



STATE OF WASHINGTON  
**DEPARTMENT OF ECOLOGY**  
*Application for Change*  
**REPORT OF EXAMINATION**

PRIORITY DATE	APPLICATION NO.	PERMIT NO.	CERTIFICATE NO.
December 20, 1966	8378	8029	G3-01548C

NAME DRJ Farms, Richard Baumann		
ADDRESS/STREET	CITY/STATE	ZIP CODE
639 N. Riverpoint Blvd 8W	Spokane WA	99202

**PUBLIC WATERS TO BE APPROPRIATED**

SOURCE
3 wells
TRIBUTARY OF (IF SURFACE WATERS)

MAXIMUM CUBIC FEET PER SECOND (cfs)	MAXIMUM GALLONS PER MINUTE (gpm)	MAXIMUM ACRE FEET PER YEAR (ac-ft/yr)
	2000	2312.8

QUANTITY, TYPE OF USE, PERIOD OF USE
2000 gallons per minute, 2312.8 acre-feet per year for agricultural irrigation of 826 acres from February 1 to November 30 each year

**LOCATION OF DIVERSION/WITHDRAWAL**

APPROXIMATE LOCATION OF DIVERSION--WITHDRAWAL
250 feet south and 50 feet east from the W <sup>1</sup> / <sub>4</sub> corner of Section 21, T. 16 N., R. 35 E.W.M. 1000 feet north and 50 feet east of the SW corner of Section 32, T. 16 N., R. 35 E.W.M. 50 feet south and 100 feet east from the N <sup>1</sup> / <sub>4</sub> corner of Section 31, T. 16 N., R. 35 E.W.M.

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION)	SECTION	TOWNSHIP	RANGE	WRIA	COUNTY
NW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> of Section 21		16 N.	35 E.W.M.	36	Adams
SW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> of Section 32					
NW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> of Section 31					
PARCEL NUMBER	LATITUDE		LONGITUDE	DATUM	
	46.85890		118.44184 (S-21)		
	46.82774		118.46291 (S-32)		
	46.83940		118.47326 (S-31)		

**RECORDED PLATTED PROPERTY**

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)

**LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED**

[Attachment 1 shows location of the authorized place of use and point(s) of diversion or withdrawal.]

390 acres in the W <sup>1</sup> / <sub>2</sub> and SE <sup>1</sup> / <sub>4</sub> of Section 32, 436 acres in Section 31 except the NW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> and SW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> thereof, all within, T. 16 N., R. 35 E.W.M.
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**DESCRIPTION OF PROPOSED WORKS**

6 standard pivots, two pivot wings, 1/4 pivot and a small 17-acre pivot
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**DEVELOPMENT SCHEDULE**

BEGIN PROJECT BY THIS DATE	COMPLETE PROJECT BY THIS DATE	WATER PUT TO FULL USE BY THIS DATE
Started	June 1, 2010	June 1, 2011

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## PROVISIONS

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Total withdrawal under both rights shall not exceed 3400 gallons per minute, 4179.8 acre-feet per year for the irrigation of 1736 acres.

### **Wells, Well logs and Well Construction Standards**

All wells constructed in the State shall meet the construction requirements of chapter 173-160 WAC entitled "Minimum Standards for the Construction and Maintenance of Wells" and chapter 18.104 RCW entitled "Water Well Construction".

Installation and maintenance of an access port as described in chapter 173-160 WAC is required. An air line and gauge may be installed in addition to the access port.

"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."

There is a 16-inch well located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 32, T. 16 N., R. 35 E.W.M. The well was deepened in 2007 to a depth of 2590 feet. Casing was installed and sealed to a depth of 841 feet. This well appears to be properly constructed into the Grande Ronde aquifer.

There is a 20-inch well located in the NW $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 31, T. 16 N., R. 35 E.W.M. This well appears to be constructed into the Wanapum aquifer. If this well is deepened or reconstructed, and its final depth will be more than 840 feet deep, it will need to be cased and sealed to a minimum depth of 840 feet below land surface to allow for production from the Grande Ronde aquifer. Sealing shall be placed from the bottom of the well to the top until undiluted seal material returns to the surface through the annular space. After casing is sealed in place, the well may be completed by drilling out the casing until sufficient water is obtained.

