

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

REPORT OF EXAMINATION

TO APPROPRIATE PUBLIC WATERS OF THE STATE OF WASHINGTON

Surface Water (issued in accordance with the provisions of Chapter 117, Laws of Washington for 1917, and amendments thereto, and the rules and regulations of the Department of Ecology.)

Ground Water (issued in accordance with the provisions of Chapter 263, Laws of Washington for 1945, and amendments thereto, and the rules and regulations of the Department of Ecology.)

PRIORITY DATE July 23, 1992	APPLICATION NUMBER G3-29248	PERMIT NUMBER	CERTIFICATE NUMBER
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NAME
DAVID J. AND KATHRYN M. DUNCAN

ADDRESS (STREET) (CITY) (STATE) (ZIP CODE)
Route 2, Box 89A Medical Lake Washington 99022

PUBLIC WATERS TO BE APPROPRIATED

SOURCE
two (2) wells

TRIBUTARY OF (IF SURFACE WATERS)

MAXIMUM CUBIC FEET PER SECOND	MAXIMUM GALLONS PER MINUTE 60	MAXIMUM ACRE-FEET PER YEAR 21.6
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QUANTITY, TYPE OF USE, PERIOD OF USE
19.6 acre feet per year, from April 1 to October 1, each year, for the irrigation of 5 acres; 2 acre feet per year, continuously, for domestic supply.

LOCATION OF DIVERSION/WITHDRAWAL

APPROXIMATE LOCATION OF DIVERSION-WITHDRAWAL
#1) 75 feet south and 900 feet west from the Northeast corner of Sec. 9
#2) 500 feet south and 900 feet west from the Northeast corner of Sec. 9

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION) N $\frac{1}{2}$ NE $\frac{1}{4}$	SECTION 9	TOWNSHIP N. 24	RANGE, (E. OR W.) W.M. 40 E	W.R.I.A. 54	COUNTY Spokane
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RECORDED PLATTED PROPERTY

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)
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LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

East 275 feet of the West 1025 feet of the North 825 feet of the NE $\frac{1}{4}$ of Sec. 9, T. 24 N., R. 40 E.W.M.

DESCRIPTION OF PROPOSED WORKS

Existing 6" x 60' domestic well, proposed dug well, pump and distribution and irrigation system; existing ½ H.P. Flint Wallings Jet pump.

DEVELOPMENT SCHEDULE

BEGIN PROJECT BY THIS DATE: Started	COMPLETE PROJECT BY THIS DATE: July 1, 1994	WATER PUT TO FULL USE BY THIS DATE: July 1, 1995
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REPORT

BACKGROUND

An application to appropriate public ground water was submitted by David J. and Kathryn M. Duncan to the Department of Ecology on July 23, 1992. The application was accepted and assigned Ground Water Application No. G3-29248. The applicant proposes to withdraw water from two (2) wells in the amount of 60 gallons per minute for domestic and heat pump supply and the irrigation of 5 acres. The proposed point of withdrawal is to be located in the N½NE¼ of Sec. 9, T. 24 N., R. 40 E.W.M.

A notice of application was duly published in accordance with RCW 90.03.280; no protests or objections were received.

This application is categorically exempt from the provisions of the State Environmental Policy Act (SEPA) of 1971, Chapter 43.21C RCW. A permit issued under this application would be classified as a Family Farm Permit under the Family Farm Water Act of 1977, Chapter 90.66 RCW.

INVESTIGATION

A field examination of this project was conducted by Ronald J. Raby on May 21, 1993. This project is located approximately 3 miles northwest of Medical Lake, Washington.

It was noted that the project has an existing domestic well presently in use. The well is 6" x 60' deep, with a ½ H.P. Flint Wallings Jet pump for a mobile home and some outside watering. The applicant proposes to excavate a shallow dug well on the south portion of his property for the purpose of irrigation of 5 acres at some future date. The applicant has dropped the heat pump request.

Records indicate several irrigation and municipal wells in this area with state issued rights, but none are appurtenant to this property.

Department of Ecology records indicate two municipal, one irrigation and four domestic wells within a ½ mile from the applicant's wells. They range in depths from 62 to 440 feet, produce from 20 to 1000 gallons per minute, static water levels from flowing artesian to 160 feet below land surface and all penetrate basalts. The applicant's well has no log, but is estimated to be 6" x 60'.

