State of Washington
REPORT OF EXAMINATION
FOR WATER RIGHT CHANGE

Added Point of Withdrawal

PRIORITY DATE
September 5, 1969

WATER RIGHT NUMBER
G3-01539C

MAILING ADDRESS
Isaak Land Inc
PO Box 953
Coulee City, Washington 99115-0953

Total Quantity Authorized for Withdrawal

WITHDRAWAL RATE	UNITS	ANNUAL QUANTITY (AF/YR)
1600	GPM	1543

Total withdrawals or diversions from all sources must not exceed the total quantity authorized for withdrawal listed above.

Purpose

	WITHDRAWAL RATE			ANNUAL QUANTITY (AF/YR)		
PURPOSE	ADDITIVE	NON-ADDITIVE	UNITS	ADDITIVE	NON-ADDITIVE	PERIOD OF USE (mm/dd)
Irrigation	1600			988	555	4/1 - 10/31

IRRIGATED ACRES		PUBLIC WATER SYSTEM INFORMATION	
ADDITIVE	NON-ADDITIVE	WATER SYSTEM ID	CONNECTIONS
406.5	222		

Source Location

COUNTY	WATERBODY	TRIBUTARY TO	WATER RESOURCE INVENTORY AREA
Grant	Groundwater		42-Grand Coulee

SOURCE FACILITY/DEVICE	PARCEL	WELL TAG	TWP	RNG	SEC	QQ Q	LATITUDE	LONGITUDE
Well 1			25 N.	30 E.	16	S½S½	47.6586° N	119.0519°W
Well 2	181822001		25 N.	30 E.	16	NW¼SE¼	47.6618° N	119.0492°W
Well 3	181823000	AHP724	25 N.	30 E.	16	SE¼SW¼	47.6556° N	119.0547°W
Well 4	181822001	AHP711	25 N.	30 E.	16	SW¼NE¼	47.6645° N	119.0499°W

Datum: NAD83/WGS84

Place of Use (See Attached Map)

PARCELS (NOT LISTED FOR SERVICE AREAS)

181822001, 181823000, 181836000

LEGAL DESCRIPTION OF AUTHORIZED PLACE OF USE

513.5 acres within Section 16 and 115 acres within the NE¼ of Section 21, all in T. 25 N., R. 30 E.W.M. Grant County, Washington

Proposed Works

Four wells, booster pumps, mainlines and irrigation pivots

Development Schedule

BEGIN PROJECT	COMPLETE PROJECT	PUT WATER TO FULL USE
Started	Completed	In Full Use

Measurement of Water Use

How often must water use be measured?	Monthly
How often must water use data be reported to Ecology?	Annually (Jan 31)
What volume should be reported?	Total Annual Volume
What rate should be reported?	Annual Peak Rate of Withdrawal (gpm)

Provisions

The total withdrawal under Certificates G3-01539 and 1476-A shall not exceed 2200 gallons per minute, 1543 acre-feet for the irrigation of 628.5 acres.

The total withdrawal under Certificates 221-A, 1476-A, 2283-A, 2482-A, 2769-A, 2802-A, 3320-A, 5492-A, G3-00884(B), G3-01352(C), G3-01539C and G3-22021C shall not exceed 7183.9 gallons per minute, 4511.06 acre-feet annually for the irrigation of a total of 1171.03 primary acres and 628.5 supplemental acres. Additionally, there are 10 gallons per minutes and 2 acre-feet for domestic supply and stockwater.

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.

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

Wells, Well Logs and Well Construction Standards

All wells constructed in the state must meet the construction requirements of WAC 173-160 titled "Minimum Standards for the Construction and Maintenance of Wells" and RCW 18.104 titled "Water Well Construction". Any well which is unusable, abandoned, or whose use has been permanently discontinued, or which is in such disrepair that its continued use is impractical or is an environmental, safety or public health hazard must be decommissioned.

At such time that any reconstruction occurs on original Well #1 located in the S½S½ of Section 16, T. 25 N., R. 30 E.W.M. and Well #2 located in the NW¼SE¼ of Section 16, T. 25 N., R. 30 E.W.M., the well owner shall contact the Department to determine the casing and sealing requirements for these wells.

