WATER RIGHTS SELF ASSESSMENT

EXISTING, 6-YEAR, 10-YEAR, AND 20-YEAR

Washington State Department of Health
Division of Environmental Health
Office of Drinking Water

Table 1

WATER SYSTEM PLAN
WATER RIGHTS SELF ASSESSMENT – EXISTING 2013 STATUS

PERMIT CERTIFICATE OR CLAIM #	NAME ON DOCUMENT	PRIORITY DATE (List oldest first)	SOURCE NAME/ NUMBER	ANY PORTION SUPPLEMENTAL? (If yes, explain in footnote)	EXISTING WATER RIGHTS		EXISTING CONSUMPTION		CURRENT WATER RIGHT STATUS (Excess/Deficiency)	
					Maximum Instantaneous Flow Rate (Qi)	Maximum Annual Volume (Qa)	Maximum Instantaneous Flow Rate (Qi)	Maximum Annual Volume (Qa)	Maximum Instantaneous Flow Rate (Qi)	Maximum Annual Volume (Qa)
Permits/ Certificates 1. SWC 1164 [S1-02432CWRIS]	Stanwood Water Company	9/28/1928	Hatt Slough Springs/ S01	No	2.5 cfs (1,122 gpm)	1,810 acre-ft	0 gpm	0 acre-ft	Excess – 1,122 gpm	Excess – 1,810 gpm
2. GWC 615 [G1-00741CWRIS]	Stanwood Water Company	2/20/1948	Bryant Well Nos. 1 & 2 /S02 & S03	No	2,000 gpm	2,400 acre-ft	1,350 gpm	779 acre-ft	Excess – 650 gpm	Excess – 1,621 acre-ft
3. GWC 616 [G1-01067CWRIS]	Stanwood Water Company	2/11/1949	Fure Well/ S04	No	150 gpm	121 acre-ft	0 gpm	0 acre-ft	Excess – 150 gpm	Excess – 121 acre-ft
4. GWP 4111 [G1-*04239]	Stanwood Water Company	3/6/1956	Cedarhome Well/ S07	No	600 gpm	960 acre-ft	600 gpm	149 acre-ft	Excess – 0 gpm	Excess – 811 acre-ft
TOTAL	**********	*********	*********	**********	3,872 gpm	5,291 acre-ft	1,950 gpm	928 acre-ft	Excess – 1,922 gpm	Excess – 4,363 acre-ft

INTERTIE NAME/ IDENTIFIER	NAME OF PURVEYOR PROVIDING WATER	EXISTING LIMITS ON INTERTIE USE		EXISTING CONSUMPTION THROUGH INTERTIE		CURRENT INTERTIE SUPPLY STATUS (Excess/Deficiency)	
		Maximum Instantaneous Flow Rate (Qi)	Maximum Annual Volume (Qa)	Maximum Instantaneous Flow Rate (Qi)	Maximum Annual Volume (Qa)	Maximum Instantaneous Flow Rate (Qi)	Maximum Annual Volume (Qa)
1. None							
TOTAL	**********						

PENDING WATER RIGHT APPLICATION (New/Change)	NAME ON APPLICATION	DATE SUBMITTED	ANY PORTION SUPPLEMENTAL? (If yes, explain in footnote)	PENDING WATER RIGHTS	
				Maximum Instantaneous Flow Rate (Qi) Requested	Maximum Annual Volume (Qa) Requested
1. G1-26964A (New)	City of Stanwood	2/24/1993	No	1,000 gpm	NA

The Department of Health is an equal opportunity agency. For persons with disabilities, this document is available on request in other formats. To submit a request, please call 1-800-525-0127 (TTY 1-800-833-6388). For additional copies of this form, call 1-800-521-0323. This and other forms are available at http://www.doh.wa.gov/ehp/dw

To return form, please see reverse side.

Washington State Department of Health
Division of Environmental Health
Office of Drinking Water

Table 2

WATER SYSTEM PLAN
WATER RIGHTS SELF ASSESSMENT – 6 YEAR (2021) FORECAST

PERMIT CERTIFICATE OR CLAIM #	NAME ON DOCUMENT	PRIORITY DATE (List oldest first)	SOURCE NAME/ NUMBER	ANY PORTION SUPPLEMENTAL? (If yes, explain in footnote)	EXISTING WATER RIGHTS		FORECASTED WATER USE FROM SOURCES (6-year Demand)		FORECASTED WATER RIGHT STATUS (Excess/Deficiency)	
					Maximum Instantaneous Flow Rate (Qi)	Maximum Annual Volume (Qa)	Maximum Instantaneous Flow Rate (Qi)	Maximum Annual Volume (Qa)	Maximum Instantaneous Flow Rate (Qi)	Maximum Annual Volume (Qa)
Permits/ Certificates 1. SWC 1164 [S1-02432CWRIS]	Stanwood Water Company	9/28/1928	Hatt Slough Springs/ S01	No	2.5 cfs (1,122 gpm)	1,810 acre-ft	260 gpm	300 acre-ft	Excess – 862 gpm	Excess – 1,510 acre-ft
2. GWC 615 [G1-00741CWRIS]	Stanwood Water Company	2/20/1948	Bryant Well Nos. 1 & 2 & 3/S02, S03, NA	No	2,000 gpm	2,400 acre-ft	2,000 gpm	556 acre-ft	0 gpm	Excess – 1,844 acre-ft
3. GWC 616 [G1-01067CWRIS]	Stanwood Water Company	2/11/1949	Bryant Well Nos. 1 & 2 & 3, Cedarhome Well/S02, S03, NA, S07	No	150 gpm	121 acre-ft	150 gpm	32 acre-ft	0 gpm	Excess – 89 acre-ft
4. GWP 4111 [G1-*04239]	Stanwood Water Company	3/6/1956	Cedarhome Well/ S07	No	600 gpm	960 acre-ft	600 gpm	218 acre-ft	0 gpm	Excess – 742 acre-ft
TOTAL	**********	*********	*********	**********	3,872 gpm	5,291 acre-ft	3,010 gpm	1,106 acre-ft	Excess – 862 gpm	Excess – 4,185 acre-ft

INTERTIE NAME/ IDENTIFIER	NAME OF PURVEYOR PROVIDING WATER	EXISTING LIMITS ON INTERTIE USE		FORECASTED CONSUMPTION THROUGH INTERTIE		FORECASTED INTERTIE SUPPLY STATUS (Excess/Deficiency)	
		Maximum Instantaneous Flow Rate (Qi)	Maximum Annual Volume (Qa)	Maximum Instantaneous Flow Rate (Qi)	Maximum Annual Volume (Qa)	Maximum Instantaneous Flow Rate (Qi)	Maximum Annual Volume (Qa)
1.							
TOTAL	**********						

PENDING WATER RIGHT APPLICATION (New/Change)	NAME ON APPLICATION	DATE SUBMITTED	ANY PORTION SUPPLEMENTAL? (If yes, explain in footnote)	PENDING WATER RIGHTS	
				Maximum Instantaneous Flow Rate (Qi) Requested	Maximum Annual Volume (Qa) Requested
1. G1-26964A (New)	City of Stanwood	2/24/1993	No	1,000 gpm	NA

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To return form, please see reverse side.

Washington State Department of Health
Division of Environmental Health
Office of Drinking Water

Table 3

WATER SYSTEM PLAN
WATER RIGHTS SELF ASSESSMENT – 10 YEAR (2025) FORECAST

PERMIT CERTIFICATE OR CLAIM #	NAME ON DOCUMENT	PRIORITY DATE (List oldest first)	SOURCE NAME/ NUMBER	ANY PORTION SUPPLEMENTAL? (If yes, explain in footnote)	EXISTING WATER RIGHTS		FORECASTED WATER USE FROM SOURCES (10-year Demand)		FORECASTED WATER RIGHT STATUS (Excess/Deficiency)	
					Maximum Instantaneous Flow Rate (Qi)	Maximum Annual Volume (Qa)	Maximum Instantaneous Flow Rate (Qi)	Maximum Annual Volume (Qa)	Maximum Instantaneous Flow Rate (Qi)	Maximum Annual Volume (Qa)
Permits/ Certificates 1. SWC 1164 [S1-02432CWRIS]	Stanwood Water Company	9/28/1928	Hatt Slough Springs/ S01	No	2.5 cfs (1,122 gpm)	1,810 acre-ft	260 gpm	300 acre-ft	Excess – 862 gpm	Excess – 1,510 acre-ft
2. GWC 615 [G1-00741CWRIS]	Stanwood Water Company	2/20/1948	Bryant Well Nos. 1, 2 & 3/S02, S03, NA	No	2,000 gpm	2,400 acre-ft	2,000 gpm	620 acre-ft	0 gpm	Excess – 1,780 acre-ft
3. GWC 616 [G1-01067CWRIS]	Stanwood Water Company	2/11/1949	Bryant Well Nos. 1 & 2 & 3, Cedarhome Well/S02, S03, NA, S07	No	150 gpm	121 acre-ft	150 gpm	36 acre-ft	0 gpm	Excess – 85 acre-ft
4. GWP 4111 [G1-*04239]	Stanwood Water Company	3/6/1956	Cedarhome Well/ S07	No	600 gpm	960 acre-ft	600 gpm	243 acre-ft	0 gpm	Excess – 717 acre-ft
TOTAL	**********	*********	*********	**********	3,872 gpm	5,291 acre-ft	3,010 gpm	1,199 acre-ft	Excess – 862 gpm	Excess – 4,092 acre-ft