Washington State University Agriculture Department Circular No. 512 is used as a guide for determining seasonal amounts of irrigation water needed by geographic location. These amounts are calculated on a 70 system efficiency from the two year frequency table and for maximum irrigation water requirement. Based upon data in this circular a maximum water duty for this area is 47.1 inches per acre, for an annual allotment of 19.6 acre feet for 5 acres; 2 acre feet per year is normally authorized for domestic.

CONCLUSIONS AND RECOMMENDATIONS

It is the conclusion of this examiner that: public ground water is available for appropriation for a beneficial use; domestic supply and irrigation are beneficial uses; that the appropriation of such water will not impair existing rights or be detrimental to the public welfare.

It is recommended that this application for a public ground water permit be approved in the amount of 60 gallons per minute, 21.6 acre feet per year, for domestic supply and the irrigation of 5 acres, subject to the following provisions:

"At such time that the Department of Ecology determines that regulation and management of the subject waters is necessary and in the public interest, an approved measuring device shall be installed and maintained in accordance with RCW 90.03.360 or WAC 508-64-020 through WAC 508-64-040."

"The amount of water granted is a maximum limit that shall not be exceeded and the water user shall be entitled only to that amount of water within the specified limit that is beneficially used and required for the actual crop grown on the number of acres and the place of use specified."

"This authorization to make use of public waters of the state is subject to existing rights, including any existing rights held by the United States for the benefit of Indians under treaty or otherwise."

"A certificate of water right will not be issued until a final examination is made."

"Nothing in this authorization shall be construed as satisfying other applicable federal, state, or local statutes, ordinances, or regulations."

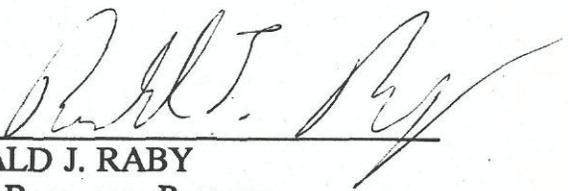
"Installation and maintenance of an access port as described in Ground Water Bulletin No. 1 is required. An airline and gage may be installed in addition to the access port."

"All water wells constructed within the state shall meet the minimum standards for construction and maintenance as provided under RCW 18.104 (Washington Water Well Construction Act of 1971) and Chapter 173-160 WAC (Minimum Standards for Construction and Maintenance of Water Wells)."

"A well log of the completed well shall be submitted by the driller to the Department of Ecology within thirty (30) days of completion of this well. This well log shall be complete and all information concerning the static water level in the completed well in addition to any pump test data shall be submitted as it is obtained."

"This authorization to use public waters of the state is classified as a Family Farm Permit in accordance, with Chapter 90.66 RCW (Initiative Measure No. 59). This means the land being irrigated under this authorization shall comply with the following definition: Family Farm - a geographic area including not more than 2,000 acres of irrigated agricultural lands, whether contiguous or noncontiguous, the controlling interest in which is held by a person having a controlling interest in no more than 2,000 acres of irrigated agricultural lands in the State of Washington which are irrigated under water rights acquired after December 8, 1977. Furthermore, the land being irrigated under this authorization must continue to conform to the definition of a family farm."

Signed at Spokane, Washington
this 30th day of June, 1993



RONALD J. RABY
Water Resources Program
Department of Ecology



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

N. 4601 Monroe, Suite 202 • Spokane, Washington 99205-1295 • (509) 456-2926

June 30, 1993

Mr. & Mrs. David J. Duncan
Route 2, Box 89A
Medical Lake, WA 99022

Dear Mr. & Mrs. Duncan:

Re: Ground Water Application No. G3-29248

Your application has been approved and a permit will be issued in accordance with the enclosed Report of Examination upon payment of the statutory fee of \$7.00. Please make your check payable to the Department of Ecology.

This letter and enclosed Report of Examination constitute our determination and order. Chapter 43.21 RCW provides that any person who feels aggrieved by such an order may submit an appeal to the Pollution Control Hearings Board of Washington, Post Office Box 40903, Olympia, WA 98504-0903, with a copy to the director of the Department of Ecology, Mail Stop 7600, Post Office Box 47600, Olympia, WA 98504-7600, within thirty (30) days of receipt of this order. Procedures for requesting a hearing may be obtained from this department.

Please send your permit fee within thirty (30) days.

Sincerely,

Gary E. Hanson
Section Supervisor
Water Resources Program

GEH:mjw
Enclosure