



State of Washington
DRAFT
 REPORT OF EXAMINATION
 FOR WATER RIGHT CHANGE

File NR CG2-27681@5
 WR Doc ID 6045416

Exempt Wells Consolidated

PRIORITY DATE January 9, 1990	WATER RIGHT NUMBER CG2-27681@5
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MAILING ADDRESS CLALLAM COUNTY PUD 1 PO BOX 1090 PORT ANGELES WA 98362	SITE ADDRESS (IF DIFFERENT) CARLSBORG WATER SYSTEM BUSINESS PARK LOOP SEQUIM WA 98382
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Total Quantity Authorized for Withdrawal or Diversion

WITHDRAWAL OR DIVERSION RATE	UNITS	ANNUAL QUANTITY (AF/YR)
406	GPM	396.3

Purpose

PURPOSE	WITHDRAWAL OR DIVERSION RATE		UNITS	ANNUAL QUANTITY (AF/YR)		PERIOD OF USE (mm/dd)
	ADDITIVE	NON-ADDITIVE		ADDITIVE	NON-ADDITIVE	
Municipal Supply	406		GPM	396.3		01/01 - 12/31

IRRIGATED ACRES		PUBLIC WATER SYSTEM INFORMATION	
ADDITIVE	NON-ADDITIVE	WATER SYSTEM ID	CONNECTIONS
		003070	

COUNTY	WATERBODY	WATER RESOURCE INVENTORY AREA
CLALLAM	GROUNDWATER	18-ELWHA-DUNGENESS

SOURCE FACILITY/DEVICE	PARCEL	WELL TAG	TWP	RNG	SEC	QQ Q	LATITUDE	LONGITUDE
LUD #10 Well	043015449110	ACA563	30N	04W	15	SESE	48.0895	-123.1683

Datum: NAD83/WGS84

Place of Use (See Attached Map)

LEGAL DESCRIPTION OF AUTHORIZED PLACE OF USE

The place of use (POU) of this water right is the service area described in the most recent Water System Plan/Small Water System Management Program approved by the Washington State Department of Health, so long as the water system is and remains in compliance with the criteria in RCW 90.03.386(2). RCW 90.03.386 may have the effect of revising the place of use of this water right.

Proposed Works

LUD #10 Well: 8" x 159' with a 10 horsepower submersible pump, two 150,000-gallon reservoirs and a distribution system for municipal supply

Development Schedule

BEGIN PROJECT	COMPLETE PROJECT	PUT WATER TO FULL USE
Started	Completed	September 1, 2030

Additional Actions and Due Dates

ACTION	DATE DUE
File well decommissioning reports and execute legally enforceable agreements	September 1, 2017

Measurement of Water Use

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

Provisions

Well Decommissioning and Consolidation Requirements

The exempt wells under this consolidation must be properly decommissioned in accordance with Chapter 18.104 RCW and WAC 173-160-381 and well decommissioning reports must be promptly filed with the Department of Ecology's Southwest Regional Office Water Resources Program.

Legally enforceable agreements must be executed prohibiting the construction of future wells to serve parcels previously or currently involved in exempt right consolidations and appropriate binding limitations must be placed on the titles to these properties to ensure applicability to subsequent land owners.

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.

All wells must be tagged with a Department of Ecology unique well identification number. This tag must remain attached to the well. You must reference this tag number when submitting metering data under this water right.

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

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.

Recorded water use data shall be submitted via the Internet.

Water Level Monitoring

In order to maintain a sustainable supply of water, pumping must be managed so that static water levels do not progressively decline from year to year. Static water levels shall be measured and recorded monthly using a consistent methodology. The length of the pumping period or recovery period prior to each measurement shall be constant and shall be included in the record. Data for the previous year shall be submitted by January 31 to the Department of Ecology.

Static water level data shall be submitted in digital format and shall include the following elements:

- (1) Unique Well ID Number.
- (2) Measurement date and time.
- (3) Measurement method (air line, electric tape, pressure transducer, etc.).
- (4) Measurement accuracy (to nearest foot, tenth of foot, etc.).
- (5) Description of the measuring point (top of casing, sounding tube, etc.).
- (6) Measuring point elevation above or below land surface to the nearest 0.1 foot.
- (7) Land surface elevation at the well head to the nearest foot.
- (8) Static water level below measuring point to the nearest 0.1 foot.

