



# Cecil Ponds Habitat Enhancement Project

The Kitimat LNG Project recently completed construction of an innovative fisheries enhancement program at the Cecil Ponds, located 20 km north of Kitimat. The Cecil Ponds enhancement program was designed to provide new rearing habitat for Coho salmon.

The Cecil Ponds are a series of three old gravel borrow pits that were developed 40 to 50 years ago when the Wedeene Forest Service Road was built. Filled with water over subsequent years, they have not supported fish in the past.



## Managing Fish Habitat

Kitimat LNG completed this habitat enhancement project as part of environmental stewardship commitments made during project approval and permitting. Creation of new habitat for Coho salmon was achieved by providing fish access to the three Cecil Ponds from nearby tributary streams. This will ensure that fisheries productivity in the area is maintained consistent with Department of Fisheries and Oceans habitat policy objectives.

37 potential freshwater habitat enhancement opportunities in the vicinity were considered and the Cecil Ponds best met all the evaluation criteria.

## Increasing Habitat for Salmon

The project involved providing new access via a man-made fishway for fish to travel from the tributary to the largest pond, and then improving access to the other two ponds with the goal of populating all three with juvenile Coho salmon. An estimated 13,000 square metres of new aquatic habitat is now accessible to fish.

The work at Cecil Ponds was conducted by Ledcor-Haisla and was completed in October 2016. Over the coming years, the site will be regularly monitored to ensure that the improvements made to create fish access to this aquatic habitat are functioning as designed.





# Former Eurocan Mill, Industrial Site Reclamation Update - Stack Removal

The former Eurocan pulp and paper mill, or “Industrial Site” as it’s now known, is an integral part of the proposed Kitimat LNG project. Since acquiring the site in 2011, Kitimat LNG has been maintaining the site to ensure environmental regulatory compliance as it undertakes a long-term site reclamation program.



Former Eurocan Site. Source: Kitimat Museum & Archives

The site was zoned for industrial use during the operating life of the Eurocan pulp and paper mill. Since the closure of the facility in January 2010, several structures on the site have deteriorated, necessitating demolition work and ongoing clean-up of the area. KLNG reclamation activities on the site have been in progress since 2012. Most recently, and after extensive planning and preparation, one of four tall steel stacks, the smelt dissolving tank stack, was safely demolished and removed for recycling of the metal.

## Stack Demolition and Removal

Earlier this year, Kitimat LNG personnel detected corrosion defects at the base of the 2 metre diameter, 58 metre tall carbon steel smelt stack structure. Two independent engineering assessments were completed to ascertain safety issues and the structural condition of the stack.

The assessments determined that the stack wall had undergone extensive thinning over its 47 years in service. Temporary repairs to keep it safely erected and delay removal would be of little value to the project as the stack is part of the planned demolition of the site buildings

and structures. The decision was made to remove the stack altogether.

The stack removal involved two cranes with crews positioned on either side of the stack. After the stack was stabilized, the two crane crews worked together to ensure the safe demolition of the structure. One crew cut the stack sections and set the rigging. The other crane crew safely removed and lowered the cut sections to the ground. Each of the six sections was cleaned to remove any residual contaminants from the the inside wall of the stack before being cut into smaller pieces and transferred to offsite metal salvage.



## The future of the site

Following the remediation and reclamation of the site, which may take several years, the area will be prepared for future uses associated with the proposed Kitimat LNG Project including:

- Logistics and laydown areas for storing and sorting equipment and materials.
- Establishing workspaces and other facilities for project workers.
- Construction workforce accommodations that will provide living quarters and basic services, helping avoid strain on municipal systems while encouraging workers to support local businesses in the vicinity.