INTERTIE NAME/ IDENTIFIER	NAME OF PURVEYOR PROVIDING WATER	EXISTING LIMITS ON INTERTIE USE		FORECASTED CONSUMPTION THROUGH INTERTIE		FORECASTED INTERTIE SUPPLY STATUS (Excess/Deficiency)	
		Maximum Instantaneous Flow Rate (Qi)	Maximum Annual Volume (Qa)	Maximum Instantaneous Flow Rate (Qi)	Maximum Annual Volume (Qa)	Maximum Instantaneous Flow Rate (Qi)	Maximum Annual Volume (Qa)
1. None							
TOTAL	**********						

PENDING WATER RIGHT APPLICATION (New/Change)	NAME ON APPLICATION	DATE SUBMITTED	ANY PORTION SUPPLEMENTAL? (If yes, explain in footnote)	PENDING WATER RIGHTS	
				Maximum Instantaneous Flow Rate (Qi) Requested	Maximum Annual Volume (Qa) Requested
1. G1-26964A (New)	City of Stanwood	2/24/1993	No	1,000 gpm	NA

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Washington State Department of Health
Division of Environmental Health
Office of Drinking Water

Table 4

WATER SYSTEM PLAN
WATER RIGHTS SELF ASSESSMENT – 20 YEAR (2035) FORECAST

PERMIT CERTIFICATE OR CLAIM #	NAME ON DOCUMENT	PRIORITY DATE (List oldest first)	SOURCE NAME/ NUMBER	ANY PORTION SUPPLEMENTAL? (If yes, explain in footnote)	EXISTING WATER RIGHTS		FORECASTED WATER USE FROM SOURCES (20-year Demand)		FORECASTED WATER RIGHT STATUS (Excess/Deficiency)	
					Maximum Instantaneous Flow Rate (Qi)	Maximum Annual Volume (Qa)	Maximum Instantaneous Flow Rate (Qi)	Maximum Annual Volume (Qa)	Maximum Instantaneous Flow Rate (Qi)	Maximum Annual Volume (Qa)
Permits/ Certificates 1. SWC 1164 [S1-02432CWRIS]	Stanwood Water Company	9/28/1928	Hatt Slough Springs/ S01	No	2.5 cfs (1,122 gpm)	1,810 acre-ft	260 gpm	300 acre-ft	Excess – 862 gpm	Excess – 1,510 acre-ft
2. GWC 615 [G1-00741CWRIS]	Stanwood Water Company	2/20/1948	Bryant Well Nos. 1, 2 & 3/S02, S03, NA	No	2,000 gpm	2,400 acre-ft	2,000 gpm	782 acre-ft	0 gpm	Excess – 1,618 acre-ft
3. GWC 616 [G1-01067CWRIS]	Stanwood Water Company	2/11/1949	Bryant Well Nos. 1 & 2 & 3, Cedarhome Well/S02, S03, NA, S07	No	150 gpm	121 acre-ft	150 gpm	45 acre-ft	0 gpm	Excess – 76 acre-ft
4. GWP 4111 [G1-*04239]	Stanwood Water Company	3/6/1956	Cedarhome Well/ S07	No	600 gpm	960 acre-ft	600 gpm	306 acre-ft	0 gpm	Excess – 654 acre-ft
TOTAL	**********	*********	*********	**********	3,872 gpm	5,291 acre-ft	3,010 gpm	1,433 acre-ft	Excess – 862 gpm	Excess – 3,858 acre-ft

INTERTIE NAME/ IDENTIFIER	NAME OF PURVEYOR PROVIDING WATER	EXISTING LIMITS ON INTERTIE USE		FORECASTED CONSUMPTION THROUGH INTERTIE		FORECASTED INTERTIE SUPPLY STATUS (Excess/Deficiency)	
		Maximum Instantaneous Flow Rate (Qi)	Maximum Annual Volume (Qa)	Maximum Instantaneous Flow Rate (Qi)	Maximum Annual Volume (Qa)	Maximum Instantaneous Flow Rate (Qi)	Maximum Annual Volume (Qa)
1. None							
TOTAL	**********						

PENDING WATER RIGHT APPLICATION (New/Change)	NAME ON APPLICATION	DATE SUBMITTED	ANY PORTION SUPPLEMENTAL? (If yes, explain in footnote)	PENDING WATER RIGHTS	
				Maximum Instantaneous Flow Rate (Qi) Requested	Maximum Annual Volume (Qa) Requested
1. G1-26964A (New)	City of Stanwood	2/24/1993	No	1,000 gpm	NA

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SURFACE WATER CERTIFICATE 1164

HATT SLOUGH SPRINGS

S. F. No. 30—1939—113. 1500.

CERTIFICATE RECORD NO. —3— , PAGE NO. —1164—

STATE OF WASHINGTON, COUNTY OF Snohomish

CERTIFICATE OF WATER RIGHT

(For rights perfected under original enlargement or secondary permits.)
(In accordance with the provisions of Chapter 117, Laws of Washington for 1917, and the regulations of the State Supervisor of Hydraulics thereunder.)

This is to certify, that Stanwood Water Company *of* Stanwood, *State of* Washington, *has made proof to the satisfaction of the State Supervisor of Hydraulics of Washington, of a right to the use of the waters of* Unnamed springs, *a tributary of* Hat Slough, *for the purposes of* Municipal water supply for the towns of Stanwood and East Stanwood, and vicinity, *under* Appropriation *Permit No.* 1234 *issued by the State Supervisor of Hydraulics, and that said right to the use of said waters has been perfected in accordance with the laws of Washington, and is hereby confirmed by the State Supervisor of Hydraulics of Washington and entered of record in Volume* 3 *, at Page* 1164 *, on the* 17th *day of* February, *19* 39*; that the right hereby confirmed dates from* September 28, 1928*; that the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed* 2.5 cubic feet per second.

A description of the lands under such right to which the water hereby confirmed is appurtenant, and the place where such water is put to beneficial use, is as follows:

PLACE OF USE					
Section	Township	Range	LEGAL SUBDIVISION	FOR IRRIGATION	
				No. Acres Described in Permit	No. Acres Actually Irrigated

LOCATION OF POWER PLANT					
Section	Township	Range	LEGAL SUBDIVISION	FOR POWER	
				H.P. Described in Permit	H.P. Actually Developed

Section	Township	Range	LEGAL SUBDIVISION	FOR OTHER USES
	32 N.	4 E.W.M.	Town of Stanwood and East Stanwood, and vicinity.	Municipal supply
	32 N.	3 E.W.M.		

The right to the use of the water aforesaid hereby confirmed is restricted to the lands or place of use herein described, except as provided in Section 39, Chapter 117, Session Laws 1917.

WITNESS the seal and signature of the State Supervisor of Hydraulics affixed this 17th *day of* February, *1939*

ENTERED DATA
OK

Elmer J. Bankhead
State Supervisor of Hydraulics.

APPLICATION NO. 2432

STANWOOD WATER CO.

Examination made December 21, 1928

This application is for 5.0 c.f.s. from unnamed springs, for the purpose of municipal water supply.

There are five springs averaging about 0.5 c.f.s. which are on Mr. Ervin Wyman's land. These springs rise at the foot of a steep hillside and flow across a flat swampy piece of land (possibly 50 ft. wide) into Hat~~s~~ Slough, this is approximately one-half mile from Mr. Wyman's house. There are about two acres between the slough and the hillside that Mr. Wyman could irrigate. No one uses water from these springs. The Stanwood Water Company offered to buy these springs, but Mr. Wyman, though he does not use the springs holds their value too high.

Due to the fact that the springs flow into public waters, that there is no use made of them, and that only a very small percent could be used on the nearby lands, I believe it advisable to issue a permit to the Stanwood Water Company who will put the waters of these springs to a beneficial use.