Department of Health Requirements

Prior to any new construction or alterations of a public water supply system, the State Board of Health rules require public water supply owners to obtain written approval from the Office of Drinking Water of the Washington State Department of Health. Please contact the Office of Drinking Water at Southwest Drinking Water Operations, 243 Israel Road S.E., PO Box 47823, Tumwater, WA 98504-7823, (360) 236-3030.

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.

Proof of Appropriation

The water right holder must file the notice of Proof of Appropriation of water (under which the certificate of water right is issued) when the permanent distribution system has been constructed and the quantity of water required by the project has been put to full beneficial use. The certificate will reflect the extent of the project perfected within the limitations of the water right. Elements of a proof inspection may include, as appropriate, the source(s), system instantaneous capacity, beneficial use(s), annual quantity, place of use, and satisfaction of provisions.

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 No. CG2-27681@5, 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 RD SW Ste 301 Tumwater, WA 98501	Pollution Control Hearings Board PO Box 40903 Olympia, WA 98504-0903

Signed at Olympia, Washington, this _____ day of _____ 2014.

Michael J. Gallagher, Section Manager

INVESTIGATOR'S REPORT

Marie Peter, Department of Ecology

Water Right Control Number CG2-27681@5

Clallam County PUD 1

BACKGROUND

This report serves as the written findings of fact concerning Water Right Application Number CG2-27681@5.

EXISTING Water Right Attributes for Water Right G2-27681

Water Right Owner:	PUD #1 of Clallam County
Water System:	Carlsborg Water System (LUD 10, 12 13, 14) DOH Water System ID#003070
Priority Date:	1/9/1990
Place of Use	The place of use (POU) of this water right is the service area described in the most recent Water System Plan/Small Water System Management Program approved by the Washington State Department of Health, so long as the water system is and remains in compliance with the criteria in RCW 90.03.386(2). RCW 90.03.386 may have the effect of revising the place of use of this water right.

County	Waterbody	WRIA
Clallam	Groundwater	18-Elwha-Dungeness

Purpose	Rate	Unit	Ac-ft/yr	Begin Season	End Season
Municipal	341	GPM	395.6	01/01	12/31

Source Name	Parcel ID	Well Tag	Twp	Rng	Sec	QQ Q	Latitude	Longitude
LUD #10 Well	043015400090	ACA563	30N	04W	15	SE SE	48.0895	-123.1683

GPM= Gallons per minute; 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.

Exempt Well Information

County	Waterbody	WRIA
Clallam	Groundwater	18-Elwha-Dungeness

Source ID	Purpose	Peak Instantaneous Rate	Annual Quantity Used
Windy Way Well	Domestic	50 GPM	0.39 Ac-ft/yr
Highway 101 Well	Commercial	15 GPM	0.31 Ac-ft/yr

Source ID	Parcel	Twp	Rng	Sec	QQ Q
Windy Way Well	043015149090	30N	04W	15	SE NE
Highway 101 Well	043022240250	30N	04W	22	SE NW

GPM=Gallons per minute; 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

Water Right Holder:	PUD #1 of Clallam County
Date of Application:	12/20/2013
Place of Use	Same

County	Waterbody	WRIA
Clallam	Groundwater	18-Elwha-Dungeness

Purpose	Peak Instantaneous Rate	Annual Quantity	Begin Season	End Season
Municipal Supply	406 GPM	396.3 Ac-ft/yr	01/01	12/31

A total increase of 65 gallons per minute and 0.7 acre-feet per year is requested under Application CG2-27681 for the proposed consolidation.

Source Name	Parcel	Well Tag	Twp	Rng	Sec	QQ Q	Latitude	Longitude
LUD #10 Well	043015449110	ACA563	30N	04W	15	SE SE	48.0895	-123.1683

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.

Legal Requirements for Requested Change

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

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 *Peninsula Daily News* of Clallam County on February 16, 2014 and February 23, 2014. No protests or letters of concern were received in response to this notice.

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 does not meet any of these conditions, it is categorically exempt from SEPA and a threshold determination is not required.

Water Resources Statutes

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.

RCW 90.03.570(1) and (2) state, that if specific conditions are fulfilled, a municipal water supplier is eligible for a change of water right as provided by RCW 90.03.380. This is true even if the right was not put to full beneficial use.