There is another 16-inch well located in the NW $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 21, T. 16 N., R. 35 E.W.M. If this well is deepened or reconstructed, and its final depth will be more than 780 feet, it will need to be cased and sealed to a minimum depth of 780 feet below land surface to allow for production from the Grande Ronde aquifer. Sealing shall be placed from the bottom of the well to the top until undiluted seal material returns to the surface through the annular space. After casing is sealed in place, the well may be completed by drilling out the casing until sufficient water is obtained.

### **Measurements, Monitoring, Metering and Reporting**

An approved measuring device shall be installed and maintained for each of the sources identified herein in accordance with the rule "Requirements for Measuring and Reporting Water Use", Chapter 173-173 WAC. Water use data shall be recorded weekly and maintained by the property owner for a minimum of five years, and shall be promptly submitted to Ecology during development of this authorization and thereafter upon request.

The rule above describes the requirements for data accuracy, device installation and operation, and information reporting. It also allows a water user to petition Ecology for modifications to some of the requirements. Installation, operation and maintenance requirements are enclosed as a document entitled "Water Measurement Device Installation and Operation Requirements".

### **Schedule and Inspections**

Department of Ecology personnel, upon presentation of proper credentials, shall have access at reasonable times, to the records of water use that are kept to meet the above provisions, and to inspect at reasonable times any measuring device used to meet the above provisions.

Department of Ecology personnel, upon presentation of proper credentials, shall have access at reasonable times, to the project location, and to inspect at reasonable times wells or diversions and associated distribution systems for compliance with water law.

The water right holder shall file the notice of Proof of Appropriation when the permanent distribution system has been constructed and the quantity of water required by the project has been put to beneficial use. A superseding document will reflect the extent of the project perfected within the limitations of the authorization. Elements of the proof inspection may include, as appropriate, the source(s), system instantaneous capacity, beneficial use(s), annual quantity, place of use, and satisfaction of provisions.

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**General Conditions**

Use of water under this authorization shall be contingent upon the water right holder's maintenance of efficient water delivery systems and use of up-to-date water conservation practices consistent with established regulation requirements and facility capabilities.

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.

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.

The water quantities and uses recommended may be reduced at the time of issuance of a final water right commensurate with the capacity of the installed system and the uses and/or the number of acres actually irrigated.

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

If any water from facilities of any legally formed irrigation district is used on any or all of the lands described herein as the place of use, the quantities of water withdrawn under this authorization shall be proportionately reduced to correspond to the acreage for which district water is not available.

That portion of this authorization relating to irrigation 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 6,000 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 6,000 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.

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**FINDINGS OF FACT AND ORDER**

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Upon reviewing the investigator's report, I find all facts relevant and material to the subject application have been thoroughly investigated.

Therefore, I ORDER approval of the recommended change to change the place of use and add one well under Ground Water Certificate No. G3-01548C subject to existing rights and the provisions listed above.

You have a right to appeal this Order. To appeal this you must:

- File your appeal with the Pollution Control Hearings Board within 30 days of the "date of receipt" of this document. Filing means actual receipt by the Board during regular office hours.
- Serve your appeal on the Department of Ecology within 30 days of the "date of receipt" of this document. Service may be accomplished by any of the procedures identified in WAC 371-08-305(10). "Date of receipt" is defined at RCW 43.21B.001(2).

Be sure to do the following:

- Include a copy of this document that you are appealing with your Notice of Appeal.
- Serve and file your appeal in paper form; electronic copies are not accepted.

**1. To file your appeal with the Pollution Control Hearings Board**

Mail appeal to:

The Pollution Control Hearings Board  
PO Box 40903  
Olympia, WA 98504-0903

OR

Deliver your appeal in person to:

The Pollution Control Hearings Board  
4224 – 6th Ave SE Rowe Six, Bldg 2  
Lacey, WA 98503

**2. To serve your appeal on the Department of Ecology**

Mail appeal to:

The Department of Ecology  
Appeals & Application for Relief  
Coordinator  
PO Box 47608  
Olympia, WA 98504-7608

OR

Deliver your appeal in person to:

The Department of Ecology  
Appeals & Application for Relief  
Coordinator  
300 Desmond Dr SE  
Lacey, WA 98503

**3. And send a copy of your appeal to:**

Keith L. Stoffel  
Department of Ecology  
Eastern Regional Office  
4601 North Monroe Street  
Spokane, WA 99205

For additional information visit the Environmental Hearings Office Website: <http://www.eho.wa.gov>. To find laws and agency rules visit the Washington State Legislature Website: <http://www1.leg.wa.gov/CodeReviser>.