Clarence E. Douglass

OK for 2.5 cfs.
R.K.T.
1/12/29

GROUNDWATER CERTIFICATE 615

BRYANT WELLS

RECEIVED
JUN 05 2014
DEPT OF ECOLOGY
NWRO - WR

DEPARTMENT OF
ECOLOGY
State of Washington

WATER RESOURCES PROGRAM
Showing of Compliance with RCW 90.44.100(3)

Water Right Certificate or Permit Number: GWC 615 (WRTS - G1-*00741CWRIS)

Parcel tax identification number: 32042900103200

Landowner(s) name: City of Stanwood

Part of complying with RCW 90.44.100(3) is for the project proponent to notify the Department of Ecology (Ecology) that the statutory criteria of RCW 90.44.100(3) have been satisfied. Please attach to this document the water well report for the additional or replacement well and any additional information you have to support your affidavit.

Affidavit:

I, Kevin J. Hushagen, do certify that I caused the well described in the attached water well report to be drilled as an additional or replacement well(s) for use under Water Right Number GWC 615. This notice and attached documents describe and support my assertion that the replacement or additional well(s) complies with RCW 90.44.100(3) (a-g) and RCW 90.44.100(4):

Please check one:

☒ This is an additional well (Attach well log)

☐ This is a replacement well (Attach well log for new well & Decommissioning log for old well)

a. The well is an additional or replacement well(s) that will tap the same body of public ground water as the original well;

b. If a replacement well is constructed, the use of the original well(s) shall be discontinued and the original well(s) shall be properly decommissioned;

c. The combined withdrawal of water from the additional or replacement well(s) and the original well authorized by the water right certificate does not enlarge the water right conveyed by the original water right certificate to the extent the certificate has been developed (perfected) and maintained by use of water;

d. The construction and use-of the additional or replacement well(s) does not interfere with or impair water rights with an earlier priority date;

e. The additional or replacement well(s) is located no closer than the original well to a well or surface water body it might interfere with;

f. A specified manner of construction for the additional or replacement well(s) has been complied with, if required, and the new well was constructed in compliance with chapter 18.104 RCW and chapter 173-160 WAC;

g. The additional or replacement well(s) is located within the area described as the point of withdrawal in the public notice published for the original application for water right, or the most current legal description published for the right. Both the original well and the additional or replacement well(s) are located in NW 1/4 NE 1/4, Section 29, Township 32 North, Range 4 E W.M. (legal description).

Therefore the well is in compliance with the requirements for a statutorily granted amendment to the water right permit or certificate.

I understand the acceptance of this affidavit, and any attachments, by the Department of Ecology shall not be construed as affirming the validity of any water right permit or certificate. The responsibility to comply with RCW 90.44.100(3) is with the water right permit or certificate holder asserting an amendment pursuant to RCW 90.44.100(3).

Name _____ Date 6/3/14

Acknowledgement:

State of Washington
County of Snohomish

I certify that I know or have satisfactory evidence that Kevin J. Hushagen is the person who appeared before me, and said person acknowledged that (he/she) signed this affidavit and acknowledged it to be (his/her)free and voluntary act for the uses and purposes mentioned in the affidavit.

Dated: 6/3/2014

CORINNE J SCHAKEL
Notary Public
State of Washington
My Commission Expires
February 10, 2016
(Seal or Stamp)

(Signature)

Stanwood, WA 98292
Residing in

Notary
Title

My appointment expires: 2/10/16

If you have any questions please contact the Water Resources Section of the closest regional office. Please submit copies of new well logs and decommissioned well logs along with this completed and notarized form to the nearest regional office.

Northwest Regional Office
3190 - 160th Avenue SE
Bellevue, WA 98008-5452
(425) 649-7000

Southwest Regional Office
P.O. Box 47775
Olympia, WA 98504-7775
(360) 407-6300

Eastern Regional Office
4601 N. Monroe Street
Spokane, WA 99205-1295
(509) 329-3400

Central Regional Office
15 W. Yakima Ave., Suite 200
Yakima, WA 98902-3452
(509) 575-2597

Vancouver Field Office
2108 Grand Boulevard
Vancouver, WA 98661-4622
(360) 690-7171

Bellingham Field Office
1204 Railroad Ave., Suite 200
Bellingham, WA 98225
(360) 738-6250

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

498089

WATER WELL REPORT

Original & 1st copy – Ecology, 2nd copy – owner, 3rd copy – driller

DEPARTMENT OF ECOLOGY State of Washington

Construction/Decommission *("x" in circle)*

☒ Construction

☐ Decommission *ORIGINAL INSTALLATION Notice of Intent Number* _____

PROPOSED USE: ☐ Domestic ☐ Industrial ☒ Municipal ☐ DeWater ☐ Irrigation ☐ Test Well ☐ Other _____

TYPE OF WORK: Owner's number of well (if more than one) 2R

☒ New well ☐ Reconditioned *Method:* ☐ Dug ☐ Bored ☐ Driven ☐ Deepened ☒ Cable ☐ Rotary ☐ Jetted

DIMENSIONS: Diameter of well 16 inches, drilled 275 ft. Depth of completed well 234 ft.

CONSTRUCTION DETAILS

Casing Installed: ☒ Welded 16" Diam. from +2 ft. to 197.5 ft.
☐ Liner installed 14" Diam. from 191.5 ft. to 197.5 ft.
☐ Threaded 14" Diam. From 228.5 ft. to 233.5 ft.

Perforations: ☐ Yes ☒ No

Type of perforator used _____

SIZE of perfs ____ in. by ____ in. and no. of perfs ____ from ____ ft. to ____ ft.

Screens: ☒ Yes ☐ No ☒ K-Pac Location 191.5

Manufacturer's Name Johnson

Type Stainless Model No. _____

Diam. 14" Slot size .040" from 197.5 ft. to 207.5 ft.

Diam. 14" Slot size .035" from 208 ft. to 218 ft.

Gravel/Filter packed: ☐ Yes ☒ No Size of gravel/sand _____

Materials placed from ____ ft. to ____ ft.

Surface Seal: ☒ Yes ☐ No To what depth? 42 ft.

Material used in seal neat cement 5% bentonite

Did any strata contain unusable water? ☐ Yes ☒ No

Type of water? _____ Depth of strata _____

Method of sealing strata off _____

PUMP: Manufacturer's Name _____

Type: _____ H.P. _____

WATER LEVELS: Land-surface elevation above mean sea level 95 ft.

Static level 115.7 ft. below top of well Date 10/15/13

Artesian pressure ____ lbs. per square inch Date _____

Artesian water is controlled by _____ (cap, valve, etc.)

WELL TESTS: Drawdown is amount water level is lowered below static level

Was a pump test made? ☒ Yes ☐ No If yes, by whom? driller

Yield: 1000 gal./min. with 7.5 ft. drawdown after 24 hrs.

Yield: ____ gal./min. with ____ ft. drawdown after ____ hrs.

Yield: ____ gal./min. with ____ ft. drawdown after ____ hrs.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level
no data					

Date of test 10/15/13

Bailer test ____ gal./min. with ____ ft. drawdown after ____ hrs.

Airtest ____ gal./min. with stem set at ____ ft. for ____ hrs.

Artesian flow ____ g.p.m. Date _____

Temperature of water ____ Was a chemical analysis made? ☒ Yes ☐ No

CURRENT

Notice of Intent No. WE 16866

Unique Ecology Well ID Tag No. APF990

Water Right Permit No. _____

Property Owner Name City of Stanwood

Well Street Address 6714 268th Street NW

City Stanwood County Snohomish

Location NW 1/4-1/4 NE 1/4 Sec 29 Twn 32N R 4E (s, t, r Still REQUIRED) EWM ☒ Or WWM ☐

Lat/Long Lat Deg ____ Lat Min/Sec ____ Long Deg ____ Long Min/Sec ____

Tax Parcel No. (Required) 32042900103200

CONSTRUCTION OR DECOMMISSION PROCEDURE

Formation: Describe by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information. (USE ADDITIONAL SHEETS IF NECESSARY.)

MATERIAL	FROM	TO
brown fine silty sandy clay	0	17
gray silty clay	17	46
gray silty sand gravel clay	46	139
gray silty sandy gravel	139	
cobbles some clay, saturated		148
boulder	145	148
gray sand & gravel , water	148	231
gray silty sand gravel cobble	231	260
gray sand & gravel, water	260	271.5
gray silty sand gravel cobble	271.5	
additional screen		
14" dia. slot size .030"	218.5	228.5

RECEIVED NOV 12 2013 DEPT OF ECOLOGY NWRO WR

Start Date 8/21/13 Completed Date 10/24/13

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

☒ Driller ☐ Engineer ☐ Trainee Name (Print) Randy Holt

Driller/Engineer/Trainee Signature Randy Holt

Driller or trainee License No. 1099

IF TRAINEE: Driller's License No: _____

Driller's Signature: Randy Holt

Drilling Company Holt Services Inc.