RCW 90.44.105 provides that permit-exempt uses (RCW 90.44.050) may be consolidated with a valid right to withdraw ground water only if all the following conditions are met:

- 1) The exempt well taps the same body of public ground water as the well to which the exempt well right is being consolidated.
- 2) Use of the exempt well is discontinued upon approval of the consolidation.
- 3) Construction of another exempt well serving the area previously served by the exempt well is prohibited by legally enforceable agreements.
- 4) Use of the exempt wells will be discontinued and the wells properly decommissioned.
- 5) Other existing surface and ground water rights, as well as minimum in-stream flows adopted by rule, will not be impaired.

Although a large portion of Water Right Certificate G2-27681 is inchoate, this right is for municipal supply purposes and all existing quantities remain in good standing. This right is eligible for consolidation of exempt rights.

INVESTIGATION

In consideration of this application, I reviewed the following:

- Information submitted by the Public Utility District No. 1 of Clallam County in support of this application.
- Electronic mail communications with District staff member, Aaron Petroff.
- PUD No. 1 of Clallam County Water System Plan Volume 1, System Analysis and Capital Program, dated October, 2010.
- Parcel information from the Clallam County Assessor & Treasurer web site.
- Department of Ecology's Well Log database and Water Rights Tracking System (WRTS) database.
- The May 2005 Elwha-Dungeness Watershed Plan, Water Resource Inventory Area 18 (WRIA 18) and Sequim Bay in West WRIA 17, published by Clallam County.
- The original Report of Examination for Water Right G2-27681 dated January 8, 1992.
- The June, 1990, Carlsborg Water Supply Well Construction and Testing Report by Northwestern Territories, Inc.

The Carlsborg Water System is located approximately two miles west of the western boundary of the City of Sequim, in Clallam County, within Water Resource Inventory Area 18 (WRIA 18). The system was formed as a consolidation of four former local utility districts and the Sequim Valley Tracts Water

System and provides service to areas within and outside of the Carlsborg Urban Growth Area. Matriotti Creek, a tributary of the Dungeness River, runs through the service area.

The primary source serving the Carlsborg Water System is the LUD #10 well. The system also maintains two emergency sources, the original Sequim Valley Tracts #1 and #2 wells, located approximately ½ mile south of the LUD #10 well.

Existing Water Use

Water Right Permit G2-27681 was originally issued for the LUD #10 well in 1990 for 320 gpm and 393 acre-feet per year for municipal supply. As a result of previous exempt well consolidations, the annual and instantaneous quantities have increased to the current authorization of 341 gpm and 395.6 acre-feet per year. The LUD #10 well is currently equipped to pump 320 gpm and the system is using approximately 15 to 20% of the total allocated annual quantity. Municipal water use in the Carlsborg area consists mainly of commercial/industrial and residential connections.

The two Sequim Valley Tracts wells maintained as emergency sources for the Carlsborg system are covered under Water Right Certificates G2-GWC5855 and G2-22899. These rights authorize a total withdrawal of 120 gpm and 88.8 acre-feet per year. The LUD #10 well is not covered under the Sequim Valley Tracts rights.

Exempt Well Use Information

Source ID	Purpose	Priority Date (Date of First Use)	Peak Instantaneous Withdrawal Rate	Estimated Annual Quantity Used
Windy Way Well	Domestic	Jan 6, 1998	50 gpm	0.39 Ac-ft/yr
Highway 101 Well	Commercial/domestic	Sept 23, 1999	15 gpm	0.31 Ac-ft/yr
Total Use			65 gpm	0.70 Ac-ft/yr

The Windy Way exempt well was completed in 1998 and was used continuously for single domestic supply through 2013. The parcel served by this well was approximately 5.5 acres in size. The well log indicates that the well produced 50 gpm. Although the well was not metered, the District estimates that an annual quantity of approximately 0.39 acre-feet per year was used for domestic supply, including lawn and garden irrigation.

The Highway 101 exempt well was completed in 1999 and used continuously for commercial/domestic supply of a real estate office and associated landscaping irrigation on a 2.3-acre parcel, through June, 2012, when the property was sold to the District. The well was pumped at 15 gpm and was also not metered. The District estimates historical annual use of this well at approximately 0.31 acre-feet per year.

Proposed Use

This application requests the consolidation of two rights established through beneficial use of groundwater under the permit exemption of RCW 90.44.050. The purpose of use will change from single domestic supply to municipal supply which is also a beneficial use of water.

The Windy Way well served a parcel adjacent to the northeast service area boundary, immediately outside of the UGA boundaries. The District now owns this parcel and has incorporated it into its service

area. It plans to remove the existing home and use the property as an access point for adjoining property it owns. The well will be decommissioned.