Signed at Spokane, Washington, this 11th day of June, 2009.



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Keith L. Stoffel, Section Manager  
Water Resources Program  
Eastern Regional Office

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**INVESTIGATOR'S REPORT**

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**Legal Requirements for Proposed Change**

- RCW 90.03.380(1) states that a water right that has been put to beneficial use may be changed. The point of diversion, place of use, and purpose of use may be changed if it would not result in harm or injury to other water rights.
- When processing an application for change to a water right, the Washington Supreme Court has held that Ecology is required to make a tentative determination of extent and validity of the claim or right. This is necessary to establish whether the claim or right is eligible for change. *R.D. Merrill v. PCHB* and *Okanogan Wilderness League v. Town of Twisp*.
- The Washington State Supreme Court, in *Okanogan Wilderness v. Town of Twisp* and Department of Ecology, 133 Wn.2d 769, 947 P.2d 732 (1997), found that applications for change may be granted only to the extent the water has been historically put to beneficial use, as beneficial use determines the measure of a water right. They also found that the existence and quantification of a water right must be determined, including whether or not the water right has been lost for non-use before the Department can approve a change or transfer of the water right.
- RCW 90.44.100, states in part that: the holder of a valid right to withdraw public ground waters may, without losing his priority of right, construct wells at a new location in substitution for, or in addition to, those at the original location, or he may change the manner or the place of use of the water. Such amendment shall be issued by the Department only on the conditions that: (1) the additional or substitute well or wells shall tap the same body of public ground water as the original well or wells, (2) use of the original well or wells shall be discontinued upon construction of the substitute well or wells, (3) the construction of an additional well or wells shall not enlarge the right conveyed by the original permit or certificate, and (4) other existing rights shall not be impaired. The Department may specify an approved manner of construction and shall require a showing of compliance with the terms of the amendment.
- Environmental review under SEPA is required for many projects; however, some minor projects are categorically exempt from SEPA. Appropriations of one cfs or less of surface water, or of 2,250 gpm or less of ground water, for any purpose, and appropriations of 50 cfs or less for surface water used for irrigation are categorically exempt from SEPA. See WAC 197-11-305.

## BACKGROUND

### Attributes of the authorization and Proposed Change

<i>Attributes</i>	<i>Existing</i>	<i>Proposed</i>
Instantaneous Quantity	2000	2000
Annual Quantity	2666	2666
Source	2 wells	3 wells
Purpose of Use	irrigation	irrigation
Place of Use	480 acres within the S½ and NE¼ of Section 31 and 480 acres within the W½ and SE¼ of Section 32, T. 16 N., R. 35 E.W.M.	480 acres within Section 31 and 480 acres within Section 32, T. 16 N., R. 35 E.W.M.

An application for change/transfer was submitted on February 19, 2008. The applicant proposes to add a well and change a portion of the place of use to the subject certificate. No other changes are requested.

A notice of application was duly published in accordance with RCW 90.03.280 in the Ritzville Adams County Journal on May 15 and 22, 2008 and no protests were received.

Environmental review under SEPA is required for many projects; however, some minor projects are categorically exempt from SEPA. Appropriations of one cfs or less of surface water, or of 2,250 gpm or less of ground water, for any purpose, and appropriations of 50 cfs or less for surface water used for irrigation are categorically exempt from SEPA. See WAC 197-11-305. Since this water right is for 2000 gpm this project is categorically exempt.

## INVESTIGATION

In considering the proposed change/transfer, the investigation included, but was not limited to, research and review of: (1) appropriate rules and statutes, (2) Ground Water Certificate G3-01548C and other water rights/claims in the vicinity, (3) water well reports for the applicant's well, and other wells in the vicinity, (4) USGS topographic maps, (5) discussions with Department of Ecology regional program staff, including review by Ecology hydrogeologists. A site visit was conducted on May 29, 2008, with David Baumann.

This application proposes to change the place of use. The application also requests the addition of an existing well and integration of this project with Ground Water Certificate G3-01543C. An application for change has been filed for G3-01543C and a separate decision will be issued for that application.

The original water right authorized 480 acres within the S½ and NE¼ of Section 31 and 480 acres within the W½ and SE¼ of Section 32, T. 16 N., R. 35 E.W.M. The applicant developed 6 standard pivots and some smaller pivots. Section 31 is an odd size section, and one of the pivots was moved from the SW¼ to the center of the W½ to fit within the section. This change authorization will correct the discrepancy of the lands developed and the place of use to be consistent with the acres historically perfected and irrigated.