Well #1 and Well #2 appear to be completed into both the Wanapum and Grande Ronde aquifers. According to WAC 173-160-181, any new or reconstructed well(s) shall be required to be constructed in such a manner to prevent the interchange of water between aquifers.

All wells must be tagged with a Department of Ecology unique well identification number. If you have an existing well and it does not have a tag, please contact the well-drilling coordinator at the regional Department of Ecology office issuing this decision. This tag must remain attached to the well. If you are required to submit water measuring reports, reference this tag number.

Installation and maintenance of an access port as described in WAC 173-160- 291(3) is required.

In addition to the required access port, the applicant must install and maintain, in operating condition, an airline and pressure gage. The pressure gage must be equipped with a standard tire valve and placed in a location accessible to Department of Ecology personnel. The airline must extend from land surface to the top of the pump bowls and the total airline length must be reported to the Department of Ecology upon completion of the pump system.

Any future pump test data shall be submitted as it is obtained to the Department of Ecology.

Measurements, Monitoring, Metering and Reporting
An approved measuring device must be installed and maintained for each of the sources identified by this water right in accordance with the rule "Requirements for Measuring and Reporting Water Use", WAC 173-173, which describes the requirements for data accuracy, device installation and operation, and information reporting. It also allows a water user to petition the Department of Ecology for modifications to some of the requirements.

Water use data shall be recorded monthly and maintained by the property owner for a minimum of five years. The maximum rate of withdrawal and the annual total volume shall be submitted to the Department of Ecology by January 31st of each calendar year. Recorded water use data shall be submitted to the Eastern Regional Office.

Easement and Right-of-Way
The water source and/or water transmission facilities are not wholly located upon land owned by the applicant. Issuance of a water right change authorization by this department does not convey a right of access to, or other right to use, land which the applicant does not legally possess. Obtaining such a right is a private matter between applicant and owner of that land.

Water Use Efficiency
The water right holder is required to maintain efficient water delivery systems and use of up-to-date water conservation practices consistent with RCW 90.03.005.

Schedule and Inspections
Department of Ecology personnel, upon presentation of proper credentials, will have access at reasonable times, to the project location, and to inspect at reasonable times, records of water use, wells, diversions, measuring devices and associated distribution systems for compliance with water law.

Findings of Facts

Upon reviewing the investigator's report, I find all facts, relevant and material to the subject application, have been thoroughly investigated. Furthermore, I concur with the investigator that water is available from the source in question; that there will be no impairment of existing rights; that the purpose(s) of use are beneficial; and that there will be no detriment to the public interest.

Therefore, I ORDER approval of Application for change to superseding Ground Water Certificate No. G3-01539C, subject to existing rights and the provisions specified above.

Your Right To Appeal

You have a right to appeal this Order to the Pollution Control Hearings Board (PCHB) within 30 days of the date of receipt of this Order. The appeal process is governed by Chapter 43.21B RCW and Chapter 371-08 WAC. "Date of receipt" is defined in RCW 43.21B.001(2).

To appeal you must do the following within 30 days of the date of receipt of the Order.

File your appeal and a copy of this Order with the PCHB (see addresses below). Filing means actual receipt by the PCHB during regular business hours.

- Serve a copy of your appeal and this Order on Ecology in paper form - by mail or in person. (See addresses below.) E-mail is not accepted.
- You must also comply with other applicable requirements in Chapter 43.21B RCW and Chapter 371-08 WAC.

Street Addresses	Mailing Addresses
Department of Ecology Attn: Appeals Processing Desk 300 Desmond Drive SE Lacey, WA 98503	**Department of Ecology** Attn: Appeals Processing Desk PO Box 47608 Olympia, WA 98504-7608
Pollution Control Hearings Board 1111 Israel Road SW Ste 301 Tumwater, WA 98501	**Pollution Control Hearings Board** PO Box 40903 Olympia, WA 98504-0903

Signed at Spokane, Washington, this 13th day of August, 2014.

