

GENERATION PGM

News Brief

Aquatic Baseline Studies at Marathon

Water and fish in the Marathon Project Area have been studied by environmental scientists since 2006, as part of the long-term planning for the Marathon Palladium Mine. In December 2020, GenerationPGM published Baseline Reports describing our studies.

Our work with local communities has also highlighted the importance of clean water and fish spawning habitat in the Pic River and in Lake Superior. Our field work provides the foundation for GenerationPGM's commitment to the protection of water quality and aquatic life.

Fish and water work on-site includes:

- 10 years of water quality data
- 80,000 water quality sample records
- 58 Water quality stations
- 36 Groundwater wells (hydrogeology)
- 11 On-site flow stations



Environmental monitoring showed that the water quality in the small ponds and lakes at the Project site is good, with most parameters meeting Ontario Provincial Water Quality Objectives (PWQO), but since they are isolated due to rugged landscape, they do not have fish living in them. Many important fish species do live in the nearby Shack Creek, Bamoo's Lake and Hare Lake, which are connected to Pic River and Lake Superior. The fish community there includes sturgeon, walleye, trout, perch, pike, salmon, suckers and dace.

Fish community studies at the site and in the local area have included electrofishing, netting and minnow trapping. Indigenous communities were engaged to undertake traditional studies and identify important fish species (Valued Ecosystem Components) in the area.

Are you interested in learning more? Every year we invite members of the local and Indigenous communities to participate in our field programs. Contact us at comments@genpgm.com

A detailed summary of the studies and methodology included in aquatic baseline reports can be found at:

<https://www.genmining.com/projects/generation-pgm/technical-reports/>

Contact us at comments@genpgm.com