In addition, the applicant proposes to add an existing well to the underlying right. The authorized wells are constructed and located in the NW¼NE¼ of Section 31 and the SW¼SW¼ of Section 32. The proposed well is located in the NW¼SW¼ of Section 21. The additional well was constructed under authorization of Certificate G3-01543C. The applicant proposes to connect the mainline of these two systems. If they have a well failure the other well would be able to maintain the irrigation on the south section of the farm.

All three wells are operational and metered. Typical crops include blue grass, wheat and potatoes.

## **Evaluation of the Water Right and Beneficial Use Analysis:**

The Washington State Supreme Court, in *Okanogan Wilderness v. Town of Twisp and Department of Ecology*, 133 Wn.2d 769, 947 P.2d 732 (1997), found that applications for change may be granted only to the extent the water has been historically put to beneficial use, as beneficial use determines the measure of a water right. They also found that the existence and quantification of a water right must be determined, including whether or not the water right has been lost for non-use before the Department can approve a change or transfer of the water right.

The applicant has historically irrigated 826 acres. Typically the wells can supply sufficient water for two standard pivots with an end gun. The crops are rotated, irrigating grass and wheat until the potato field(s) require water in late May. Most of the water is used on the potato fields until harvest. Water is then reapplied to the other fields if required for pre-irrigation and fall planting.

The annual quantity of water authorized in the certificate was based on the assumption the wells would operate at 2000 gallons per minute for the entire 300 day irrigation season. The annual quantity authorized an average of 2.7 acre-feet per acre. Based on crop rotation, and crop water duty, typically 2.7 acre-feet is applied to the potato fields and less to the grain and grass field. The Washington State Irrigation Guide suggests potatoes require 2.5 acre-feet per acre. Most of the water is used on an annual basis. Some water may not be used in some years due to crop types and rotation. RCW 90.14.140(k) identifies sufficient cause for non-use as crop rotation. Based on the field examination and crop production, 826 acres have been irrigated in the past.

The water right authorized 960 acres. The remaining acres appear to have relinquished for non-use. The instantaneous quantity will remain at 2000 gallons per minute. The annual quantity will be reduced to 2312.8 acre-feet per year to correspond to the number of authorized (826 acres) irrigated acres.

## **Hydrologic/Hydrogeologic Evaluation**

Applications for change of water right permits and certificates are governed by RCW 90.44.100, which states in part that: the holder of a valid right to withdraw public ground waters may, without losing his/her priority of right, construct wells at a new location in substitution for, or in addition to, those at the original location, or he may change the manner or the place of use of the water. Such amendment shall be issued by the Department only on the conditions that: (1) the additional or substitute well or wells shall tap the same body of public ground water as the original well or wells, (2) use of the original well or wells shall be discontinued upon construction of the substitute well or wells, (3) the construction of an additional well or wells shall not enlarge the right conveyed by the original permit or certificate, and (4) other existing rights shall not be impaired. The Department may specify an approved manner of construction and shall require a showing of compliance with the terms of the amendment.

The Minimum Standards for Construction and Maintenance of Wells, Chapter 173-160 WAC, contain certain construction requirements which must be met. The minimum well construction standards do not allow for interaquifer transfer of water. Wells need to be constructed in a manner to prohibit interaquifer transfer of water (down hole flow or in some cases up hole flow). The minimum well construction standards require that wells be constructed as to prohibit cascading waters.

The casing and sealing depths of wells are based upon the relative elevations of the well head and the Wanapum and Grande Ronde aquifers. The Department relies on water level information that has been collected over a number of years by the U.S.G.S. and the Department of Ecology. This information suggests the hydrologic break between the Wanapum and Grande Ronde aquifers typically occurs 200 feet below the geologic division of formations.

The existing 16-inch well in the SW $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 32, T. 16 N., R. 35 E.W.M. was constructed in 1967 to a depth of 734 feet. Casing was installed to a depth of 89 feet and sealed to a depth of 6 feet. Static water level was described as 265 feet below land surface. Yield at the time of construction produced 1700 gallons per minute. Based on review of the original well log, it appears the Vantage interbed (which separates the Wanapum from the Grande Ronde formation) was encountered at a depth of 641 feet below land surface. The well was deepened in 2007 to a depth of 2590 feet. Casing was installed and sealed to a depth of 841 feet. Static water level was described as 1026 feet below land surface. Yield at the time of reconstruction produced 750 gallons per minute. The well was operating at 1000 gallons per minute at the time of the field examination.