Keith L. Stoffel, Section Manager

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.

INVESTIGATOR'S REPORT
Dan Tolleson, Department of Ecology
Water Right Control Number CG3-01539C@2
Ground Water Certificate No. G3-01539C

BACKGROUND

This report serves as the written findings of fact concerning application for change/transfer to superseding Ground Water Certificate No. G3-01539C. Isaak Land Company propose to add one well under this application.

EXISTING Water Right Attributes

Water Right Owner	Isaak Land Inc
Priority Date	9/5/1969
Place of Use	Supplemental irrigation of 513.5 acres within Section 16, T. 25 N., R. 30 E.W.M and 115 acres within the NE¼ of Section 21, T. 25N., R. 30 E.W.M. All in Grant County, Washington.

County	Waterbody	Tributary To	WRIA
Grant	Groundwater		42-Grand Coulee

Purpose	Rate	Unit	Ac-ft/yr	Begin Season	End Season
Irrigation of 628.5 acres	1600	GPM	1543	04/01	10/31

Source Name	Parcel	Well Tag	Twp	Rng	Sec	QQ Q	Latitude	Longitude
Well 1			25 N.	30 E.	16	S½S½	47.6586° N	119.0519°W
Well 2	181822001		25 N.	30 E.	16	NW¼SE¼	47.6618° N	119.0492°W
Well 3	181823000	AHP724	25 N.	30 E.	16	SE¼SW¼	47.6556° N	119.0547°W

CFS = Cubic Feet per Second; Ac-ft/yr = Acre-feet per year; Sec. = Section; QQ Q = Quarter-quarter of a section; WRIA = Water Resource Inventory Area; E.W.M. = East of the Willamette Meridian; Datum in NAD83/WGS84.

REQUESTED Water Right Attributes

Applicant Name	Isaak Land Inc
Date of Application	12/3/2012
Place of Use	Supplemental irrigation of 513.5 acres within Section 16, T. 25N., R. 30 E.W.M and 115 acres within the NE¼ of Section 21, T. 25 N., R. 30 E.W.M. All in Grant County, Washington.

County	Waterbody	Tributary To	WRIA
Grant	Groundwater		42-Grand Coulee

Purpose	Rate	Unit	Acre-feet/yr	Begin Season	End Season
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Proposed Well 4	181822001	AHP711	25 N.	30 E.	16	SW¼NE¼	47.6645° N	119.0499°W

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Legal Requirements for Requested Change

The following is a list of requirements that must be met prior to authorizing the proposed change.

Public Notice

RCW 90.03.280 requires that notice of a water right application be published once a week, for two consecutive weeks, in a newspaper of general circulation in the county or counties where the water is to be stored, diverted and used. Notice of this application was published in the Coulee City News-Standard on January 2 and 9, 2013 and no protests were received.

State Environmental Policy Act (SEPA)

A water right application is subject to a SEPA threshold determination (i.e., an evaluation whether there are likely to be significant adverse environmental impacts) if any one of the following conditions are met.

(a) It is a surface water right application for more than 1 cubic foot per second, unless that project is for agricultural irrigation, in which case the threshold is increased to 50 cubic feet per second, so long as that irrigation project will not receive public subsidies;
(b) It is a groundwater right application for more than 2,250 gallons per minute;
(c) It is an application that, in combination with other water right applications for the same project, collectively exceed the amounts above;
(d) It is a part of a larger proposal that is subject to SEPA for other reasons (e.g., the need to obtain other permits that are not exempt from SEPA);
(e) It is part of a series of exempt actions that, together, trigger the need to do a threshold determination, as defined under WAC 197-11-305.

Because this application is part of larger project that entails the withdrawal of more than 2,250 gallons per minute, it is subject to SEPA. A final Determination of Non-Significance was issued by the Department of Ecology on July 8, 2014, stating that no environmental impact statement is required.

Water Resources Statutes and Case Law

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.

