

Lake Washington/Cedar/Sammamish Watershed (WRIA 8) Salmon Tour

Little Bear Creek 132nd Ave Fish Barrier Removal Project

- Completed by the Adopt A Stream Foundation, partnering with the City of Woodinville and the Washington State Department of Transportation.
- The project is the highest priority for salmon habitat recovery in the Little Bear Creek basin.
- Adopt A Stream Foundation removed three failing 80-foot long, 5-foot diameter concrete pipes preventing threatened Chinook, sockeye, and coho salmon from passing through them during low or high stream flow conditions.
- Adopt A Stream Foundation installed 30 logs, half with root balls, to diversify the stream channel by sorting gravel and creating scour pools, creating rearing habitat for juvenile fish, and reducing fine sediment input to the stream caused by bank erosion.
- The completed project restored and day-lighted 85 feet of streambed habitat for salmon and replanted stream banks to reduce water temperatures by shading the creek, reduce erosion, and create wildlife and bird habitat.
- Puget Sound Acquisition and Restoration (PSAR) grant funding from the Lake Washington/Cedar/Sammamish Watershed (WRIA 8) enabled the project to avoid delay and be completed on schedule in 2012.
- Project cost = \$281,121, including a \$187,296 PSAR grant, a \$50,000 salmon recovery funding board grant, and \$43,000 in matching funds.
- Removal of these culverts compliments recently completed and planned restoration projects that are improving fish habitat in Little Bear Creek. In particular, this project sets the stage for potential removal of another set of barrier culverts where 134th Ave NE crosses Little Bear Creek, upstream from the 132nd Ave project site.



Pre-project: fish passage barrier culverts



Post-project fish passage barrier culverts removed and stream restored