Address 10621 Todd Rd E

City, State, Zip Edgewood WA 98372

Contractor's Registration No. HOLTSSI 898 JG Date 10/31/2013

ECY 050-1-20 (Rev 02/10) *If you need this document in an alternate format, please call the Water Resources Program at 360-407-6872. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.*

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

SUPERSEDING CERTIFICATE OF WATER RIGHT

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

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

PRIORITY DATE	APPLICATION NUMBER	PERMIT NUMBER	CERTIFICATE NUMBER
February 20, 1948	741	670	615

NAME
City of Stanwood

ADDRESS (STREET)	(CITY)	(STATE)	(ZIP CODE)
10220 270th Street NW	Stanwood	Washington	98292

This is to certify that the herein named applicant has made proof to the satisfaction of the Department of Ecology of a right to the use of the public waters of the State of Washington as herein defined, and under and specifically subject to the provisions contained in the Permit issued by the Department of Ecology, and that said right to the use of said waters has been perfected in accordance with the laws of the State of Washington, and is hereby confirmed by the Department of Ecology and entered of record as shown, but is limited to an amount actually beneficially used.

PUBLIC WATERS TO BE APPROPRIATED

SOURCE
2 wells

TRIBUTARY OF (IF SURFACE WATERS)

MAXIMUM CUBIC FEET PER SECOND	MAXIMUM GALLONS PER MINUTE	MAXIMUM ACRE-FEET PER YEAR
	2000	2400

QUANTITY, TYPE OF USE, PERIOD OF USE

Municipal supply and industrial use - continuously

LOCATION OF DIVERSION/WITHDRAWAL

APPROXIMATE LOCATION OF DIVERSION-WITHDRAWAL
Bryant Site wells - two wells within 20 feet of each other - located150 feet south and 2600 feet west from the NE corner of Section 29.

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION)	SECTION	TOWNSHIP N.	RANGE, (E. OR W.) W.M.	W.R.I.A.	COUNTY
NW¼ NE¼	29	32N	4E	5	Snohomish

RECORDED PLATTED PROPERTY

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)

LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

City of Stanwood Water Service Area:

All of Sections 17, 18, 19, 20, 29, 30, 31 and 32, and portions of Sections 16, 21, 28 and 33, of Township 32N, Range 4E, W.M.

PROVISIONS

This superseding certificate is subject to the implementation of the minimum requirements established in the Conservation Planning Requirements: Guidelines for Public Water Systems Regarding Water Use Reporting, Demand Forecasting Methodology and Conservation Programs, March 1994.

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

In order to monitor the resource, static water level (SWL) shall be measured at least once each month. Measurements shall be taken after the pump has been shut off and the water level in the well has been stabilized. The data shall be maintained and made available to Ecology upon request. However, Ecology's Water Resources Section (NWRO) shall be notified if the SWL is determined to be below the level normally recorded at that time of year.

An approved measuring device shall be installed and maintained in accordance with RCW 90.03.360, WAC 508-64-020 through 508-64-040 (Installation, operation and maintenance requirements). Meter readings shall be recorded monthly and this data shall be maintained and be made available to the Department of Ecology upon request.

The right to the use of the water aforesaid hereby confirmed is restricted to the lands or place of use herein described, except as provided in RCW 90.03.380, 90.03.390, and 90.44.020.

This certificate of water right is specifically subject to relinquishment for nonuse of water as provided in RCW 90.14.180.

Given under my hand and the seal of this office at Bellevue, Washington,

this 15th day of May, 1996.

Department of Ecology

ENGINEERING DATA OK

by

Raymond K. Hellwig, Regional Supervisor, Shorelands and Water Resources

FOR COUNTY USE ONLY

$5.00
FEE PAID
4/12/96

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

REPORT OF EXAMINATION

FOR APPLICATION FOR CHANGE OF WATER RIGHT

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

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

PRIORITY DATE	APPLICATION NUMBER	PERMIT NUMBER	CERTIFICATE NUMBER
February 20, 1948	741	670	615

NAME
City of Stanwood

ADDRESS (STREET)	(CITY)	(STATE)	(ZIP CODE)
10220 270th Street NW	Stanwood	Washington	98292

PUBLIC WATERS TO BE APPROPRIATED

SOURCE
2 wells

TRIBUTARY OF (IF SURFACE WATER)

MAXIMUM CUBIC FEET PER SECOND	MAXIMUM GALLONS PER MINUTE	MAXIMUM ACRE-FEET PER YEAR
	2000	2400

QUANTITY, TYPE OF USE, PERIOD OF USE

Municipal supply and industrial use - continuously

LOCATION OF DIVERSION/WITHDRAWAL

APPROXIMATE LOCATION OF DIVERSION-WITHDRAWAL
Bryant Site wells - two wells within 20 feet of each other - located150 feet south and 2600 feet west from the NE corner of Section 29.

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION)	SECTION	TOWNSHIP N.	RANGE, (E. OR W.) W.M.	W.R.I.A.	COUNTY
NW¼ NE¼	29	32N	4E	5	Snohomish

RECORDED PLATTED PROPERTY

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)

LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

City of Stanwood Water Service Area:

All of Sections 17, 18, 19, 20, 29, 30, 31 and 32, and portions of Sections 16, 21, 28 and 33, of Township 32N, Range 4E, W.M.

OK for Cert issue 5/17/96
4/16/96 HB

DESCRIPTION OF PROPOSED WORKS

2 wells - 24" x 250'
12" x 200'

DEVELOPMENT SCHEDULE

BEGIN PROJECT BY THIS DATE:	COMPLETE PROJECT BY THIS DATE:	WATER PUT TO FULL USE BY THIS DATE:
Started	Complete	In use

REPORT

BACKGROUND:

Ground water application for change:	GWC 615
Name:	City of Stanwood, Washington
Priority date:	February 20, 1948
Application for change received:	September 21, 1992
Use:	Municipal supply and Industrial use
Purpose of Change:	To add an additional point of withdrawal
Legal notice published in:	Stanwood/Camano News
Date:	November 25 & December 2, 1992
Protests:	None

Evaluation criteria for water right applications are: (chapter 90.03 RCW)

- Availability of water
- Proposed use must be beneficial
- Existing water rights are not impaired
- Proposed use must be in the public interest

Applications for change to an existing water right are evaluated according to RCW 90.03.380 which states "the point of diversion of water for beneficial use... may be changed, if such change can be made without detriment or injury to existing rights."

INVESTIGATION:

Investigation consisted of:

Office research
Conversation with Bill Beckman, City of Stanwood

This application was submitted to add a point of withdrawal under Ground Water Certificate (GWC) 615. GWC 615 was issued in 1951 for 2000 gallons per minute and 2400 acre-feet per year for municipal and industrial supply from a well (Bryant well #1). In 1966 a second well (Bryant well #2) was added to the system, this well is located within 20 feet of the original well. The intent of this change application is to add Bryant well #2 to GWC 615. This change is being processed for record keeping purposes. Both wells have been in use for the past thirty years. No additional quantity is requested by the City of Stanwood. Both the instantaneous and annual quantities have been perfected by use over the past 30 years.

WELL #1

Well Characteristics

Date completed:	January 1948
Dimensions:	24" x 250'
Static Water Level (SWL):	84'
Slotted casing from:	50' to 245'
Pump:	75 HP submersible

Report Continued

WELL #2

Well Characteristics

Date completed:	1966
Dimensions:	12" x 200'
Static Water Level (SWL):	84'
Screened from:	170' to 200'
Intake:	120'

Pump: 75 HP [redacted] DEEP WELL TURBINE

CONCLUSIONS:

The conclusions made regarding the areas of investigation are:

- Water is available - two well system has been in use for past 30 years
- Municipal and industrial supply is defined as a beneficial use
- Existing water rights will not be impaired - there is no new use
- It is in the public interest

In accordance with chapter 90.03 RCW, specifically RCW 90.03.380, and chapter 90.44 RCW, it is concluded that existing water rights will not be impaired. Water is available for the beneficial use proposed, and the appropriation will not be detrimental to the public welfare.

RECOMMENDATIONS:

I recommend that this application for change be approved and a superseding certificate issued for 2000 gpm and 2400 acre-feet per year, from two wells, for municipal supply and industrial use - continuously, subject to the following conditions and provisions:

This certificate of change is subject to the implementation of the minimum requirements established in the Conservation Planning Requirements: Guidelines for Public Water Systems Regarding Water Use Reporting, Demand Forecasting Methodology and Conservation Programs, March 1994, which are attached.