The Washington Supreme Court has held that Ecology, when processing an application for change to a water right, 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.*

RCW 90.44.100 allows Ecology to amend a ground water permit to (1) allow the user to construct a replacement or additional well at a new location outside of the location of the original well, or to (2) change the manner or place of use of the water, if:

(a) The additional or replacement well taps the same body of public ground water as the original well. RCW 90.44.100(2)(a),
(b) Where a replacement well is approved, the user must discontinue use of the original well and properly decommission the original well. RCW 90.44.100(2)(b),
(c) Where an additional well is constructed, the user may continue to use the original well, but the combined total withdrawal from all wells shall not enlarge the right conveyed by the original permit or certificate. RCW 90.44.100(2)(c),
(d) Other existing rights shall not be impaired. RCW 90.44.100(2)(d).

When changing or adding points of withdrawal to groundwater rights (RCW 90.44.100), or when consolidating exempt wells with an existing permit or certificate (RCW 90.44.105), the wells must draw from the *same body of public groundwater*. Indicators that wells tap the *same body of public groundwater* include:

(a) Hydraulic connectivity.
(b) Common recharge (catchment) area.
(c) Common flow regime.
(d) Geologic materials that allow for storage and flow, with recognizable boundaries or effective barriers to flow.

INVESTIGATION

In considering the proposed application, the investigation included, but was not limited to, research and review of: (1) appropriate rules and statutes; (2) other water rights, permits and claims; (3) USGS topographic maps, aerial photographs and satellite imagery; (4) authorized and proposed points of withdrawal; (5) authorized and proposed place of use; (6) Hydrogeologic Analysis: Coulee City dated October 3, 2012; and (7) discussions with Department of Ecology regional program staff.

A site visit was conducted by Dan Tolleson on January 27, 2014. The project is located approximately 3 miles southeasterly of Hartline, Washington, within Grant County. This project lies within the "Wilson Creek-Coulee City Area". The Wilson Creek – Coulee City Area is a work area that was designated during a hydrogeologic study conducted in the 1980s for new water right applications. A second water availability study of the area was conducted in recent years and is documented in an Ecology internal report entitled *Hydrogeologic Analysis: Coulee City,* dated October 3, 2012.

The authorized place of use describes an area of rolling land bisected by a few small coulees that is irrigated by pivot systems. This irrigation within the place of use consists of five full sweep pivots. The area around the irrigation pivots is generally undeveloped and not used for irrigated agriculture. A shop and house with a lawn and garden are located in the northeastern corner of Section 16.

The authorized points of withdrawal are three wells located within the south half of Section 16. Well Nos. 1 and 2 are now used as back up sources and Well No. 3 is used as a primary source. Well No. 1 is currently offline, with the other two wells are utilizing a turbine pumping system. The authorized wells and proposed Well 4 are currently an integrated system, with booster pumps.

Proposed Well No. 4 is located in the SW¼NE¼ of Section 16 just outside of the sweep of the irrigation pivots. This proposed well was originally intended to be a replacement well using the Showing of Compliance 90.44.100 form. The well was constructed in 2011 outside the legally advertised withdrawal area which resulted in this application. This well is currently a primary source of water for this water right.

The existing and proposed system of wells can produce more water than is authorized under this right, which is a result of these wells being used as a source for multiple rights. At least one of the wells from this system is an authorized source for the following ground water rights: 221-A, 1476-A, 2283-A, 2482-A, 2769-A, 2802-A, 3320-A, 5492-A, G3-00884C(B), G3-01352C(C), G3-01539C, and G3-22021C. Because this system has multiple water rights and wells, water withdrawals will need to be coordinated so as not to exceed the quantities authorized under each right.

History of Water Use

Ground Water Certificate No. G3-01539C was issued in 1969 which is prior to the study referred to as the "Wilson Creek – Coulee City Work Area" in which this water right is now located. This water right authorization remained the same until 2011, when an application for change was approved. This resulted in additional wells and a change in place of use which added additional acreage by spreading the water right. In 2012, a superseding water right was issued that indicated that the water right had been put to full beneficial use.

