 40       | 0                  | 50       | 55   | 2023                  | 175,882.97              |
| PN20         | Pipes          | golf course line                                       | 92.0        | m         | 1032      | AC   | 100            | 1968            | 112%    | 90       | 0                  | 50       | 47.5 | 2016                  | 94,957.92               |
| PN21         | Pipes          | Upper zone booser station suction                      | 5.6         | m         | 1032      | AC   | 100            | 1968            | 112%    | 20       | 0                  | 50       | 55   | 2023                  | 5,796.16                |
| PN24         | Pipes          | Drain Line   | 3.3         | m         | 1032      | AC   | 100            | 1968            | 112%    | 10       | 0                  | 50       | 55   | 2023                  | 3,456.15                |
| PN27         | Pipes          |  | 22.5        | m         | 1129      | AC   | 200            | 2015            | 18%     | 10       | 50                 | 50       | 57.5 | 2073                  | 25,402.50               |
| PN30         | Pipes          |  | 6.0         | m         | 1074      | C900 | 150            | 2015            | 11%     | 10       | 0                  | 80       | 96   | 2111                  | 6,444.00                |
| PN31         | Pipes          | Backwash line  | 50.7        | m         | 1074      | PVC  | 150            | 2015            | 11%     |          |                    | 80       | 96   | 2111                  | 54,451.80               |
| PN32         | Pipes          | Treated Water To Storage                               | 51.8        | m         | 1129      | PVC  | 200            | 2015            | 11%     |          |                    | 80       | 96   | 2111                  | 58,482.20               |
| PN33         | Pipes          | Backwash drain from WTP                                | 72.3        | m         | 1129      | PVC  | 200            | 2015            | 11%     |          |                    | 80       | 96   | 2111                  | 81,626.70               |
| PN34         | Pipes          | Raw water inlet  | 82.4        | m         | 1129      | PVC  | 200            | 2015            | 11%     |          |                    | 80       | 96   | 2111                  | 93,029.60               |
| <b>Total</b> | <b>27</b>      |  | <b>6588</b> |           |           |      |                |                 |         |          |                    |          |      |                       | <b>7,186,443</b>        |



## Asbestos Concrete Pipe

**AC Pipe Removal**  
This table provides AC pipe removal cost estimates but costs are not included in other asset management plan reporting

| Item ID      | Asset Category | Description   | Data Source | Notes  | Qty          | Unit Ty | Unit Co | Type | Diameter Today | In Service Year | Next Replacem ent Ye | Removal Unit Co | Removal Ct       |
|--------------|----------------|---|-------------|--|--------------|---------|---------|------|----------------|-----------------|----------------------|-----------------|------------------|
| PN20         | Pipes          | golf course line  | 2401        |  | 92.0         | m       | 938     | AC   | 100            | 1968            | 2016                 | 500             | 46,006.74        |
| PN18         | Pipes          | upper zone booster station discharge, upper res fill line                               | 2424        |  | 3.1          | m       | 938     | AC   | 100            | 1968            | 2016                 | 500             | 1,548.00         |
| PN07         | Pipes          |   | 2550        |  | 452.8        | m       | 976     | AC   | 150            | 1968            | 2018                 | 500             | 226,419.82       |
| PN16         | Pipes          | upper reservoir out/in line   | 2715        |  | 350.6        | m       | 1026    | AC   | 200            | 1968            | 2018                 | 500             | 175,321.47       |
| PN24         | Pipes          | Drain Line  | 2232        |  | 3.3          | m       | 938     | AC   | 100            | 1968            | 2023                 | 500             | 1,674.49         |
| PN21         | Pipes          | Upper zone booster station suction  | 2548        |  | 5.6          | m       | 938     | AC   | 100            | 1968            | 2023                 | 500             | 2,808.22         |
| PN17         | Pipes          |   | 2541        |  | 16.2         | m       | 976     | AC   | 150            | 1968            | 2023                 | 500             | 8,111.93         |
| PN02         | Pipes          | main line from main res to system   | 2542        |  | 179.6        | m       | 1026    | AC   | 200            | 1968            | 2023                 | 500             | 89,776.76        |
| PN03         | Pipes          | If this line fails, everyone runs out of water.   | 2553        |  | 447.1        | m       | 1026    | AC   | 200            | 1968            | 2023                 | 500             | 223,541.22       |
| PN09         | Pipes          | Raw water intake  | 2554        | this line affects everyone but is low pressur gravity and so would have a longer life expectancy | 373.6        | m       | 1026    | AC   | 200            | 1968            | 2023                 | 500             | 186,800.00       |
| PN08         | Pipes          |   | 2545        |  | 1069.3       | m       | 976     | AC   | 150            | 1968            | 2023                 | 500             | 534,666.66       |
| PN12         | Pipes          |   | 2551        |  | 773.8        | m       | 976     | AC   | 150            | 1968            | 2023                 | 500             | 386,919.73       |
| PN15         | Pipes          |   | 2425        |  | 996.7        | m       | 976     | AC   | 150            | 1968            | 2023                 | 500             | 498,343.84       |
| PN10         | Pipes          |   | 2544        |  | 48.5         | m       | 976     | AC   | 150            | 1968            | 2023                 | 500             | 24,232.48        |
| PN06         | Pipes          |   | 2422        |  | 420.5        | m       | 1026    | AC   | 200            | 1968            | 2023                 | 500             | 210,233.57       |
| PN04         | Pipes          | can be isolated from system and only effect 1/5th of residents if it completely failed. | 2546        | can be isolated from system and only effect 1/5th of residents if it completely failed.          | 500.3        | m       | 976     | AC   | 150            | 1968            | 2023                 | 500             | 250,145.68       |
| PN14         | Pipes          |   | 2547        |  | 12.1         | m       | 976     | AC   | 150            | 1968            | 2023                 | 500             | 6,068.22         |
| PN05         | Pipes          | only one service connection   | 2427        | only one service connection  | 97.0         | m       | 1026    | AC   | 200            | 1968            | 2023                 | 500             | 48,493.94        |
| PN11         | Pipes          |   | 2419        |  | 164.1        | m       | 976     | AC   | 150            | 1968            | 2023                 | 500             | 82,034.70        |
| PN13         | Pipes          |   | 2420        |  | 135.3        | m       | 976     | AC   | 150            | 1968            | 2023                 | 500             | 67,648.97        |
| PN19         | Pipes          |   | 2423        |  | 163.8        | m       | 976     | AC   | 150            | 1968            | 2023                 | 500             | 81,882.20        |
| <b>Total</b> |                |   |             |  | <b>6,305</b> |         |         |      |                |                 |                      |                 | <b>3,152,679</b> |