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

In order to protect the resource, static water level (SWL) shall be measured at least once each month. Measurements shall be taken after the pump has been shut off a reasonable time to allow water level to return to normal. Ecology's Water Resources section (NWRO) shall be notified if a below normal seasonal drop is measured in SWL, otherwise this data shall be maintained and be made available to Ecology upon request. See attached form.

An approved measuring device shall be installed and maintained in accordance with RCW 90.03.360, WAC 508-64-020 through WAC 508-64-040 (Installation, operation and maintenance requirements attached). Meter readings shall be recorded monthly and this data shall be maintained and be made available to the Department of Ecology upon request.

REPORT BY: Buck Smith DATE: 4/3/96

RECEIVED
SEP 21 1992
DEPT. OF ECOLOGY

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

[redacted]

APPLICATION FOR CHANGE OF WATER RIGHT

☐ PURPOSE ☐ DIVERSION OR WITHDRAWAL
☐ PLACE ☒ ADDITIONAL POINT OR POINTS

NAME	Bus. Tel. (206) 629-2181
City of Stanwood	Home Tel.
	Other Tel.

ADDRESS	(CITY)	(STATE)	(ZIP CODE)
10220 270th Street NW	Stanwood	WA	98292

APPLICATION NUMBER	PERMIT NUMBER	CERTIFICATE NUMBER
	GW 670	615

DECREED RIGHT (TITLE OF CASE)
Ground Water Permit 670

APPROPRIATIONS MADE (GIVE DATE IF PRIOR TO JUNE 7, 1917 IF SURFACE WATER, OR JUNE 7, 1945 IF GROUND WATER)
2000 gpm; 2400 acre feet per year domestic supply and industrial use (1-14-58)Book 6, Pg 2986-A

IS THE WATER RIGHT RECORDED IN YOUR NAME? ☐ YES ☒ NO
IF NO, GIVE NAME RECORDED UNDER: Stanwood Water Company

1. RIGHT CONSISTS OF

WATERS USED FROM (STREAM, LAKE, WELL, OR TRENCH, ETC.)	GALLONS PER MINUTE OR CUBIC FEET PER SECOND
Well	2000

WATER CURRENTLY USED FOR	TIME OF USE
Domestic and Industrial	

2. LOCATION OF PRESENT POINT OF DIVERSION OR WITHDRAWAL

ENTER BELOW THE DISTANCES FROM THE NEAREST SECTION OR PROPERTY CORNER TO THE DIVERSION OR WITHDRAWAL.
150 feet South and 2600 feet West from the Northeast corner

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION)	SECTION	TOWNSHIP N.	RANGE (E. OR W.) W.M.	COUNTY
	29	32	4 East	Snohomish

IF THIS IS WITHIN THE LIMITS OF A RECORDED PLATTED PROPERTY, COMPLETE THIS SECTION

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)

3. LEGAL DESCRIPTION OF LANDS WATER IS USED ON

City of Stanwood Water Service Area:

All of Sections 17, 18, 19, 20, 29, 30, 31 and 32, and portions of Sections 16, 21, 28 and 33, of Township 32 North, Range 4 East, W.M.

SECTION	TOWNSHIP N.	RANGE, (E. OR W.) W.M.	COUNTY
			Snohomish

(ATTACH SEPARATE SHEET IF NECESSARY)

ARE YOU THE LEGAL OWNER OF THE ABOVE DESCRIBED LANDS? ☐ YES ☒ NO
IF NO, EXPLAIN YOUR INTEREST

The described lands represent the Stanwood Service Area.

REASONS FOR THE PROPOSED CHANGE

The Bryant Well has consisted of two wells since 1966. This is for bookkeeping purposes. The wells are located within 20 feet of each other.

A MINIMUM FEE OF $10.00 MUST ACCOMPANY THIS APPLICATION

CONTINUE ON REVERSE SIDE

CHANGE

4. **CHANGE REQUESTED**

CHANGE WATER USE TO	TIME OF USE	GALLONS PER MINUTE OR CUBIC FEET PER SECOND
No Change		No Change

5. **LOCATION OF PROPOSED POINT OF DIVERSION OR WITHDRAWAL**

ON ACCOMPANYING SECTION MAPS, ACCURATELY MARK AND IDENTIFY EACH POINT OF DIVERSION. SHOW NORTH-SOUTH AND EAST-WEST DISTANCES FROM NEAREST SECTION CORNER OR PROPERTY CORNER.

ALSO, ENTER BELOW THE DISTANCES FROM THE NEAREST SECTION OR PROPERTY CORNER TO THE DIVERSION OR WITHDRAWAL.

150 feet South and 260 feet West from the Northeast corner of Sec. 29, Twp 32 N, Rng 5 E, W.M.

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION)	SECTION	TOWNSHIP N.	RANGE (E. OR W.) W.M.	COUNTY
NW 1/4 of the NE 1/4	29	35 N	5 E	Snohomish

6. **IF THIS IS WITHIN THE LIMITS OF A RECORDED PLATTED PROPERTY, COMPLETE THIS SECTION**

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)

ARE YOU THE OWNER OF THE LAND ON WHICH THE PROPOSED POINT OF DIVERSION OR WITHDRAWAL IS TO BE LOCATED

☐ YES ☒ NO

LEGAL DESCRIPTION OF LANDS WATER IS TO BE USED ON

City of Stanwood Water Service Area:

All of Sections 17, 18, 19, 20, 29, 31 and 32, and portions of Sections 16, 21, 28 and 33, of Township 32 North, Range 4 East, W.M.

SECTION	TOWNSHIP N.	RANGE (E. OR W.) W.M.	COUNTY
			Snohomish

(ATTACH SEPARATE SHEET IF NECESSARY)

ARE YOU THE LEGAL OWNER OF THE ABOVE DESCRIBED LANDS	IF NO, EXPLAIN YOUR INTEREST
☐ YES ☒ NO	The described lands represent the Stanwood Service Area.

* PLEASE NOTE LEGAL LAND OWNER SIGNATURE AND APPLICANT SIGNATURE ARE BOTH REQUIRED. IF THE LEGAL LAND OWNER AND APPLICANT ARE THE SAME, PLEASE SIGN IN BOTH PLACES. THANK YOU.

LEGAL LANDOWNER (PLEASE PRINT)

APPLICANT'S SIGNATURE

LEGAL LANDOWNER SIGNATURE (OWNER OF PROPERTY DESCRIBED IN ITEM NUMBER 5)

LEGAL LANDOWNER'S ADDRESS

S. F. No. 7341—2-48—1M. 20413.

CERTIFICATE RECORD No. 2 PAGE No. 615

STATE OF WASHINGTON, COUNTY OF Snohomish

Certificate of Ground Water Right

Issued in accordance with the provisions of Chapter 263, Laws of Washington for 1945, and the rules and regulations of the State Supervisor of Hydraulics thereunder.

THIS IS TO CERTIFY *That* STANWOOD WATER COMPANY

of Stanwood, Washington, *has made proof to the satisfaction of the State Supervisor of Hydraulics of Washington, of a right to the use of the ground waters of a* well

located within the NW¼ of NE¼ of Sec. 29, Twp. 32 N., Rge. 4 E.W.M.

for the purpose of municipal supply and industrial use

under Ground Water Permit No. 670 *issued by the State Supervisor of Hydraulics, and that said right to the use of said ground waters has been perfected in accordance with the laws of Washington, and is hereby confirmed by the State Supervisor of Hydraulics of Washington and entered of record in Volume* 2 *at page* 615; *that the right hereby confirmed dates from* February 20, 1948; *that the quantity of ground water under the right hereby confirmed for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed* 2000 gallons per minute; 2400 acre-feet per year

A description of the lands to which such ground water right is appurtenant, and the place where such water is put to beneficial use, is as follows:

Stanwood and East Stanwood and rural communities, Snohomish County, Washington.

The right to the use of the ground water aforesaid hereby confirmed is restricted to the lands or place of use herein described, except as provided in Sections 6 and 7, Chapter 122, Laws of 1929.

WITNESS the seal and signature of the State Supervisor of Hydraulics affixed this 14th *day of* May, 1951.