This right was issued with the following provision/restriction: The total withdrawal under Certificates G3-01539 and 1476-A shall not exceed 2200 GPMs, 1543 acre-feet for the irrigation of 628.5 acres. This means Ground Water Certificate No. G3-01536C is less water withdrawn under Ground Water Certificate No. 1476-A with respect to annual quantity and acres of irrigation.

In accordance with Policy POL-1120, if a tentative determination has been performed on a water right in the last five years, then only a simplified tentative determination is required for a new change application. A complete determination of historical use and development was done, for this right, in the Report of Examination (ROE) issued by the Grant County Conservancy Board in August of 2011. The annual consumptive quantity (ACQ) of the right was determined since in part the applicant requested that the right be spread to cover additional acres. A Record of Decision (ROD) was issued in October of 2011, by Ecology, which modified the decision submitted by the Conservancy Board. This authorization determined that 600 gallons per minute and 555 acre-feet of the water right were available to be spread to 222 acres of land for seasonal irrigation. A superseding Certificate of Water Right was issued in May of 2012 that indicated water had been put to full beneficial use.

Since the Superseding Certificate was issued, this right has been utilized for the irrigation of the maximum acres authorized. Various crops were grown in those years, with timothy hay having the highest water duty. Timothy hay has a similar water duty and cropping pattern as alfalfa. Consumptive water use according to the State of Washington Irrigation Guide (WA210-VI-WAIG) is 3.1 acre-feet per acre within the Wilson Creek area for alfalfa. At a 90% efficiency rate of application from the drop tube

style pivots, a total of 3.4 acre-feet per acre is required for irrigation. Taking into account the location of the right as compared to the data provided in the Irrigation Guide and the rotation of crops, full quantities of water have been put to full beneficial use since the superseding certificate was issued. Therefore, the entire water right of 1600 gpm, 1543 acre-feet, for the seasonal irrigation of 628.5 acres is available for change.

Proposed Use

The applicant proposes to add an additional well for a total of four points of withdrawal.

Well Tags

WAC 173-160 contains requirements for well drillers, system operators and/or owners to tag new and existing wells with identification tags supplied by Ecology. The well identification program creates a standard system to identify all newly constructed or existing wells, so that property owners and various agencies can readily share well data. In addition, Ecology field staff use the well tag to identify the well. Accordingly, this decision contains provisions requiring each well to be tagged with a unique identification number.

Other Rights Appurtenant to the Place of Use

A review of Ecology records was conducted for existing water right certificates, permits, and claims in the surrounding area of this project. The search focused primarily on Sections 16 and 21 of T. 25 N., R. 30 E.W.M. The review of Ecology records shows four water rights and claims appurtenant to the place of use which are as follows:

Ground Water Certificate No. 1476-A. This right currently has a change application on file to add the same well as this proposed change application. Ground Water Certificate No. 1476-A is a primary additive water right. Ground Water Certificate No. G3-01539C is less any water withdrawn under Ground Water Certificate No. 1476-A.

Ground Water Certificate No. G3-01352C(C), together with an ROE dated January 23, 2014 and ROD dated March 6, 2014. This authorization has a development schedule indicating that *Beginning of Construction* is due January 1, 2015. This water right has the following provision: "The total withdrawal under Certificates 221-A, 1476-A, 2283-A, 2482-A, 2769-A, 2802-A, 3320-A, 5492-A, G3-00884(B), G3-01352(C), G3-01539C and G3-22021C shall not exceed 7183.9 gallons per minute, 4511.06 acre-feet annually for the irrigation of a total of 1171.03 primary acres and 628.5 supplemental acres. Additionally, there are 10 gallons per minute and two acre-feet for domestic supply and stockwater." Ground Water Certificate No. G3-01352C(C) only has ten acres of authorized irrigation that overlap the place of use of Ground Water Certificate No. 1476-A and G3-01539C. These ten acres of irrigation are primary and additive.

Ground Water Right Claim No. 111636 claimed 100 gallons per minute and three acre-feet for domestic supply. The claimed date of first use was 1958 which is after the ground water code was introduced, therefore the claim appears to be invalid.

