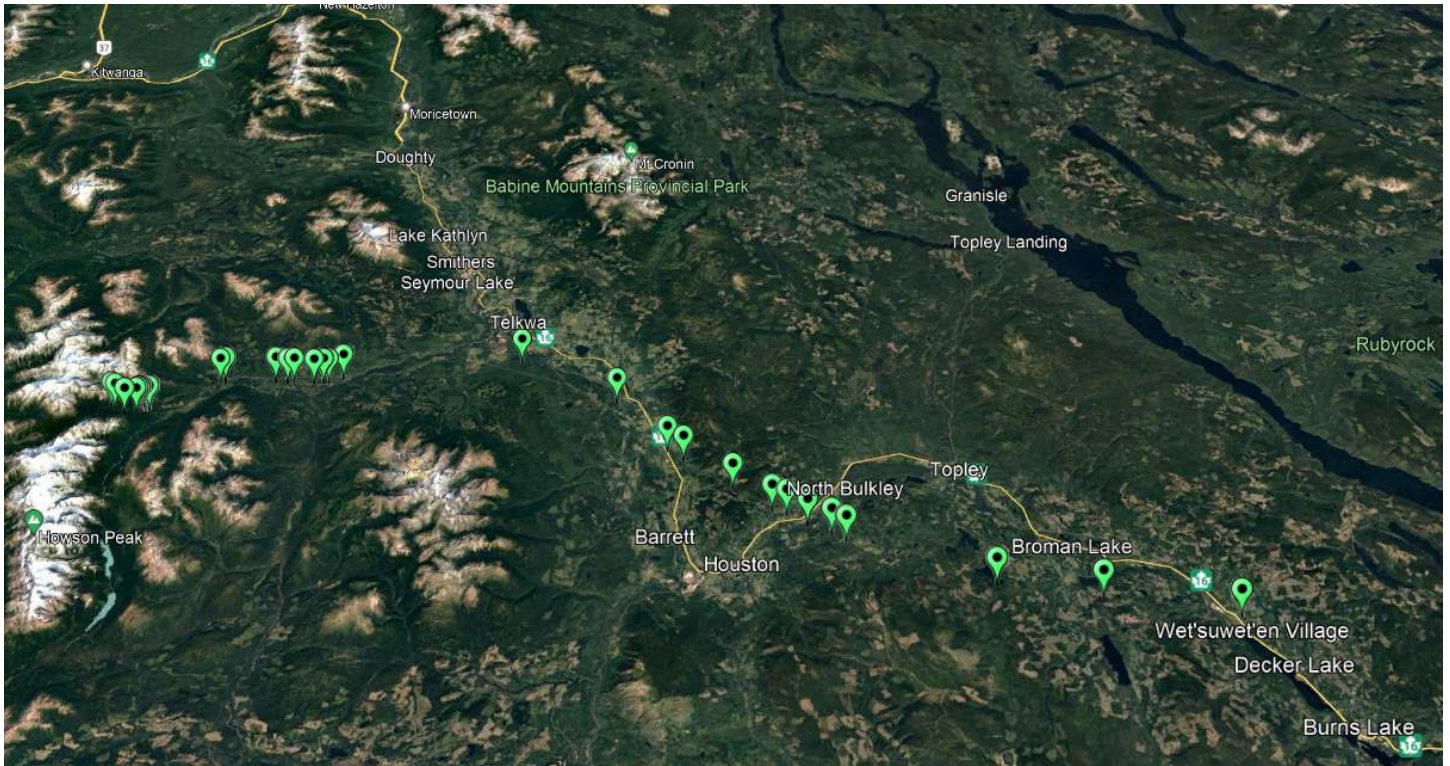


PNG 2021 Integrity Digs

Scope

PNG is conducting preventative maintenance integrity digs on a pipeline which includes the area between Burns Lake and Terrace. The work being performed is to ensure the safety and integrity of the pipeline.

Here is a map which indicates the dig sites (the green markers)



Planned Work

Crews from various construction contractors access these dig sites with a small crew and equipment. The crew size ranges from 6 to 10 and the typical equipment being used includes side by sides and various small sizes of excavators.

The crews follow regulated roads and/or the PNG right-of-way to access the digs. Survey crews access the dig sites and identify the location and depth of the pipeline. Once crews get to the site, they begin to hand expose the pipeline using shovels. Once the pipeline location is visually verified, the mechanical excavation exposes enough of the pipeline for crews to identify and repair the area as required.

Several types of x-rays are performed and the decision on how to best repair the pipe is made using strict industry and engineering guidelines. Some repairs required the outer shell (just the epoxy coating) to be replaced. Other repairs require a metal sleeve fit over the existing pipe, then welded to the outside of the existing pipe. The last type of repair is a cut-out of the pipe, where the entire pipe is replaced with new pipe.

Schedule

The entire maintenance program for 2021 is scheduled to run from September to the end of November 2021.

The digs in the Telkwa pass are complete, and the digs just west and outside the pass (west of Telkwa) are scheduled to be complete next. The digs between Telkwa and Burns Lake are anticipated to occur between Oct 25th and November 15th. There are 5 digs between Houston and North Buckley (on the south side of the highway). These digs are anticipated to be between October 18th and November 8th. There are future maintenance digs for 2022, but these are in the planning stages only.