Thos. H. Northam
State Supervisor of Hydraulics

ENGINEERING DATA
OK PHR

DOE file

S. F. No. 7354—8-46—2M. 12982

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION AND DEVELOPMENT
DIVISION OF HYDRAULICS

Permit to Appropriate Public Ground Waters of the State of Washington

Book No. 2 of Ground Water Permits, on page 670 under Application No. 741

of STANWOOD WATER COMPANY
Stanwood, Washington

is hereby granted a permit to appropriate the following described public ground waters of the State of Washington, subject to existing rights, and to the limitations and provisions set out herein.

Priority date of this permit is February 20, 1948

Source of the proposed ground water appropriation is Well

within area, sub-area

zone. Name or number of works is

Quantity of water appropriated shall be limited to the amount which can be beneficially applied and not to exceed 2000 gallons per minute; 2400 acre-feet per year, to be used for the following purposes: Municipal supply and industrial use

as more definitely set out below.

Location of the well, tunnel, or infiltration trench is 100 feet Southeast of the North quarter corner of Sec. 29

being within the NW¼ of NE¼ of Sec. 29, Twp. 32 N., Rge. 4 E.W.M.

county of Snohomish

Use, or uses to which water is to be applied:

For municipal supply: and industrial use 2000 gallons per minute: 2400 acre-feet per year,

to supply Stanwood and East Stanwood and rural communities, Snohomish County

For irrigation: gallons per minute: acre-feet per year,

for the irrigation of acres.

For miscellaneous uses: gallons per minute; acre-feet per year,

for

LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

Stanwood and East Stanwood and rural communities, Snohomish County, Washington.

DESCRIPTION OF WORKS FROM WHICH WATER IS TO BE WITHDRAWN

The well will be drilled and have a diameter of 20 inches, and depth of 250 feet.
(Dug or drilled)

Description of tunnel or infiltration trench:

(Please read carefully provisions below)

Particular specifications required by the Supervisor of Hydraulics for the purpose of preventing waste of public waters:

Construction work shall begin on or before started

and shall thereafter be prosecuted with reasonable diligence and completed on or before

October 1, 1948

and complete application of water to proposed use shall be made on or before

October 1, 1950

Given under my hand and the seal of this office at Olympia, Washington, this 16th day of April, 19 48

DUNCAN MCCLER
State Supervisor of Hydraulics.

By Chas. J. Carlhoud
CHAS. J. CARLHOUD, Deputy

DOE file

REPORT OF FINDINGS ON GROUND WATER Appli. 741

NAME Stanwood Water Company

TYPE OF WORKS: well Date of Examination Feb. 18, 1948

Dimensions: 20" x 250' Progress of Works well in - no pump

QUANTITY ~~Claimed or~~ Applied for: 2000 g.p.m. _____ acre feet per year

LOCATION NW¼ of NE¼ of 29-32-4 E.W.M.

USE: domestic, municipal & industrial

Irrigation- acreage: Present _____ Planned _____ Feasible _____

Municipal: Population 2,000 as of 1960

Industrial: _____

Time Pump Will be Operated: daily

Other Water Rights of Applicant: Church's Gulch 1000'; Decl. 605

Surface Water Certificate #1164 and Permit 4416

Proximity to existing works, springs or streams:

none within ½ mile

Water Bearing Zone: _____

RECOMMENDATIONS

Approved for 2000 g.p.m. 2400 acre-feet per year, subject to existing water rights. (1 acre-foot = 325,850 gallons)

The water requirements of this community are heavy in the summer when canning season is on. During the last few summers a shortage of good water has existed that should be taken care of by this well.

The future water requirements are calculated on 1000 g.p.m. being pumped for 6 months of the year and 2000 g.p.m. for 6 months. This amounts to 2,400 acre-feet a year.

Signed this 19th day of March, 1948

FBR

FRED B. ROBERTS
Ground Water Geologist

DOE file

S. F. No. 370-B—4-47—2M 15037

$5.00 examination fee should accompany each application.

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION AND DEVELOPMENT
Division of Hydraulics

APPLICATION FOR A PERMIT
To Appropriate Public Ground Waters
OF THE STATE OF WASHINGTON

RECEIVED FEB 20 1948 DIVISION OF HYDRAULICS

Application No. G. W. 741

I, Stanwood Water Co. (Name of applicant)

of Stanwood Wash. (Complete postoffice address)

do hereby make application for a permit to appropriate the following described public ground waters of the State of Washington, subject to existing rights. This application is made under the provisions of Chap. 263 of the Session Laws of 1945 of the State of Washington and subject to the rules and regulations of the Department of Conservation and Development, Division of Hydraulics.

1. The proposed appropriation will be from Well (Well, tunnel, infiltration trench)

located One mile east of East Stanwood (Give approximate distance and direction from nearest city or town)

Area (Leave blank) Sub-area (Leave blank)

Zone (Leave blank)

Applicant's name or number of well or other works, if any Churchs's Gulch Well

2. The quantity of water which applicant intends to apply to beneficial use is ~~14000~~ 2000

gallons per minute: acre feet per year.

3. The use or uses to which water is to be applied Municipal, Domestic, Industrial (Domestic supply, irrigation, municipal, manufacturing, industrial use, etc.)

4. The time during which water will be required each year 12 Months

5. Location of well or other works for withdrawal of water: In county of Snohomish

(a) Approx. 100' SE of N 1/4 cor of Sect 29 (Give distance and bearing from nearest corner of section or legal subdivision)

being within the NW 1/4 of NE 1/4 (Give smallest legal subdivision) of Sec. 29, Twp. 32 N., Rge. 4 E. (E or W.)

or (b) If within limits of recorded platted property, town or city: Lot , Block ,

of (Give name of plat or addition) (If within town or city, give name)

(c) Show this location on accompanying section plat, in triplicate. Other adequate maps or drawings will be acceptable.

6. Name and address of owner of land on which well or works are located:

Stanwood Water Co. (Name)

Stanwood Wash. (Address)

7. DESCRIPTION OF WORKS:

(a) Well will be Drilled *and have a diameter of* 20 *inches and an estimated*
(Dug or drilled)

depth of 250 *feet.*

(b) Tunnels or trenches to be described: (Attach additional sheets if needed for full description.)

(c) Distribution system to be described:

(d) If pumps are to be used, give size and type:

Eventually ~~1400~~ 2000 G.P.M. Deep Well Type

(e) Give capacity and type of motor or engine to be used:

75 H.P. Motor 3ph. 440V

(f) If the location of the well, tunnel, or other works is less than one-fourth mile from a natural stream or stream channel, give the distance to the nearest point on each of such channels and the difference in elevation between the stream bed and the ground surface at the source of development:

100' from Churchs' Gulch Creek
Diff. in Elev. - Well at surface is 30 ft. above stream bed.

(g) Ownership of each existing well or other works from which ground water is withdrawn within a radius of one-quarter mile and the distance and direction from well or other works being reported herein:

(Name)	(Direction)	(Distance)
(Name)	(Direction)	(Distance)
(Name)	(Direction)	(Distance)
(Name)	(Direction)	(Distance)
(Name)	(Direction)	(Distance)

(On accompanying plat show location of the existing wells or works.)

8. SUPPLY THE FOLLOWING INFORMATION ACCORDING TO USE PROPOSED:

(a) For Municipal Supply: *To supply the city, town, or community of* Stanwood East Stanwood *in the county of* Snohomish, *having a present population of* 1300 + Rural, *and an estimated population of* 2000 + Rural *in 19* 60

(b) For Irrigation: *The land to be irrigated has a total area of* — *acres.*

(c) Legal Description of Property *on which water is to be used for all purposes other than municipal supply:* (If more space is required, attach separate sheet.)

Pict Sweet Frozen Foods Plant - E. Stanwood
Twin City " " " Stanwood
Kelly Farquhar " " " "
Bodle Co. " " " Florence
G.N. Rwy East Stanwood

(d) *Do you have any other water rights appurtenant to the above described property?* no

If so, from what source

9. *Construction work will begin on or before* Jan. 1 - 48

10. *Construction work will be completed on or before* May 1 - 48

11. *Water will be put to complete beneficial use on or before* June 1 - 48

(Signature of applicant)

Signed in the presence of us as witnesses:

(Name) (Address of witness)

(Name) (Address of witness)

STATE OF WASHINGTON, }
COUNTY OF THURSTON, } ss.