Ground Water Right Claim No. 111637 claimed 75 gallons per minute and 4 acre-feet for domestic supply and cattle. This claim appears to be abandoned since the point of withdrawal is now located within a pivot sweep.

The validity and extent of above listed water rights are not determined in this report.

Hydrologic/Hydrogeologic Evaluation

The following hydrogeologic analysis was written by Tracy Band, Hydrogeologist, and was reviewed by Guy J. Gregory, R.G., L.G., L.Hg, Technical Unit Supervisor of the Water Resources Program, Ecology's Eastern Regional office.

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 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. Any amendment shall be issued by the Department of Ecology (Ecology) only under the conditions that (1) an 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) all existing water rights shall not be impaired. Ecology may specify an approved manner of well construction and shall require a showing of compliance with the provisions of the amendment.

The proposed change to add one point of withdrawal is located in a large ground water reservoir occurring in a thick series of basalt flows known as the Columbia River Basalt Group. The thicknesses of the basalts vary from a few hundred feet at the Spokane River to over 10,000 feet in the Pasco Basin. The existing and proposed wells associated with this change application must produce water from the same aquifer system and as such, must both produce water from the same body of public groundwater.

Existing Well #1, is located within T. 25 N., R. 30 E., in the S½S½ of Section 16. It was drilled in 1953 to a depth of 375 feet, through 33 feet of top soil, clay, and gravel, and is completed in basalt. Construction details and yields at the time of drilling are not known. The well has historically been used for irrigation purposes, but is currently offline and used as a back up well to Well 3.

Existing Well #2, is located within T. 25 N., R. 30 E., in the NW¼SE¼ of Section 16. It was drilled in 1977 to a depth of 595 feet, through 17 feet of top soil, and then completed in basalt. 24 feet of casing was sealed into the formation. The static water level at the time of drilling was 384 feet below land surface, and yielded 1,950 gpm with no drawdown after six and a half hours. The well penetrates the Grande Ronde Basalt Member at a depth of 173 feet (U.S. Geological Survey Open-File Report 88-182), and produces water from both the Wanapum and Grande Ronde Aquifers. The well has been used for irrigation purposes and serves as a back up well to Well 3.

Existing Well #3, is located within T. 25 N., R. 30 E., in the SE¼SW¼ of Section 16. It was drilled in 2011 to a depth of 1491 feet, through nine feet of top soil, gravel, silt, and into basalt. Casing was installed and sealed to a depth of 599 feet. The well produces water from the Grande Ronde aquifer. The static

water level at the time of drilling was 500 feet below land surface, and yielded 2500 gpm for one hour with an unknown amount of drawdown. The well has been used for irrigation purposes, and is used as a primary source of water for this water right.

The proposed well, Well #4, is located within T. 25 N., R. 30 E., in the SW¼NE¼ of Section 16. The well was drilled in 2012 to a depth of 1540 feet, through 15 feet of silt, caliche, sandstone, and into basalt. Casing was installed and sealed to a depth of 630 feet. The well produces water from the Grande Ronde aquifer. The static water level at the time of drilling was 510 feet below land surface, and yielded 2000 gpm for one hour with an unknown amount of drawdown. The well has been used for irrigation purposes, and is used as a primary source of water for this water right.

Wells 3 and 4 are completed into the Grande Ronde aquifer. Wells 1 and 2 are completed into both the Wanapum and Grande Ronde aquifers. If reconstruction were to occur at any time on Wells 1 or 2, it shall be conducted in compliance with Chapter 18.104 RCW and Chapter 173-160 WAC. Any cascading water encountered shall be precluded by casing and sealing, and no interaquifer transfer of water shall be allowed.

Impairment Considerations

"Impair" or "impairment" means to 1) adversely impact the physical availability of water for a beneficial use that is entitled to protection, not including earlier filed applications , 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, 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).

The proposed change to add a point of withdrawal will not enlarge the quantity of water historically authorized, nor will it impair existing rights. There has been documented history of groundwater level declines and of pumping interference problems between existing wells in this area. The proposed well was utilized in 2012-13 without any recorded complaints. It is not anticipated that the proposed change would cause any impairment to existing water rights. In the unforeseen event that the new well causes impairment to existing rights, it will be treated as a junior appropriator and regulated accordingly.

