Appendix C. Results of Chemical Analyses on Water Samples from Lake Crescent and Streams

Table C1. Fairholm Creek at Fairholm, Washington, 480307123545710, nutrients and suspended sediment.

[°C, degrees Celsius; mg/L, milligrams per liter; <, less than; --, no data. All data, except U.S. Geological Survey National Water Quality Laboratory data, are shown at reporting levels calculated for this study.]

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<th>Total Phosphorus, (as P) in mg/L</th>
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<th>Total Nitrogen, (as N) in filtered water, mg/L</th>
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**Fairholm Creek at Mouth at Fairholm, Washington (no station number), nutrients.**

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1Whole water sample acidified in the field.
2Analyses by USGS National Water Quality Laboratory
Table C2. Lapoel Creek near Fairholm, Washington, 480310123521410, nutrients and suspended sediment.

[°C, degrees Celsius; mg/L, milligrams per liter; <, less than; --, no data. All data, except U.S. Geological Survey National Water Quality Laboratory data, are shown at reporting levels calculated for this study. μS/cm, microseimens per cm at 25°C]

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Lapoel Creek at Mouth near Fairholm, Washington (no station number), nutrients.

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1Whole water sample acidified in the field.
2Analyses by USGS National Water Quality Laboratory.
Table C3. Smith Creek near Fairholm, Washington, 480305123490410, nutrients and suspended sediment.

[°C, degrees Celsius; mg/L, milligrams per liter; <, less than; --, no data. All data, except U.S. Geological Survey National Water Quality Laboratory data, are shown at reporting levels calculated for this study.]

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1Whole water sample acidified in the field.
2Analysis by USGS National Water Quality Laboratory.
### Table C4. Barnes Creek near Piedmont, Washington, 12043530, nutrients and suspended sediment.

[°C, degrees Celsius; mg/L, milligrams per liter; <, less than; --, no data. All data, except U.S. Geological Survey National Water Quality Laboratory data, are shown at reporting levels calculated for this study.]

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<th>Total Phosphorus, (as P) in mg/L</th>
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1 Whole water sample acidified in the field.
2 Analysis by USGS National Water Quality Laboratory.
Table C5. Piedmont Creek at Piedmont, Washington, 480544123472610, nutrients and suspended sediment.

[^\textsuperscript{1}]C, degrees Celsius; mg/L, milligrams per liter; E, estimated; <, less than; --, no data. All data, except U.S. Geological Survey National Water Quality Laboratory data, are reported to detection limits and reporting levels calculated for this study.

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Piedmont Creek at Mouth at Piedmont, Washington (no station number), nutrients.

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[^1]Whole water sample acidified in the field.

[°C, degrees Celsius; mg/L, milligrams per liter; E, estimated; <, less than; --, no data. All data, except U.S. Geological Survey National Water Quality Laboratory data, are reported to detection limits and reporting levels calculated for this study.]

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1 Whole water sample acidified in the field.
2 Analytical results from U.S. Geological Survey National Water Quality Laboratory, Denver, Colorado.
Table C7. Lake Crescent station LS02 480508123455710, nutrients

[mg/L, milligrams per liter; E, estimated; <, less than. All data are reported to detection limits and reporting levels calculated for this study.]

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Table C8. Lake Crescent station LS04 480333123503210, nutrients.

[mg/L, milligrams per liter; E, estimated; <, less than. All data are reported to detection limits and reporting levels calculated for this study.]

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Table C9. Lake Crescent station LS02 480508123455710, July 26, 2006, major-ion and trace-element analyses from U.S. Geological Survey National Water Quality Laboratory, Denver Colorado.

[mg/L, milligrams per liter; ANC, Acid neutralizing capacity, laboratory fixed endpoint at 4.5 pH; CaCO₃, calcium carbonate; ROE at 180°C, Residue on evaporation, dried at 180 degrees Celsius; µg/L, micrograms per liter; µS/cm at 25°C, microsiemens per centimeter at 25 degrees Celsius; E, estimated; <, less than.]