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for correction or completion as follows:

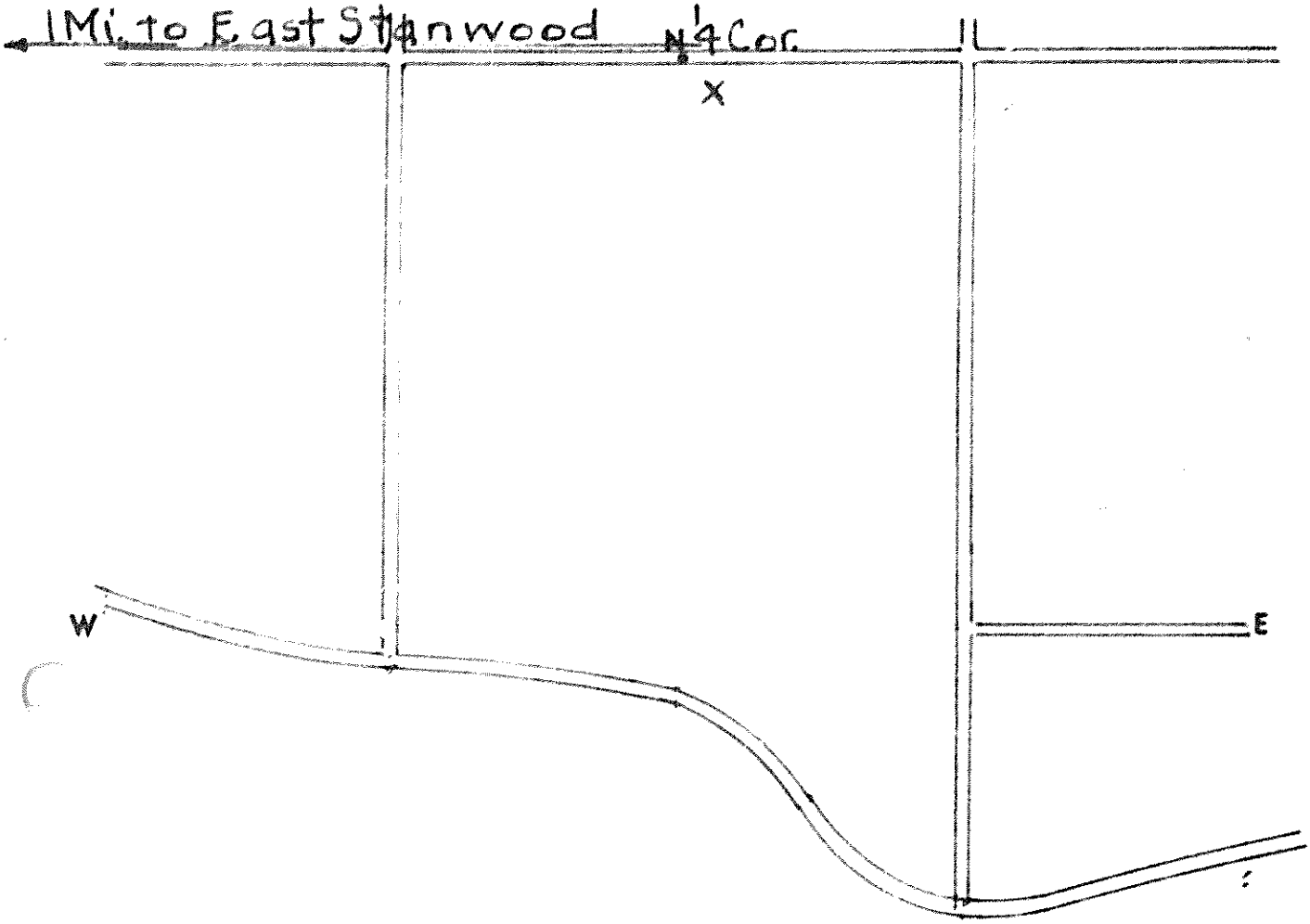
In order to retain its priority, this application must be returned to the State Supervisor of Hydraulics, with corrections, on or before , 19

WITNESS my hand this day of , 19

S. F. No. 1854-B—7-47—6M. 13656

SECTION PLAT

Sec. 29 Twp. 32 N. R. 4 EWM



S

Show by a cross (X) the location of the well or other works covered by the application or declaration. Show by circle (O) the locations of other wells or works within a quarter of a mile. Also traveling directions from nearest town on main highway.

Scale: 1 inch = 800 feet.

GROUNDWATER CERTIFICATE 616

FURE WELL

DOE file

S. F. No. 7361—1-49—15M. 50415.

CERTIFICATE RECORD No. 2 PAGE No. 616

STATE OF WASHINGTON, COUNTY OF Snohomish

Certificate of Ground Water Right

Issued in accordance with the provisions of Chapter 263, Laws of Washington for 1945, and the rules and regulations of the State Supervisor of Hydraulics thereunder.

THIS IS TO CERTIFY *That* STANWOOD WATER COMPANY

of Stanwood, Washington, *has made proof to the satisfaction of the State Supervisor of Hydraulics of Washington, of a right to the use of the ground waters of a* pump well

located within the NW¼ of SE¼ of Sec. 20, Twp. 32 N., Rge. 4 E.W.M.

for the purpose of municipal supply and industrial uses.

under Ground Water Permit No. 976 *issued by the State Supervisor of Hydraulics, and that said right to the use of said ground waters has been perfected in accordance with the laws of Washington, and is hereby confirmed by the State Supervisor of Hydraulics of Washington and entered of record in Volume* 2 *at page* 616; *that the right hereby confirmed dates from* February 11, 1949; *that the quantity of ground water under the right hereby confirmed for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed* 150 gallons per minute; 121 acre-feet per year,

~~for irrigation of xxxxxxxx xxxxxxxx~~

A description of the lands to which such ground water right is appurtenant, and the place where such water is put to beneficial use, is as follows:

Town of East Stanwood and Community of Cedarhome, Snohomish County, State of Washington.

The right to the use of the ground water aforesaid hereby confirmed is restricted to the lands or place of use herein described, except as provided in Sections 6 and 7, Chapter 122, Laws of 1929.

WITNESS the seal and signature of the State Supervisor of Hydraulics affixed this 14th *day of* May, 19 51.

Chas. A. Carithers

State Supervisor of Hydraulics

ENGINEERING DATA

DOE file

S. F. No. 7354—8-46—23M 12682

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION AND DEVELOPMENT
DIVISION OF HYDRAULICS

Permit to Appropriate Public Ground Waters of the State of Washington

Book No. 2 of Ground Water Permits, on page 976 under Application No. 1067

of STANWOOD WATER COMPANY
Stanwood, Washington

is hereby granted a permit to appropriate the following described public ground waters of the State of Washington, subject to existing rights, and to the limitations and provisions set out herein.

Priority date of this permit is February 11, 1949.

Source of the proposed ground water appropriation is Pump Well

within area, sub-area

zone. Name or number of works is

Quantity of water appropriated shall be limited to the amount which can be beneficially applied and not to exceed 150 gallons per minute; 121 acre-feet per year, to be used for the following purposes: Municipal supply and industrial uses

as more definitely set out below.

Location of the well, tunnel, or infiltration trench is 500 feet South and 100 feet East of the center of Section 20

being within the NW¼ of SE¼ of Sec. 20, Twp. 32 N., Rge. 4 E.W.M.

county of Snohomish

Use, or uses to which water is to be applied:

For municipal supply and industrial uses 150 gallons per minute; 121 acre-feet per year,

to supply Town of East Stanwood and Community of Cedarhome

For irrigation: gallons per minute; acre-feet per year,

for the irrigation of acres.

For miscellaneous uses: gallons per minute; acre-feet per year,

for

LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

Town of East Stanwood and Community of Cedarhome,
Snohomish County, State of Washington.

DESCRIPTION OF WORKS FROM WHICH WATER IS TO BE WITHDRAWN

The well will be drilled and have a diameter of 12 inches, and depth of 150 feet.
(Dug or drilled)

Description of tunnel or infiltration trench:

(Please read carefully provisions below)

Particular specifications required by the Supervisor of Hydraulics for the purpose of preventing waste of public waters:

Construction work shall begin on or before Started

and shall thereafter be prosecuted with reasonable diligence and completed on or before Completed

and complete application of water to proposed use shall be made on or before November 1, 1950

Given under my hand and the seal of this office at Olympia, Washington, this 6th day of May, 19 49

Chas. J. Lapthorn

State Supervisor of Hydraulics.

DOE file

REPORT OF FINDINGS ON GROUND WATER Appli. 1067

NAME Starwood Water Company

TYPE OF WORKS: pump well Date of Examination 4-22-49

Dimensions: 12" x 150' Progress of Works well in

QUANTITY ~~Claimed or~~
Applied for: 150 g.p.m. acre feet per year

LOCATION NW¼ of SE¼ of 20-32-4 E.W.M.

USE: domestic supply and industrial use

Irrigation- acreage: Present Planned Feasible

Municipal: Population 2,000 as of 1955

Industrial:

Time Pump Will be Operated: daily

Other Water Rights of Applicant: G. W. Permit #1670; G. W. Cert #509-D S/c W. Cert. #1164 and Permit #4416

Proximity to existing works, springs or streams:

Church's Creek, 150' Southerly -- 25' lower than well

Louis Paterson N ½ mile; Lincoln School W ½ mile.