The existing 20-inch well in the NW $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 31, T. 16 N., R. 35 E.W.M. was constructed in 1974 to a depth of 620 feet. Casing was installed to a depth of 581 feet and sealed to a depth of 68 feet. Static water level was described as 195 feet below land surface. Yield at the time of construction produced 1428 gallons per minute. The well was operating at 750 gallons per minute at the time of the field examination. This well appears to be constructed into the Wanapum aquifer. If this well is deepened or reconstructed, and its final depth will be more than 840 feet deep, it will need to be cased and sealed to a minimum depth of 840 feet below land surface to allow for production from the Grande Ronde aquifer. Sealing shall be placed from the bottom of the well to the top until undiluted seal material returns to the surface through the annular space. After casing is sealed in place, the well

may be completed by drilling out the casing until sufficient water is obtained. This is designed to assure separation of hydrologic head of the shallower Wanapum aquifer from the deeper, Grande Ronde aquifer.

The well log indicates that it was sealed only to a depth of 68 feet. Regardless of its final depth on reconstruction, if this well is reworked, it will have to conform to the well drilling statutes. As such, it will probably require more properly sealed casing than was originally installed to ensure that there is no interchange of aquifer water occurring in the wellbore.

The 16-inch well in the NW¼SW¼ of Section 21, T. 16 N., R. 35 E.W.M. was constructed in 1968 to a depth of 960 feet. Casing was installed to a depth of 85 feet and sealed to a depth of 6 feet. Static water level was described as 251 feet below land surface. Yield at the time of construction produced 1500 gallons per minute. The well was operating at 800 gallons per minute at the time of the field examination. Based on review of the original well log, it appears the top of the Grande Ronde was encountered at a depth of 580 feet below land surface. If this well is deepened or reconstructed, and its final depth will be more than 780 feet, it will need to be cased and sealed to a minimum depth of 780 feet below land surface to allow for production from the Grande Ronde aquifer. Sealing shall be placed from the bottom of the well to the top until undiluted seal material returns to the surface through the annular space. After casing is sealed in place, the well may be completed by drilling out the casing until sufficient water is obtained. This is designed to assure separation of hydrologic head of the shallower Wanapum aquifer from the deeper, Grande Ronde aquifer. The well log indicates that it was sealed only to a depth of 6 feet. Regardless of its final depth on reconstruction, if this well is reworked, it will have to conform to the well drilling statutes. As such, it will probably require more properly sealed casing than was originally installed to ensure that there is no interchange of aquifer water occurring in the wellbore.

Basalt aquifers at the existing and proposed points of withdrawal are part of a large ground water reservoir occurring in a thick series of basalt flows known as the Columbia River Basalt Group. The thickness of the basalts varies from a few hundred feet at the Spokane River to over 10,000 feet in the Pasco Basin. The wells associated with this change application are producing water from this aquifer system and as such, are producing water from the same body of public groundwater.

### **Existing Water Rights**

One other water right, Ground Water Certificate No. G3-01543, is associated with this project. A Report of Examination for changes to that water right is being issued concurrently with this Report of Examination. Quantities authorized for Ground Water Certificate No. G3-01543 are shown in the table below.

Water Right	Qi	Qa	Acres
G3-01543C	1400	1867	910
G3-01548C	2000	2312.8	826
Totals	3400	4179.8	1736

### **Water Rights in the surrounding area**

A review of the surrounding water right documents produced four claims. Two of the claims are associated with the applicant. The other two claims represent domestic uses in Section 30, T. 16 N., R. 35 E.W.M. The location of claim 030766 is storage bins. No well logs are available for the uses. The claimed wells are located between the north and south sections of the Baumann Farm.

### **Impairment Analysis**

“Impair” or “impairment” means to: 1) adversely impact the physical availability of water for a beneficial use that is entitled to protection, and/or 2) to prevent the beneficial use of the water to which one is entitled, and/or 3) to adversely affect the flow of a surface water course at a time when the flows are at or below instream flow levels established by rule (POL-1200), and/or 4) degrade the quality of the source to the point that water is unsuitable for use by existing water right holders (WAC 173-150). Demonstration of impairment would require evidence of a substantial and lasting or frequent impact reflecting such conditions.