Public Interest Considerations

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

Conclusions

In accordance with Chapters 90.03 and 90.44, approval of this application to add one point of withdrawal as granted under Ground Water Certificate No. G3-01539C will not enlarge the quantity of water authorized, nor will it impair existing rights or be detrimental to the public welfare provided the terms and conditions above are followed.

The amount of water recommended is a maximum limit that shall not be exceeded, and the water user may only use that amount of water within the specified limit that is reasonable and beneficial. This authorization does not increase in any way the original amounts authorized.

RECOMMENDATIONS

Based on the above investigation and conclusions, I recommend that this request for a water right be approved in the amounts and within the limitations listed below and subject to the provisions listed above

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:

1600 Gallons per minute
1543 acre-feet per year (less Ground Water Certificate No. 1476-A)
Irrigation of 628.5 acres from 5/1 – 10/31 (less Ground Water Certificate No. 1476-A)

Points of Withdrawal

Well 1 – S½S½ of Section 16, T. 25 N., R. 30 E.W.M.
Well 2 – NW¼SE¼ of Section 16, T. 25 N., R. 30 E.W.M.
Well 3 – SE¼SW¼ of Section 16, T. 25 N., R. 30 E.W.M.
Well 4 – SW¼NE¼ of Section 16, T. 25 N., R. 30 E.W.M.

Place of Use

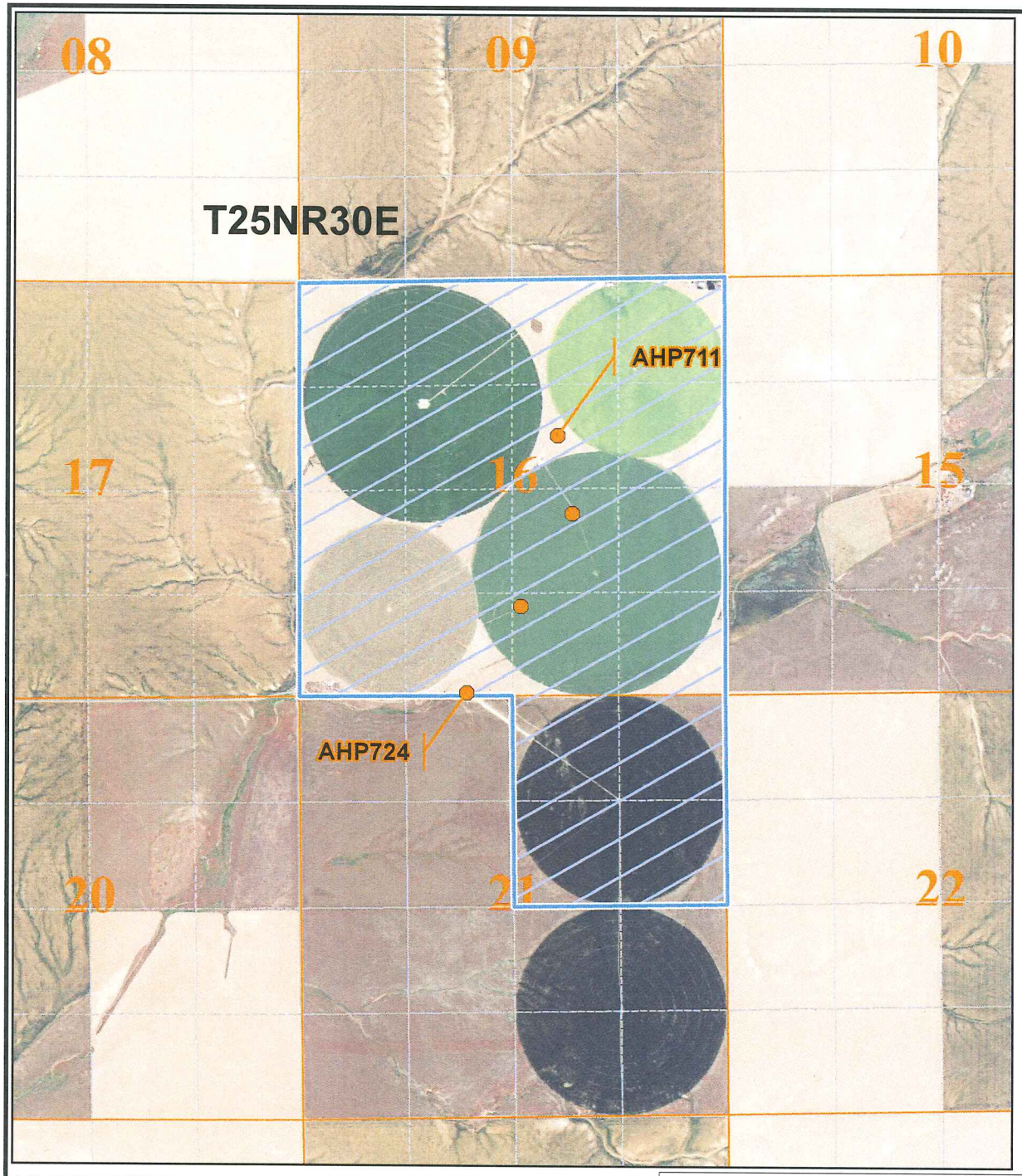
As described on Page 1 of this Report of Examination.

