

Final Report to the Pacific Salmon Commission
Englishman River Side Channel Phase 1 – Intake Construction

Submitted by Community Fisheries Development Centre

June 1, to October 31, 2006

The first two months of the project focused on the ordering of steel and pvc pipe, flanges, valves and couplings as well as the fabrication of the 16 inch and 24 inch wing intakes. All materials were delivered to the adjacent gravel pit on site for final fabrication and preparation. The physical work of installing the intake began on site on September 5, 2006. The crew included Doug Poole, Site Supervisor from Fisheries and Oceans Canada and Ardith Turney from Community Fisheries Development Centre. Two excavators, one semi truck and one dump truck and drivers were also used on the project. Mel Sheng was also present from FOC for technical support.

Some clearing and road development was necessary to provide equipment access to the site. Large plastic sandbags were filled and placed in the main stem of the river to redirect flows while installing the intake and pipe. The new sixteen-inch intake and pipe were installed in the river and connected to the original intake pipe leading to the channel. A new road was punched in several meters downstream to accommodate the 24-inch intake pipe, which was also connected to the existing channel with a separate valve. This water capacity will be required to feed the new side channel that will be completed next year. A third valve was also installed to allow water diversion around the existing Chinook pond to deliver water to the existing channel.

All valves and intake systems have been tested and the current flows in the channel have improved significantly with the new sixteen-inch intake and pipe. Both the main stem and side channel have been rearmoured with rock and logs as required preventing erosion. Grass has been planted and landscaping has been completed to restore the area back to its original terrain.

Costs for pipe, valves and fabrication of the intake were significantly higher than anticipated. Some of these costs overruns were addressed by reducing expenditures on other budget items in the agreement. These possible changes in the budget were discussed with Fisheries and Oceans, CFDC and the Salmon Commission prior to completion of the project. All work has been completed on time and on budget as outlined in the agreement.

On behalf of Community Fisheries Development Centre I would like thank the Pacific Salmon Commission for their generous support on this exciting project and we look forward to working with you in the future in completing phase 2 of this project.

Submitted by,

Bob Grant Coordinator CFDC