

Freshwater Fish and Fish Habitat Aquatic Catalogue and Watercourse Crossing Data

The data presented in the Freshwater Fish and Fish Habitat Aquatic Catalogue is the result of fisheries field investigations along the Enbridge Northern Gateway pipeline route from 2005 to 2009. Each site is summarized on one page and includes the following information:

- Map depicting site location along the route
- Representative photograph
- Location information
- Construction information including flows, construction method and construction season
- Fish sampling information including method and species captured
- Historic fish information
- Habitat quality descriptions
- Biophysical data
- Left and right bank physical characteristics
- Transect data
- Winter observations (if available)
- General site comments

Parameter and descriptions for non-standard terms are presented below.

Parameter	Description
PDA	Project Development Area <ul style="list-style-type: none"> • ROW – site located on the pipeline right-of-way • Transmission Line – site located on power line • Road – site located on road site • Terminal – site located in Kitimat Terminal
Valley Gradient	Slope of approach to crossing over a distance of 500 m
Mean annual flow	Averaged flow level for the year
Mean construction period flow	Averaged flow levels over summer or winter construction period months. Summer construction period is June 1 to October 15. Winter construction period is December 1 to April 15.
Least Risk Period	Date in which instream works can occur with minimum impacts to fish species present
Restricted Activity Period	Date in which no instream works can occur.
Functioning LWD	Presence of large woody debris that influences channel features
LB/RB texture	Type and percentage of coarse materials in stream banks
Habitat Units	Percentage of run (R), riffle (RF) or pool (P) habitat at the transect location