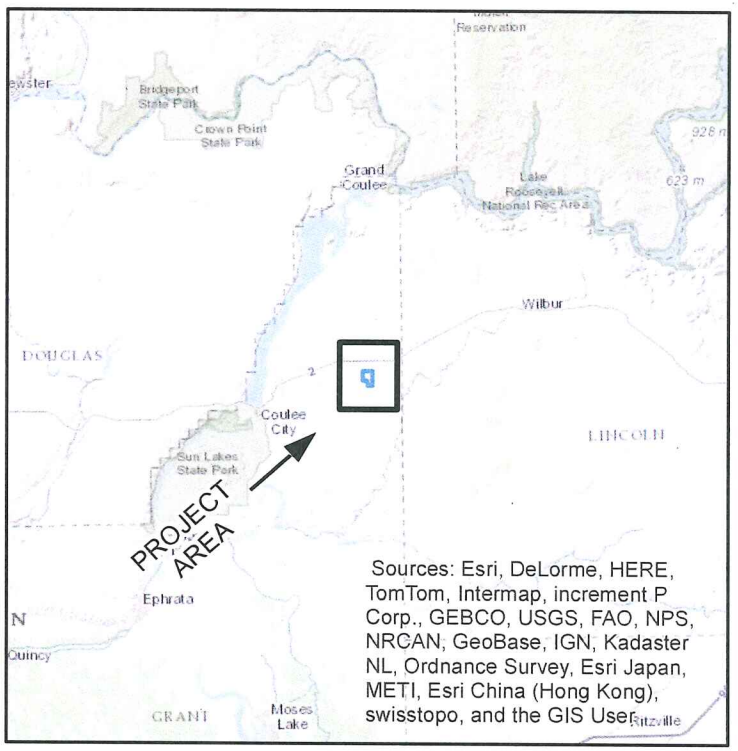
Dan Tolleson 8/13/2014

Dan Tolleson, Report Writer *Date*

If you need this publication in an alternate format, please call the 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.

Isaak Land Inc.
Water Right Number G3-01539C
T28N/R43E, T27N/R42E, T27N/R43E,
T26N/R42E, T26N/R43E





Basemap - (ESRI US Topographic Maps)

Legend

Authorized Place of Use

Townships

Sections

Authorized Point of Withdrawl

0 660 1,320 2,640 3,960 5,280 6,600 Feet

Basemap - (NAIP 2011 1m color)

DEPARTMENT OF ECOLOGY State of Washington

Map Date: 6/17/2014

Comment:
Place of use and source locations are as defined within the Report of Examination cover sheet for the document identfied in the header above.

ATTACHMENT 1