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<th>Sampling Depth, meters</th>
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<th>Magnesium, water, filtered, mg/L</th>
<th>Potassium, water, filtered, mg/L</th>
<th>Sodium, water, filtered, mg/L</th>
<th>ANC, water, filtered, mg/L as CaCO₃</th>
<th>Bromide, water, filtered, mg/L</th>
<th>Chloride, water, filtered, mg/L</th>
<th>Fluoride, water, filtered, mg/L</th>
<th>Silica, water, filtered, mg/L</th>
<th>Sulfate, water, filtered, mg/L</th>
<th>ROE, water, filtered, mg/L</th>
<th>Aluminum, water, filtered, µg/L</th>
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<tr>
<th>Time</th>
<th>Sampling Depth, meters</th>
<th>Antimony, water, filtered, µg/L</th>
<th>Arsenic, water, filtered, µg/L</th>
<th>Barium, water, filtered, µg/L</th>
<th>Beryllium, water, filtered, µg/L</th>
<th>Boron, water, filtered, µg/L</th>
<th>Cadmium, water, filtered, µg/L</th>
<th>Chromium, water, filtered, µg/L</th>
<th>Cobalt, water, filtered, µg/L</th>
<th>Copper, water, filtered, µg/L</th>
<th>Iron, water, filtered, µg/L</th>
<th>Lead, water, filtered, µg/L</th>
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<td>E.3</td>
<td>E.03</td>
<td>0.2</td>
<td>&lt;.2</td>
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<td>1.7</td>
<td>E.30</td>
<td>&lt;.04</td>
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| Time  | Sampling Depth, meters | Manganese, water, filtered, µg/L | Molybdenum, water, filtered, µg/L | Nickel, water, filtered, µg/L | Selenium, water, filtered, µg/L | Silver, water, filtered, µg/L | Strontium, water, filtered, µg/L | Thallium, water, filtered, µg/L | Vanadium, water, filtered, µg/L | Zinc, water, filtered, µg/L | Uranium (natural), water, filtered, µg/L |
|-------|------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-----------------------------|---------------------------------|
| 1255  | 1                      | <.6                             | --                             | --                             | --                             | --                           | --                           | --                           | --                           | --                           | --                           | --                             |
| 1200  | 130                    | <.2                             | E.3                           | E.03                            | 0.2                           | <.2                         | 71.9                          | <.04                         | 1.7                          | E.30                          | <.04                         | --                             |

<table>
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<tr>
<th>Time</th>
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<th>pH, water, unfiltered, laboratory, standard units</th>
<th>Specific conductance, water, unfiltered, laboratory, µS/cm at 25°C</th>
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<td>117</td>
</tr>
<tr>
<td>1200</td>
<td>130</td>
<td>7.0</td>
<td>117</td>
</tr>
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</table>
Table C10. Lake Crescent station LS04 480333123503210, July 26, 2006, major-ion and trace-element analyses from U.S. Geological Survey National Water Quality Laboratory, Denver Colorado

[mg/L, milligrams per liter; ANC, Acid neutralizing capacity, laboratory fixed endpoint at 4.5 pH; CaCO₃, calcium carbonate; ROE at 180°C, Residue on evaporation, dried at 180 degrees Celsius; µg/L, micrograms per liter; µS/cm at 25°C, microsiemens per centimeter at 25 degrees Celsius; E, estimated; <, less than.]

<table>
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<th>Time</th>
<th>Sampling Depth, meters</th>
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<td>Magnesium, water, filtered, mg/L</td>
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<td>Potassium, water, filtered, mg/L</td>
<td>Potassium, water, filtered, mg/L</td>
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| Time    | Antimony, water, filtered, µg/L | Antimony, water, filtered, µg/L | Antimony, water, filtered, µg/L | Antimony, water, filtered, µg/L | Antimony, water, filtered, µg/L |
|---------| Arsenic, water, filtered, µg/L | Arsenic, water, filtered, µg/L | Arsenic, water, filtered, µg/L | Arsenic, water, filtered, µg/L | Arsenic, water, filtered, µg/L |
|         | Barium, water, filtered, µg/L | Barium, water, filtered, µg/L | Barium, water, filtered, µg/L | Barium, water, filtered, µg/L | Barium, water, filtered, µg/L |
|         | Beryllium, water, filtered, µg/L | Beryllium, water, filtered, µg/L | Beryllium, water, filtered, µg/L | Beryllium, water, filtered, µg/L | Beryllium, water, filtered, µg/L |
|         | Cadmium, water, filtered, µg/L | Cadmium, water, filtered, µg/L | Cadmium, water, filtered, µg/L | Cadmium, water, filtered, µg/L | Cadmium, water, filtered, µg/L |
|         | Chromium, water, filtered, µg/L | Chromium, water, filtered, µg/L | Chromium, water, filtered, µg/L | Chromium, water, filtered, µg/L | Chromium, water, filtered, µg/L |
|         | Cobalt, water, filtered, µg/L | Cobalt, water, filtered, µg/L | Cobalt, water, filtered, µg/L | Cobalt, water, filtered, µg/L | Cobalt, water, filtered, µg/L |
|         | Copper, water, filtered, µg/L | Copper, water, filtered, µg/L | Copper, water, filtered, µg/L | Copper, water, filtered, µg/L | Copper, water, filtered, µg/L |
|         | Iron, water, filtered, µg/L | Iron, water, filtered, µg/L | Iron, water, filtered, µg/L | Iron, water, filtered, µg/L | Iron, water, filtered, µg/L |
|         | Lead, water, filtered, µg/L | Lead, water, filtered, µg/L | Lead, water, filtered, µg/L | Lead, water, filtered, µg/L | Lead, water, filtered, µg/L |
|         | Lithium, water, filtered, µg/L | Lithium, water, filtered, µg/L | Lithium, water, filtered, µg/L | Lithium, water, filtered, µg/L | Lithium, water, filtered, µg/L |
|         | Uranium (natural), water, filtered, µg/L | Uranium (natural), water, filtered, µg/L | Uranium (natural), water, filtered, µg/L | Uranium (natural), water, filtered, µg/L | Uranium (natural), water, filtered, µg/L |

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