

Comparison of Measured Flows to Allocated Flows in Bylaw 4304

| Allocation Point | Allocated Peak Daily Flow (ML/day) | Peak 24 Hr. Flow | | | |
|--|------------------------------------|-------------------------------------|-------------------------|--|-------------------------|
| | | Past Year (Mar 2022 to Mar 2023) | | 5-yr Rainfall Event (Statistical; based on multiple storms from recent years) | |
| | | ML/day | % of Allocated Capacity | ML/day | % of Allocated Capacity |
| COLWOOD | | | | | |
| Total <i>(Calculated as Parson's minus Meaford. During large storm events, the Parson's meter is not reliable, and the storm flows are calculated. The Parson's meter is being replaced in late 2023 / early 2024).</i> | 18.8 | 5.6 | 29% | 7.7 | 41% |
| ESQUIMALT | | | | | |
| Esquimalt Panhandle | 0.48 | 0.35 | 72% | 0.44 | 91% |
| Lang Cove PS (DND) | 0.50 | 0.27 | 53% | 2.00 | 0.85 |
| Lang Cove PS (Esquimalt) | 0.78 | 0.36 | 46% | 3.10 | 2.10 |
| Dockyard | 4.04 | 3.16 | 78% | 3.52 | 87% |
| Kinver | 1.76 | 1.72 | 98% | 2.20 | 125% |
| Pooley Place <i>(Flows are based on a correlation with an adjacent catchment. Catchment is not suitable for metering due to small size and multiple connections to the CRD system.)</i> | 0.24 | 0.17 | 69% | 0.21 | 87% |
| Devonshire | 7.40 | 7.36 | 99% | 10.91 | 147% |
| Wilson | 1.48 | 1.13 | 76% | 1.48 | 100% |
| Head | 6.72 | 5.34 | 79% | 7.82 | 116% |
| Anson | 0.97 | 0.48 | 49% | 0.63 | 65% |
| Total | 28.36 | 21.77 | 77% | 30.16 | 106% |
| LANGFORD | | | | | |
| Total <i>(Meaford)</i> | 56.48 | 15.40 | 27% | 17.01 | 30% |
| OAK BAY | | | | | |
| Windsor | 11.68 | 13.78 | 118% | 16.24 | 139% |
| Humber <i>(This catchment has combined sewers. It frequently overflows during moderate to large storm events but the overflow volumes aren't measured. The peak flow values noted to the right are less than actual as they do not include overflow volumes.)</i> | 2.40 | 4.14 | 172% | 4.29 ¹ | 177% ¹ |
| Rutland <i>(This catchment has combined sewers. It frequently overflows during moderate to large storm events but the overflow volumes aren't measured. The peak flow values noted to the right are less than actual as they do not include overflow volumes.)</i> | 1.48 | 5.07 | 342% | 5.92 ¹ | 400% ¹ |

Appendix C

| Allocation Point | Allocated Peak Daily Flow (ML/day) | Peak 24 Hr. Flow | | | |
|---|------------------------------------|-------------------------------------|-------------------------|--|-------------------------|
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| | | ML/day | % of Allocated Capacity | ML/day | % of Allocated Capacity |
| Currie Net <i>(The data is based on storm events since February 2022 when the treatment plant conveyance system upgrades were completed; eliminating upstream overflows for sub 5-year rainfall events.)</i> | 3.88 | 6.91 | 178% | >6.91 ¹ | >178% ¹ |
| Currie Lift Station | 6.48 | 8.64 | 133% | 12.29 | 190% |
| Harling Point PS | 0.79 | 1.35 | 171% | 1.86 | 236% |
| Total <i>(The peak flows noted to the right are lower than actual due to unmeasured upstream overflows at Humber and Rutland. Also, the data is only based on storms since the treatment plant conveyance system upgrades were completed in early 2022.)</i> | 26.48 | 37.957 | 143% | >37.957 ¹ | >143% ¹ |
| SAANICH | | | | | |
| Marigold PS | 52.76 | 52.76 | 43% | 35.32 | 67% |
| City Boundary | 23.52 | 23.52 | 31% | 10.97 | 47% |
| Harriet | 13.08 | 13.08 | 55% | 9.37 | 72% |
| Townley | 2.44 | 2.44 | 49% | 1.97 | 81% |
| Haultain | 2.27 | 2.27 | 29% | 1.14 | 50% |
| Arbutus | 28.31 | 28.31 | 33% | 20.95 | 74% |
| Haro - UVic | 3.17 | 3.17 | 26% | 0.81 | 26% |
| Penrhyn LS | 3.73 | 3.73 | 52% | 2.99 | 80% |
| Total | 131.56 | 131.56 | 38% | 83.52 | 63% |
| VICTORIA | | | | | |
| Cecelia | 12.57 | 9.65 | 77% | 14.76 | 117% |
| Chapman & Gorge <i>(Flows are based on a correlation with an adjacent catchment. Plans are in place to install a meter in 2024)</i> | 1.43 | 4.11 | 294% | 4.98 | 356% |
| Selkirk <i>(Flows are based on a correlation with an adjacent catchment. Plans are in place to install a meter in late 2023 / 2024)</i> | 1.11 | 0.22 | 20% | 0.39 | 35% |
| Langford - Vic West | 0.77 | 0.77 | 100% | 1.32 | 171% |
| Hereward | 7.65 | 4.04 | 53% | 6.52 | 85% |
| Sea Terrace <i>(The flume appears to surcharge during large storms. Options are being explored to address this issue.)</i> | 1.32 | 2.96 | 224% | 2.96 | 224% |
| Trent Net | 29.25 | 24.75 | 84% | 43.06 | 147% |
| Hollywood | 2.16 | 5.07 | 235% | 7.43 | 344% |
| Olive | 92.24 | 34.48 | 37% | 63.00 | 68% |
| Clover Net <i>(Flows are calculated using data from other cost sharing meters.)</i> | 100.71 | 49.15 | 49% | | |
| Total | 153.19 | 99.07 | 65% | 150.64 | 98% |

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| VIEW ROYAL | | | | | |
| Craigflower PS <i>(Flows for this catchment are substantially impacted by the Parson's mag meter, which is being replaced in late 2023 / 2024 to improve accuracy during storm events.)</i> | 14.16 | 3.5 | 25% | 7.1 | 50% |
| Shoreline Trunk | 0.55 | 0.4 | 71% | 0.50 | 91% |
| Total | 14.17 | 3.9 | 27% | 7.1 | 50% |
| ESQUIMALT NATION | | | | | |
| Esquimalt Nation <i>(Flows are calculated. Plans are in place to install a meter in late 2023 / early 2024)</i> | 0.28 | 0.21 | 74% | 0.35 | 126% |
| SONGHEES NATION | | | | | |
| Songhees Nation | 2.36 | 1.82 | 77% | 2.49 | 106% |
| Maplebank | 0.04 | 0.010 | 24% | 0.005 | 13% |
| Total | 2.52 | 1.82 | 72% | 3.09 | 106% |

¹ Value is lower than actual because there are unmeasured upstream overflows.