

Notes to Summarize Residents Update Meeting

Parker Road Area Water Monitoring

April 27th, 2015 | Nanoose Place

Data collection (for water levels) in 14 wells began on April 1st. One well added since April 20, to make the total # of monitored wells 15.

A test data download was performed on April 20th to ensure all data loggers were functioning properly, and fix any issues early on in the process.

Data will need to be collected over a longer period to start to see trends, relation to rainfall, connection to other wells etc.

It was suggested to compare static level at time of drilling to the current static level → GW Solutions will do this as part of their analysis.

It was confirmed that part of the analysis will be to observe which wells are related (i.e. respond to pumping and precipitation in a similar way) and during the pump test it will be observed which wells react most similarly to the subject well.

Maelstrom Creek flows will be monitored to observe connection to wells in the area. It was noted that the creek can run dry in the summer time; GW Solutions reported that the level loggers in the creek were still wet at this time.

Next data download / analysis will be performed pre-pump test ... likely in early to mid-July. This will serve as baseline data. The pump test will likely occur in early August.

Then data will be analyzed during the pump test, and after to gauge recovery.

It was confirmed that the draft agreement with Maz-Can includes a review of well operation every 3 months. This may result in an adjustment to the rated and/or excess capacity of that well.

The RDN intends to operate the well in a manner that does not significantly impair neighbouring wells. It was requested that the RDN provide in writing, a statement that includes the goal of protecting existing wells.

Significant impact will need to be defined by the group, moving forward. Professional expertise, senior governmental guidance, community input and case studies from elsewhere will all be taken into account to collectively determine what "significant impairment" means operationally. This will be addressed in a workshop format at the next meeting (July).

There is concern from some residents that the aquifers in the Nanoose area are already being overdrawn, and that more work needs to be done to manage our existing demand (and supply).

Residents are interested in how the build out of current zoning will impact water supply and expressed an interest in monitoring that directly informs a plan that would help manage the resource.

The next meeting will be held in July to update the group on the baseline data collected thus far and also to have a workshop session on defining “significant impact” to surrounding wells or more positively phrased, the “sustainable yield” of wells in the area.