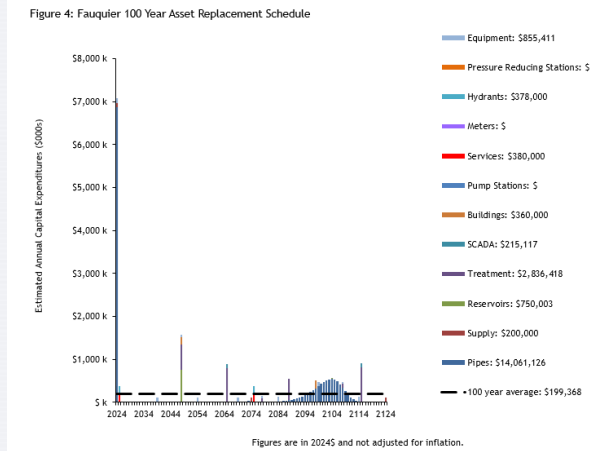
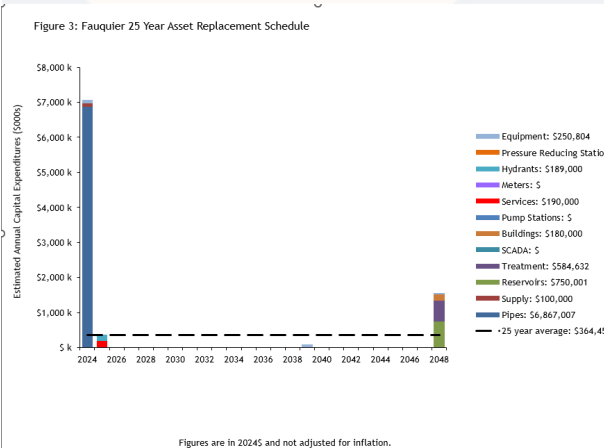
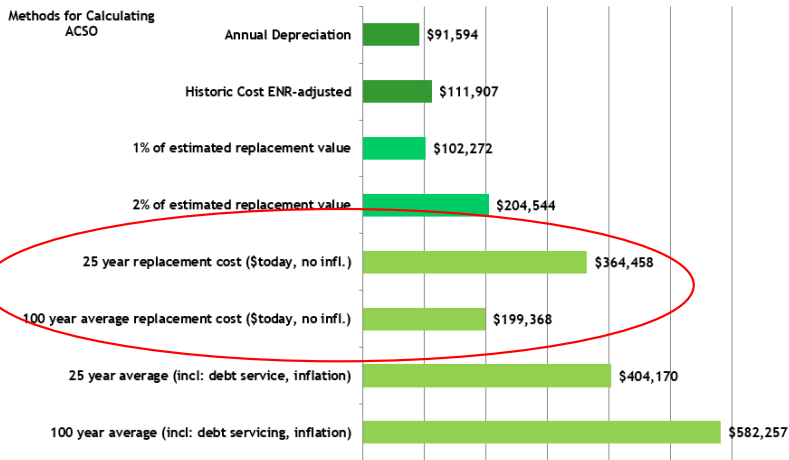
- Handled separately in asset management planning
- Issues with relatively short lifespan - ~50 years compared to modern pipe materials ~ 80 years
- High costs associated with removal, disposal and handling costs
- RDCK Board Approved “Decommissioning Asbestos Cement Pipe Policy 600-03-08” is intended to manage costs associated with removal and allows for “abandon-in-place” option depending on health and safety issues and cost to remove vs abandon in place (abandon in place if the estimated per meter cost of asbestos cement pipe removal is greater than 75% of the estimated per meter cost of new pipe installation.





# Determining Required Reserve Contributions for Sustainability

## Fauquier WATER Annual Cost of Sustainable Ownership (Capital Cost)





## Discussions With BCHydro

- RDCK Water Services staff initiated discussions with BC Hydro to engage senior staff on long-standing challenges related to asset replacement and overall system sustainability.
- Engagement to date has included two formal meetings between RDCK and BC Hydro staff.
- RDCK has provided BC Hydro with a comprehensive summary memo outlining current infrastructure conditions, planned capital works, asset management considerations, historical rate information, and the reserve contributions required to support long-term system sustainability, and the lack of grant opportunities that could help fund required watermain replacements.
- Discussions are ongoing



**Thank You**

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