Quantified Conservation
Starts with Science
Rudio Creek: The Old Way

- 3,250 feet of historic channel reconnected
- 6,588 feet of channel constructed and floodplain reconnected
- 70 pool-glide habitat created
- 70 large wood structures built
- 13,000 native trees and shrubs planted
# Rudio Creek: The New Way

## Uplift from 2012 Project

<table>
<thead>
<tr>
<th>Units of measure</th>
<th>Salmon Habitat Restored</th>
<th>Solar Load Avoided</th>
<th>Water Temperature Decreased (Daily Max)</th>
<th>Phosphorus Reduced</th>
<th>Nitrogen Reduced</th>
<th>Sediments Reduced</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Before (baseline)</strong></td>
<td>4,641</td>
<td>50,061,190</td>
<td>26.5</td>
<td>4.6</td>
<td>26.7</td>
<td>111.3</td>
</tr>
<tr>
<td><strong>After (post-project)</strong></td>
<td>6,419</td>
<td>8,534,474</td>
<td>25.5</td>
<td>0.1</td>
<td>9.4</td>
<td>107.6</td>
</tr>
<tr>
<td><strong>Uplift</strong></td>
<td>1,777</td>
<td>41,526,716</td>
<td>1.0</td>
<td>4.5</td>
<td>17.2</td>
<td>3.7</td>
</tr>
</tbody>
</table>

**Restoration actions**
- 3,250 feet of historic channel reconnected
- 6,588 feet of channel constructed and floodplain reconnected
- 70 pool-glide habitat complexes created
- 70 large wood structures built
- 13,000 native shrubs, hardwoods and plugs planted