

## Report of Examination on Ground Water

Received date May 16, 1972 Date of exam. November 17, 1972 Appli. No. G2-20221

Name City of Port Townsend Address Dept. of Public Utilities, Port Townsend,  
WA 98368

Type of works A well Dimensions 16" x 110'

Progress of works Well drilled - tested

Quantity applied for 200 g.p.m. acre-feet per year

Legal sub. SD4524 Sec. 2 Twp. 29 N. Rge. 1 W. County Jefferson

Use Municipal supply

Irrigation-acreage: Present \_\_\_\_\_ Planned \_\_\_\_\_ Feasible \_\_\_\_\_

Municipal: Population 10,000 as of 1980

Industrial \_\_\_\_\_

Time pump will be operated Continuously

Other water rights appurtenant to this land Several

Proximity to existing works, springs, wells, or streams Kivley, north 80', App. No. 12143, well capped and bought by P.U.D.; Morrison, west 350', Cert. 6457-A for domestic

Area \_\_\_\_\_ Sub-area \_\_\_\_\_ Zone \_\_\_\_\_

### RECOMMENDATIONS

Approved for 200 g.p.m. 160 acre-feet per year, subject to existing water rights. (1 acre-foot 325,850 gallons.)

This application has been protested to by Mr. Edgar A. Morrison of Hadlock, Washington. Mr. Morrison has a domestic well within 400 feet of subject well and is recorded under Ground Water Certificate No. 6457-A. Mr. Morrison contends that subject well operated as applied for will adversely affect his well.

Between June 6 and 13, 1972, pumping tests were conducted on the applicant's well, the Kivley well 70 feet east of the applicant's well, and the Morrison well approximately 400 feet westerly. The Morrison well is a six-inch well with a depth of 87 feet and a static water level at the start of the tests of 68 feet. There was a drawdown of four feet by the second day and at shut-off time on June 13, the Morrison well showed no immediate recovery whereas the applicant's well showed a 14-foot recovery within one minute. Indications are that prolonged pumping during a long dry and hot spell could have adverse effects on the Morrison well. The Morrison well which has a prior right and priority date is entitled to full protection under the statutes.

Owing to the proximity of neighboring wells, the applicant and/or his assignees is reminded of his responsibility towards same and advised that he may be required to regulate his withdrawal and pumping rate if existing rights are injuriously affected and/or furnish affected well owners with water until the adverse condition is corrected.

Use of the waters to be appropriated under this application will be for a public water supply. State Board of Health rules require every owner of a public water supply to obtain written approval from the Assistant Secretary, Health Services Division prior to any new construction or alterations of a public water supply. The applicant is advised to contact the Water Supply and Waste Unit of the Department of Social and Health Services, P. O. Box 1788, Olympia, WA 98504, with regard to the need for compliance.

"A suitable measuring device shall be installed and maintained in accordance with WAC 508-64-020 through WAC 508-64-040." (Installation, operation and maintenance requirements attached hereto.)

"The installation of an access port as described in attached Ground Water Bulletin No. 1 shall be required prior to issuance of final certificate of water right. The applicant may, for his own convenience, wish to install an airline and gage in addition to the access port."

Based on the expected 1000 services and 144 gallons per day per service, this application may be approved for 200 gallons per minute and 160 acre-feet per year subject to the aforementioned restrictions and provisions.

Additionally, the permit when issued shall carry the following provision: "Nothing in this permit shall be construed as excusing the permittee from compliance with any applicable federal, state, or local statutes, ordinances, or regulations including those administered by local agencies under the Shoreline Management Act of 1971."

Signed at Olympia, Washington,  
this 24 day of April, 1973.

  
WALTER BERGSTROM, Resources Management  
Department of Ecology

