## Kensington 2011 Sampling Dates by Site

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Lower Slate</th>
<th>East Fork Slate</th>
<th>Upper Slate</th>
<th>West Fork Slate</th>
<th>Lower Johnson</th>
<th>Middle Johnson</th>
<th>Upper Johnson</th>
<th>Lower Sherman</th>
<th>Middle Sherman</th>
<th>Upper Sherman</th>
<th>Sweeny</th>
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<tbody>
<tr>
<td>Periphyton Sampling</td>
<td>7/29/11</td>
<td>7/28/11</td>
<td>7/28/11</td>
<td>7/29/11</td>
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<tr>
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<td>5/12/11</td>
<td>5/4/11</td>
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<td>N/A</td>
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<td>Spawning Substrate Sampling</td>
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<td>7/18/11-5/21/11</td>
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<td>7/13/11</td>
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<td>8/13/11</td>
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<td>8/19/11</td>
<td>7/12/11</td>
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<td>8/10/2011</td>
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<td>Parameters</td>
<td>Sampling Frequency</td>
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<tr>
<td>Lower Slate Creek</td>
<td>Anadromous section, draining into Berners Bay, below an undisputed barrier; a waterfall approximately 25 meters high.</td>
<td>APDES</td>
<td>Periphyton biomass (as chlorophyll-a concentrations)</td>
<td>1/year</td>
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<td></td>
<td>APDES</td>
<td>Abundance and composition of benthic macroinvertebrates</td>
<td>1/year</td>
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<td>Resident fish population and condition</td>
<td>1/year</td>
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<td></td>
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<td>APDES</td>
<td>Resident fish metals concentrations (Al, Ag, Cd, Cr, Cu, Pb, Hg, Ni, Se, and Zn)</td>
<td>1/year</td>
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<td>Sediment toxicity and metals concentrations (Al, Ag, Cd, Cr, Cu, Pb, Hg, Ni, Se, and Zn)</td>
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<td>East Fork Slate Creek</td>
<td>Reach consisting mostly of cascade falls located directly below the tailings treatment facility to the top of the barrier waterfall.</td>
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<td>Periphyton biomass (as chlorophyll-a concentrations)</td>
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<td>Resident fish population and condition</td>
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<td>NPDES</td>
<td>Aquatic vegetation survey</td>
<td>1/year</td>
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<td>West Fork Slate Creek</td>
<td>A Slate Creek tributary located outside of mine influence.</td>
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<td>Periphyton biomass (as chlorophyll-a concentrations)</td>
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<td>APDES</td>
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<td>Upper Slate Creek</td>
<td>Control site, inlet located on the north side of upper Slate Lake outside of mine influence.</td>
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<td>Periphyton biomass (as chlorophyll-a concentrations)</td>
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<td>Abundance and composition of benthic macroinvertebrates</td>
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<td>Resident fish population and condition</td>
<td>1/year</td>
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<td>Resident fish metals concentrations (Al, Ag, Cd, Cr, Cu, Pb, Hg, Ni, Se, and Zn)</td>
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<td>Lower Johnson Creek</td>
<td>Anadromous Section, draining into Berners Bay, below an undisputed barrier; a waterfall approximately 30 meters high.</td>
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<td>NPDES</td>
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<td>Outmigrating pink fry abundance</td>
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<td>NPDES</td>
<td>Adult salmon escapement surveys</td>
<td>1/year</td>
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<td></td>
<td>NPDES</td>
<td>Quality of anadromous fish spawning substrate</td>
<td>1/year</td>
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<th>Location</th>
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<th>NPDES/APDES</th>
<th>Parameters</th>
<th>Sampling Frequency</th>
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<tr>
<td>Upper Johnson</td>
<td>Control site, located above the mill bench and outside of mine influence.</td>
<td>NPDES/APDES</td>
<td>Abundance and composition of benthic macroinvertebrates</td>
<td>1/year</td>
</tr>
<tr>
<td>Creek</td>
<td></td>
<td>NPDES</td>
<td>Resident fish population and condition</td>
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<tr>
<td>Lower Sherman</td>
<td>Anadromous Section, draining into Lynn Canal, below and undisputed barrier; waterfall</td>
<td>APDES</td>
<td>Periphyton biomass (as chlorophyll-a concentrations)</td>
<td>1/year</td>
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<td>Creek</td>
<td>approximately 15 meters high</td>
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<td>Abundance and composition of benthic macroinvertebrates</td>
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<td>Resident fish population and condition</td>
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<td>NPDES</td>
<td>Outmigrating pink fry abundance</td>
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<td>NPDES</td>
<td>Adult salmon escapement surveys</td>
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<td>NPDES/APDES</td>
<td>Quality of anadromous fish spawning substrate</td>
<td>1/year</td>
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<td>NPDES</td>
<td>Aquatic vegetation survey</td>
<td>1/year</td>
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<td>Middle Sherman</td>
<td>Reach consisting of uniform Pool, Riffle, and Glide Habitat extending from above the anadromous barrier to the first bridge on Comet Road.</td>
<td>NPDES</td>
<td>Resident fish population and condition</td>
<td>1/year</td>
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<td>Sherman Creek</td>
<td>Containing outfall 001 from mine water treatment plant.</td>
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<td>Aquatic vegetation survey</td>
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<td>Resident fish population and condition</td>
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<tr>
<td>Lower Sweeny</td>
<td>Anadromous Section, draining into Lynn Canal, below an undisputed barrier.</td>
<td>NPDES</td>
<td>Abundance and composition of benthic macroinvertebrates</td>
<td>1/year</td>
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<tr>
<td>Creek</td>
<td>Reach is outside of mine influence.</td>
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