

2011 Bacteriological Summary

Location Class: R8 D/S RESERVOIRS (includes Sooke)

| Location Class                        | Month  | Bacterial<br>Water<br>Samples<br>Collected | Total Coliforms                |                   |                                  |                                 | E.coli<br>Samples > 0<br>CFU/100mL | Fecal<br>Coliforms<br>Samples<br>FC > 0<br>CFU/100mL | Turbidity            |                    | Chlorine<br>Residual<br>Monthly<br>Median<br>mg/L as Cl2 | Water<br>Temperature<br>Monthly<br>Median<br>Degrees C. |
|---------------------------------------|--------|--|--------------------------------|-------------------|----------------------------------|---------------------------------|------------------------------------|--|----------------------|--------------------|--|---|
|                                       |        |  | Samples<br>TC > 0<br>CFU/100mL | TC > 0<br>Percent | Resamples<br>TC > 0<br>CFU/100mL | Samples<br>TC > 10<br>CFU/100mL |                                    |  | Samples<br>Collected | Adverse > 1<br>NTU |  |   |
| D/S RESERVOIRS (includes Sooke)<br>R8 | JAN    | 73   | 0                              | .0%               | 0                                | 0                               | 0                                  | 7  | 2                    | .68                | 5.9  |   |
|                                       | FEB    | 59   | 1                              | 1.7%              | 0                                | 1                               | 0                                  | 3  | 0                    | .67                | 6.1  |   |
|                                       | MAR    | 76   | 0                              | .0%               | 0                                | 0                               | 0                                  | 5  | 0                    | .66                | 6.1  |   |
|                                       | APR    | 69   | 0                              | .0%               | 0                                | 0                               | 0                                  | 3  | 0                    | .59                | 7.8  |   |
|                                       | MAY    | 83   | 2                              | 2.4%              | 0                                | 0                               | 0                                  | 3  | 0                    | .46                | 10.1   |   |
|                                       | JUN    | 93   | 4                              | 4.3%              | 1                                | 0                               | 0                                  | 3  | 0                    | .50                | 13.2   |   |
|                                       | JUL    | 78   | 0                              | .0%               | 0                                | 0                               | 0                                  | 4  | 0                    | .50                | 15.2   |   |
|                                       | AUG    | 87   | 2                              | 2.3%              | 0                                | 0                               | 0                                  | 4  | 0                    | .35                | 17.6   |   |
|                                       | SEP    | 79   | 3                              | 3.8%              | 0                                | 0                               | 0                                  | 3  | 0                    | .27                | 18.1   |   |
|                                       | OCT    | 83   | 7                              | 8.4%              | 0                                | 1                               | 1                                  | 4  | 0                    | .27                | 14.5   |   |
|                                       | NOV    | 91   | 1                              | 1.1%              | 0                                | 0                               | 0                                  | 3  | 0                    | .44                | 9.9  |   |
|                                       | DEC    | 77   | 3                              | 3.9%              | 0                                | 1                               | 0                                  | 5  | 0                    | .73                | 7.0  |   |
|                                       | Totals | 948  | 23                             | 2.4%              | 1                                | 3                               | 1                                  | 47   | 2                    | .49                | 10.7   |   |

NOTES: > = Greater than, TC = Total Coliforms, FC = Fecal Coliforms, TCBK = Background colonies on a Total Coliform membrane filter, CFU = Colony Forming Units

COMMENTS: