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November 23rd, 1967

Swan Wooster Engineering Co. Ltd.
208 - 1685 Third Avenue
PRINCE GEORGE, B.C.

Attention: Mr. W.J.C. Warren

Dear Sirs:

Re: Charella Gardens Waterworks District Well

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I am referring to my comments on the pumping test results for the above well which were included in a letter from the Comptroller of Water Rights dated November 7th, 1967, file no.0253778, to Swan Wooster Engineering Co. Ltd.

These comments were based on an office study of a field test carried out under the supervision of Consulting Engineers from Swan Wooster Engineering Co. Ltd.; personnel from the Groundwater Division of the Water Investigations Branch were not present at this test. In studying the pumping test data, we had to assume that there were no factors we are not aware of which should be taken into consideration in an evaluation of the test results.

In view of the above, I would like at this time to offer a further suggestion which would be worthwhile carrying out on this well. Due to the last part of the recovery to the original well static not being recorded - the long-term recharge characteristics of the aquifer cannot be adequately tested, and the possibilities of a steady decline in available drawdown in the well with time cannot be completely ruled out. To adequately test the recharge characteristics of the aquifer you may wish to consider that a submersible pump assembly capable of delivering between 26 and 28 Imperial gallons per minute be installed in the well and allowed to run continuously at this rate for a period of 10 days. Readings on the water level in the well could be taken by one of the interested local residents, once every morning and evening, and the date and time at which these readings are taken should be noted. The original water level in the well before pumping commenced should be taken; also the date and time pumping started and stopped. Readings should also be taken together with dates and times every morning and evening, on the recovery of the water level in the well after the ten-day pumping period is completed. These readings must be continued until the original well static is reached.

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see folio under pumping Tests


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Arrangements can be made with the Groundwater Division, Water Investigations Branch, B.C. Water Resources Service, in Victoria, to borrow an electric well line complete with operating instructions and measuring tape in order to take the necessary readings.

The Groundwater Division would be prepared to make an office study of the data obtained from this test.

Yours very truly


J.C. Foweraker, Chief
Groundwater Division

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For well record no 936.077. 3.3.1 ~ 25 ~ 27 ~ 28 ~ 29 ~ 30