The proposed changes to add an existing point of withdrawal will not enlarge the quantity of water withdrawn from the aquifers, nor increase the irrigated acres. The instantaneous rate of withdrawal for the wells associated with this change application will not exceed what is already being exercised. It is not anticipated that the proposed change would cause any impairment to existing water rights.

### **FINDINGS**

There is a water right available for change/transfer under Ground Water Certificate G3-01548C in the amount of 2000 gallons per minute, 2312.8 acre-feet per year for the irrigation of 826 acres.

When considering an application for change to a water right, Ecology must determine that the proposed change can be made without detriment or injury to existing water rights. Factors considered when determining potential impact include the following:

**No Impairment to Existing Rights:**

There has been no documented history of pumping interference between existing wells in this area. There may be a reduction in the head in the area, however it is not anticipated that the proposed new wells would cause impairment to existing water rights.

**No Detriment to the Public Welfare:**

There has been no public expression of protest or concern regarding the subject proposal, and no findings through this investigation indicate that there would be detrimental impact to the public welfare through issuance of the proposed change.

**No Enhancement of the Original Right:**

No withdrawal of water over and above what has been authorized to beneficial use would be authorized through approval of this change.

**Same Source of Water:**

The ground water to be withdrawn from the wells is within the same body of public ground water.

**CONCLUSIONS**

It is the conclusion of this examiner that, in accordance with Chapters 90.03 and 90.44 RCW, this application for change to add one point of withdrawal and change the place of use under Ground Water Certificate No. G3-01548C will not enlarge the quantity of water authorized to be put to beneficial use, nor will it impair existing rights or be detrimental to the public welfare provided the terms and conditions are followed.

**RECOMMENDATIONS**

Based on the above investigation and conclusions, I recommend that the request for change in place of use and adding one point of withdrawal be approved in the amounts and within the limitations listed and subject to the provisions beginning on Page 2, and following.

**Purpose of Use and Authorized Quantities**

The amount of water recommended is a maximum limit and the water user may only use that amount of water within the specified limit that is reasonable and beneficial:

- 2000 gpm
- 2312.8 acre-feet per year
- Agricultural irrigation of 826 acres

**Point of Withdrawal**

250 feet south and 50 feet east from the W<sup>1</sup>/<sub>4</sub> corner of Section 21, T. 16 N., R. 35 E.W.M.  
1000 feet north and 50 feet east of the SW corner of Section 32, T. 16 N., R. 35 E.W.M.  
50 feet south and 100 feet east from the N<sup>1</sup>/<sub>4</sub> corner of Section 31, T. 16 N., R. 35 E.W.M.

**Place of Use**

390 acres in the W<sup>1</sup>/<sub>2</sub> and SE<sup>1</sup>/<sub>4</sub> of Section 32, 436 acres in Section 31 except the NW<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub> and SW<sup>1</sup>/<sub>4</sub>SW<sup>1</sup>/<sub>4</sub> thereof, T. 16 N., R. 35 E.W.M.

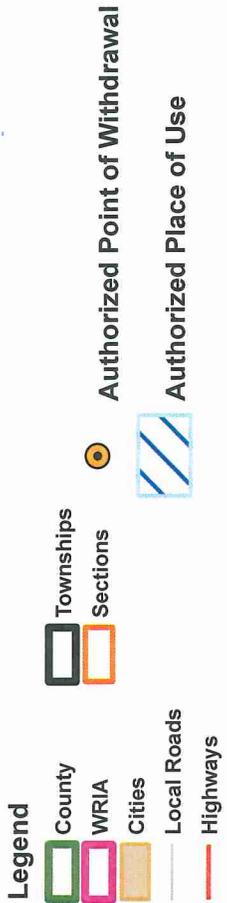
Report by: Kevin Brown Date 5/20/09  
Kevin Brown Date  
Water Resources Program

*If you need this publication in an alternate format, please call Water Resources Program at 360 407-6600. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.*

# Attachment 1



Richard H. Baumann  
 Ground Water Certificate G3-01548C  
 Sec. 20, 21, 22, 29, 31 & 32, T 16N, R 35E, W.M.  
 WRIA 36 - Adams County



**Comments:**  
 Place of use, points of withdrawal/diversions are as defined on the cover sheet under the heading, 'LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED.'

