

## **NNRA WATER REPORT March 2013**

### **WATER TREATMENT PLANT (wtp)**

The wtp is in service as of Oct.29 and is servicing all four red gap wells. The wtp removes 98% of all iron and manganese and ammonia. In the future this plant will be able to treat the Claudet well and in particular remove the ammonia in the water. At the moment the Claudet well is not connected to the system and would require substantial piping to do so. There is no plan to make this connection at the moment. The Madronna area does not receive water from the wtp as the water goes to the Fairwinds area.

### **Englishman River Water System (erws)**

French Creek residents have chosen to bow out of the project. That would leave RDN Nanoose with 26% of the project and estimated costs of about \$11 million as things stand now and assuming that Nanoose Bay (G.HOLME) agree to pick up the share. As pointed out in the previous report this is a substantial oversupply at the moment and for quite some time.

Engineering work by the RDN indicates that by 2035 the demand will come up to the 26% figure assuming a full buildout within the entire Nanoose region. The issue is paying for the project as it comes into service until all the water is needed if in fact it is needed. All of which is really difficult to predict.

The current estimate for phase 1 is about \$38 million. Our share would be about \$10 million.

The aquifer storage system report is now due this year and a decision on aquifer storage would follow. Injection and removal tests are planned for May. The site is Kay Road by the weigh scales. There is a limit on withdrawal of 75 litres/sec imposed by M of Environment given the alternative of an environmental review. This is because the water now falls under the ground water regulations.

**ACTION: I HAVE REQUESTED A MEETING WITH G. HOLME TO REVIEW THE ERWS. ALSO I HAVE REQUESTED AND GEORGE AGREED THAT A REPORT SHOWING THE NUMBERS RE DEMAND VS SUPPLY IN THE RDN BE TABLED. GEORGE WILL REPLY AS TO THE DATE.**

### **MISCELLANEOUS**

**The RDN advise that water demand is decreasing over the region. The last 5 year avg is 295 l/day/person. In 2012 it was 270 l/day. This is a long term trend and partly due to more water efficient appliances and toilets.**

**The long term water action program that we are funding will produce a water in and water out (water balance) report for the region early in 2013 in computerized format using google earth. Also a detailed stream health monitoring program is underway in cooperation with the Environment. The objective is an understanding of the water resource. The new program manager will be Dawn Keim .**

**Randy Alexander from the Ministry of the Environment is taking John Finnie's place as Manager of Eng.**

**John Hardman**