The Highway 101 exempt well and the parcel it served is located within the Carlsborg Urban Growth Area (UGA) and is in the District's existing retail and future service area boundaries. The District now owns this parcel and plans to remove the building that housed the real estate office. A new administrative office for the District will be constructed at this site and connected to the municipal supply system and the well will be decommissioned.

Water use estimates provided by the District are reasonable estimates of typical domestic and commercial use in this area. The Windy Way and Highway 101 wells were used continuously for beneficial purposes and the rights established under the groundwater exemption of RCW 90.44.050 are eligible for consolidation with Water Right G2-27681.

The total instantaneous and annual quantities historically withdrawn from the exempt wells will be withdrawn from the existing LUD #10 well. The District's 2010 Water System Plan indicates that it will continue to evaluate the need for developing an additional source serving the Carlsborg system and recommends future development of a higher capacity replacement well capable of 430 gpm to meet future demand. The District may add one or more future wells to this water right by filing a Showing of Compliance affidavit if the criteria specified in RCW 90.44.100 are met.

Hydrologic/Hydrogeologic Evaluation

The original Report of Examination for this water right issued on January 8, 1992, indicates that the District's LUD #10 well is completed in the upper confined or "middle" aquifer (USGS Unit 3). The well is currently equipped with a 10 horsepower pump and produces 320 gpm.

LUD #10 Well Construction Information

Well	Dimensions	Well Elevation	Static Water Level below top of casing	Date drilled
Carlsborg/LUD #10 Well	8" x 177'	185 feet above mean sea level	38 ft below top of casing	01-22-98

The well logs for the exempt wells indicate that they are completed in a shallower water-bearing zone, within the unconfined or "water-table" aquifer (USGS Unit 1). The completion depths and static water levels of these wells are similar to those of other exempt wells previously consolidated with this water right.

Exempt Well Construction Information

Well	Dimensions	Static Water Level below top of casing	Date drilled
Windy Way Well	6" x 60'	32 ft	01-22-1998
Highway 101 Well	6" x 77'	61 ft	09-14-1999

The LUD #10 well log shows that the completion zone is separated from the water-table aquifer by multiple layers of coarse water-bearing sands and gravels with minor thicknesses of less permeable materials. USGS studies (Thomas et al. 1999) indicate that the water-table and upper confined aquifers

are hydraulically connected throughout East WRIA 18. Thus, the LUD #10 well is completed within the “same body of public groundwater” as the exempt wells being consolidated.

Impairment Considerations

The Windy Way well is located approximately 1/3 mile due north of the LUD #10 Well and the Highway 101 well is approximately 3/4 mile southwest of it. Most other domestic and commercial wells in this area are also completed in the water-table aquifer and may benefit from decreased competition in that aquifer.

Studies conducted by USGS and the Department of Ecology (Simonds and Sinclair, 2002) show that groundwater in this area moves vertically from the water-table aquifer to the upper confined aquifer. During the District’s June 15, 1990 48-hour aquifer test, the LUD #10 well pumping at 320 gpm had almost no measurable impact on a well monitored in the water-table aquifer only 25 feet away. Although the small increase in withdrawals from the upper confined aquifer may induce slightly more vertical leakage from water-table aquifer, the overall impact on the shallow aquifer will be no greater than the original combined effect of pumping the two exempt wells. The 1990 aquifer test also indicates that sufficient water is available from the LUD #10 well site for the proposed consolidation.

Ecology’s Well Log database shows that the Duane Schmuck well is the nearest well completed in the upper confined aquifer. It is approximately 1/4 mile west of the LUD #10 well. This well experienced only two inches of drawdown during the District’s 1990 aquifer test. The proposed slight increase in annual and instantaneous withdrawals from the LUD #10 well will not impair the right associated with this well or other wells completed in the upper confined aquifer.

The two exempt wells are located approximately 1,000 feet east of the nearest stream, Matriotti Creek, a tributary of the Dungeness River. The LUD #10 well is approximately 1,500 feet from Matriotti Creek. Both the LUD #10 well and the exempt wells are hydraulically connected with the surface waters of Matriotti Creek and the Dungeness River. The connection is more direct in the shallow aquifer. However, because this proposal is for consolidation of existing water rights, it will not result in a net increase in groundwater withdrawals or new impacts to surface waters. The proposed consolidation will not impair existing rights.

