

Dawson Wastewater Treatment Project



Wastewater Project Test Drilling will run August 10-14th

Test drilling will begin soon for the wastewater treatment project. The purpose of the program is to collect more information about the geotechnical (rock and soil) and hydrogeological (groundwater) characteristics of the foundation materials on the site. This information will allow us to assess the following:

- Lithology (the character of a rock formation) and consistency of overburden soils
- Existence of permafrost and measurement of ground temperature
- Bedrock depth and degree of fracturing
- Presence of groundwater and measurement of groundwater flow
- Verification that the general foundation conditions are suitable for the construction of deep process shafts and a new building

EBA Engineering Consultants Ltd. (EBA) of Whitehorse will work with E. Caron Diamond Drilling, a long established Yukon drilling company, to drill the test hole. A standard exploration diamond drill will be used to create the hole and collect core samples. The hole will be about 100 mm in diameter and 100 metres deep.

During drilling, the team will collect core samples and perform hydrological testing to determine rock quality and the flow of water into the hole. After drilling and testing is complete, EBA will install a ground temperature (thermistor) cable to determine the temperature profile of the foundation materials. This information will help determine if there is any permafrost in the area.

Yukon government has determined that test drill activity on the site, which falls under industrial zoning, is excluded from assessment under YESAA legislation because:

- It involves the installation of a scientific data collection instrument,
- Drilling activity will take place more than 30 metres from a water body, and
- It is not likely to involve the release of a polluting substance into a water body.

The detailed information gathered from this test hole will allow the proponents (City of Dawson and Yukon Government, with Corix Water Systems) to submit a detailed and comprehensive plan for the project's YESAA assessment application and public review. All of the project information for YESAA will be available for public comment.

**Drilling Activity will take place August 10-14th
from 7:00 AM to 11:00 PM daily**

The City of Dawson and Yukon Government are committed to keeping Dawsonites informed as this project moves forward. For more information please visit www.dawsonwastewater.ca or contact Catherine Harwood, Project Manager at 456-6574 and catherine.harwood@gov.yk.ca.