Watershed Planning and In-stream Flow Considerations

Chapter 173-518 Washington Administrative Code (WAC), *Water Resources Management Program for the Dungeness Portion of the Elwha-Dungeness Water Resource Inventory Area (WRIA) 18* became effective on January 2, 2013. The new rule establishes minimum flows to protect in-stream resources in the greater Dungeness basin.

Once established, a minimum flow constitutes an appropriation with a priority date as of the effective date of the rule establishing the minimum flow (RCW 90.03.345). Thus, a minimum flow set by rule is an existing right which may not be impaired (RCW 90.03.345; RCW 90.44.030). Changes to water rights may not be approved if they would result in additional impacts to stream flows.

The proposed consolidation will move the points of withdrawal of 65 gpm and 0.70 to a deeper though hydraulically connected water-bearing zone within the same general area. The transfer of exempt rights to a deeper water-bearing zone will not result in a net increase in impacts to the Dungeness River,

Matriotti Creek, or other area streams. Approval of this application will not impair in-stream rights established under Chapter 173-518 WAC.

Public Interest Considerations

RCW 90.44.105 requires Ecology to “accord a presumption in favor of approval of” consolidations if the requirements of the subsection are met and if the discontinuance of the exempt well is consistent with an adopted coordinated water system plan under Chapter 70.116 RCW, an adopted comprehensive land use plan under chapter 36.70A RCW, or other comprehensive watershed management plan applicable to the area containing an objective of decreasing the number of existing and newly developed small groundwater withdrawal wells.

The WRIA 18 (Elwha-Dungeness) Watershed Plan, adopted on June 7, 2005, identifies future water supply strategies, including:

- Emphasize public water supply.
- Limit exempt wells where public water service can be feasibly provided.
- Emphasize water conservation.

It also recommends direction of all new wells to the middle and deeper aquifers. The requested exempt well consolidation is consistent with these watershed planning goals. Large public water systems are also more efficient than individual wells and small water systems in delivering water and promoting conservation and re-use of limited supplies.

Degradation of groundwater quality from nitrate contamination is a documented concern in the Carlsborg UGA in both the upper and middle aquifers. Exempt well consolidations will reduce the number of potential entry points for septic discharge, nitrates and other contaminants into the aquifer system.

Consideration of Protests and Comments

No protests were filed against the approval of this application.

CONCLUSIONS

In accordance with RCW 90.44, I find that:

- Water is available from the LUD #10 well site for the proposed consolidation.
- Municipal supply is a beneficial use.
- Approval of the requested consolidation will not impair existing ground or surface water rights, including in-stream flows adopted under WAC 173-518.
- The consolidation will not be detrimental to the public interest.

Furthermore, in accordance with RCW 90.44.105:

- The exempt wells under the proposed consolidation are completed within the same body of public groundwater as the District’s LUD #10 well.
- The use of both exempt wells under this application has been discontinued and the exempt wells will be decommissioned in accordance with Chapter 18.104 RCW and WAC 173-160-381.

- As a condition of this approval, the District will be required to enter into legally enforceable agreements to prohibit the construction of new wells for use on parcels previously served by the exempt wells and the agreements will be legally binding for future owners of these properties.

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

- 406 gpm
- 396.3 acre-feet per year
- Municipal Supply
- Year-round, as needed

Point of Withdrawal

SE¼, SE¼, Section 15, Township 30 North, Range 4 W.W.M.

Place of Use

As described on Page 1 of this Report of Examination.

Report Writer

Date

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.

Selected References

Elwha-Dungeness Planning Unit. May 2005. Elwha-Dungeness Watershed Plan, Water Resource Inventory Area 18 (WRIA 18) and Sequim Bay in West WRIA 17. Published by Clallam County. Volume 1: Chapters 1-3 and 15 appendices; Volume 2: Appendix 3-E.

Simonds, F. W. and K. A. Sinclair. 2002. *Surface Water-Ground Water Interactions Along the Lower Dungeness River and Vertical Hydraulic Conductivity of Streambed Sediments, Clallam County, Washington, September 1999-July 2001*. USGS Water-Resources Investigations Report 02-4161; Washington State Department of Ecology Report 02-03-027. 62 pgs.

Thomas, Blakemore, Layna Goodman and Theresa Olson. 1999. *Hydrogeologic Assessment of the Sequim-Dungeness Area, Clallam County, Washington*. USGS Water-Resources Investigations Report 99-4048.

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