Water Bearing Zone:

RECOMMENDATIONS

Approved for 150 g.p.m. 121 acre-feet per year, subject to existing water rights.(1 acre-foot = 325,850 gallons)

The maximum use of this well will probably be put at 150 g.p.m. for 12 hours average use each day, assuming that much is available. 121 acre-feet annually will be produced at this rate.

Signed this 28th day of April, 1949

FBR

FRED B. ROBERTS
Ground Water Geologist
Division of Hydraulics

DOE file

S. F. No. 370-B--4-47--2M 15032

$5.00 examination fee should accompany each application.

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION AND DEVELOPMENT
Division of Hydraulics

RECEIVED FEB 11 1949 DIVISION OF HYDRAULICS

APPLICATION FOR A PERMIT
To Appropriate Public Ground Waters
OF THE STATE OF WASHINGTON

Application No. G. W. 1067

I, Stanwood Water Co.
(Name of applicant)

of Stanwood Wash.
(Complete postoffice address)

do hereby make application for a permit to appropriate the following described public ground waters of the State of Washington, subject to existing rights. This application is made under the provisions of Chap. 263 of the Session Laws of 1945 of the State of Washington and subject to the rules and regulations of the Department of Conservation and Development, Division of Hydraulics.

1. The proposed appropriation will be from pump well
(Well, tunnel, infiltration trench)

located 2 miles east of Stanwood
(Give approximate distance and direction from nearest city or town)

Area (Leave blank) Sub-area (Leave blank)

Zone (Leave blank)

Applicant's name or number of well or other works, if any

2. The quantity of water which applicant intends to apply to beneficial use is 150

gallons per minute; acre feet per year.

3. The use or uses to which water is to be applied Domestic + Industrial

(Domestic supply, irrigation, municipal, manufacturing, industrial use, etc.)

4. The time during which water will be required each year

5. Location of well or other works for withdrawal of water: In county of Snoh.

(a) 500 ft. South + 100 ft. East of center of Sect.
(Give distance and bearing from nearest corner of section or legal subdivision)

being within the NW 1/4 of SE 1/4 of Sec. 20, Twp. 32 N., Rge. 4 (E. or W.)
(Give smallest legal subdivision)

or (b) If within limits of recorded platted property, town or city: Lot ....., Block .....,

of ..... (Give name of plat or addition) (If within town or city, give name)

(c) Show this location on accompanying section plat, in triplicate. Other adequate maps or drawings will be acceptable.

6. Name and address of owner of land on which well or works are located:

James Fure
(Name)

East Stanwood, Wash.
(Address)

7. Description of Works:

(a) Well will be Drilled (Dug or drilled) and have a diameter of 12 inches and an estimated depth of 150 feet.

(b) Tunnels or trenches to be described: (Attach additional sheets if needed for full description.)

(c) Distribution system to be described.

City System

(d) If pumps are to be used, give size and type:

(e) Give capacity and type of motor or engine to be used:

(f) If the location of the well, tunnel, or other works is less than one-fourth mile from a natural stream or stream channel, give the distance to the nearest point on each of such channels and the difference in elevation between the stream bed and the ground surface at the source of development:

Church's Creek, 150 ft. Southerly
25 ft. lower than well.

(g) Ownership of each existing well or other works from which ground water is withdrawn within a radius of one-quarter mile and the distance and direction from well or other works being reported herein:

(Name)	(Direction)	(Distance)
Louie Peterson	N	½ mi.
Lincoln School	W	½ mi.

(On accompanying plat show location of the existing wells or works.)

8. Supply the Following Information According to Use Proposed:

(a) For Municipal Supply: *To supply the city, town, or community of* *in the county of* *having a present population of* *, and an estimated population of* 2000 *in* 1955

(b) For Irrigation: *The land to be irrigated has a total area of* *acres.*

(c) Legal Description of Property *on which water is to be used for all purposes other than municipal supply:* (If more space is required, attach separate sheet.)

(d) *Do you have any other water rights appurtenant to the above described property?*

If so, from what source

9. *Construction work will begin on or before* June 1949
10. *Construction work will be completed on or before* Dec. 1949
11. *Water will be put to complete beneficial use on or before* Jan. 1950

(Signature of applicant)

Signed in the presence of us as witnesses:

Julia Knutsen (Name) — Stanwood, Wash. (Address of witness)

Jean Bae (Name) — Stanwood, Wash. (Address of witness)

STATE OF WASHINGTON,
COUNTY OF THURSTON. } ss.

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for correction or completion as follows:

In order to retain its priority, this application must be returned to the State Supervisor of Hydraulics, with corrections, on or before *, 19*

WITNESS my hand this *day of* *, 19*

State Supervisor of Hydraulics

S. F. No. 1354-B—7-47—6M. 15856.

SECTION PLAT

Sec..... Twp..... N. R. 7 E WM

N

W E

S

Show by a cross (X) the location of the well or other works covered by the application or declaration. Show by circle (O) the locations of other wells or works within a quarter of a mile. Also traveling directions from nearest town on main highway.

Scale: 1 inch = 800 feet.

RECEIVED
1949
DIVISION OF
HYDRAULICS

GROUNDWATER PERMIT 4111

CEDARHOME WELL

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

SUPERSEDING PERMIT

TO APPROPRIATE PUBLIC WATERS OF THE STATE OF WASHINGTON

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

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

PRIORITY DATE	APPLICATION NUMBER	PERMIT NUMBER	CERTIFICATE NUMBER
March 6, 1956	4239	4111	

NAME
City of Stanwood

ADDRESS (STREET)	(CITY)	(STATE)	(ZIP CODE)
10220 - 270th Street NW	Stanwood	WA	98292

The applicant is hereby granted a permit to appropriate the following public waters of the State of Washington, subject to existing rights and to the limitations and provisions set herein.

PUBLIC WATERS TO BE APPROPRIATED

SOURCE
Well (Cedarhome Well)

TRIBUTARY OF (IF SURFACE WATERS)

MAXIMUM CUBIC FEET PER SECOND	MAXIMUM GALLONS PER MINUTE	MAXIMUM ACRE FEET PER YEAR
	600	960

QUANTITY, TYPE OF USE, PERIOD OF USE

Municipal supply - Continuous

LOCATION OF DIVERSION/WITHDRAWAL

APPROXIMATE LOCATION OF DIVERSION--WITHDRAWAL

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION)	SECTION	TOWNSHIP N.	RANGE, (E. OR W.) W.M.	W.R.I.A.	COUNTY
SW1/4 NE1/4	20	32	4 E	5	Snohomish

RECORDED PLATTED PROPERTY

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)

LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

The place of use (POU) of this water right is the service area described in the most recent Water System Plan approved by the Washington State Department of Health, so long as **the City of Stanwood** 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.

DESCRIPTION OF PROPOSED WORKS

The City of Stanwood's Group A public water system is supplied water by three wells and a spring source. Water storage is provided by four reservoirs (total capacity 1.6 million gallons). The water system has eight pressure zones, 6 pressure reducing stations, three booster pump stations and more than 54 miles of water main

DEVELOPMENT SCHEDULE

BEGIN PROJECT BY THIS DATE:	COMPLETE PROJECT BY THIS DATE:	WATER PUT TO FULL USE BY THIS DATE:
Started	Completed	October 2, 2022

S

PROVISIONS

- The amount of water granted, 600 gallons per minute and 960 acre-feet per year, is a maximum limit that shall not be exceeded and the water user shall be entitled only to that amount of water within the specified limit that is beneficially used and required.

- An approved measuring device shall be installed and maintained for each diversion/withdrawal of the sources identified by this water right in accordance with the rule "Requirements for Measuring and Reporting Water Use", Chapter 173-173 WAC.

  Water use data shall be recorded weekly. The maximum monthly rate of diversion/withdrawal and the monthly total volume shall be submitted to Ecology by January 31st of the following year. Ecology is requiring submittal of monthly meter readings to collect seasonal information for water resource planning, management and compliance.

  The following information shall be included with each submittal of water use data: owner, contact name if different, mailing address, daytime phone number, Permit/Certificate/Claim No., source name, volume including units, Department of Health WFI water system number and source number(s) (for public drinking water systems), and well tag number (for ground water withdrawals). In the future, Ecology may require additional parameters to be reported or more frequent reporting. Ecology prefers web based data entry, but does accept hard copies. Ecology will provide forms and electronic data entry information.

  Chapter 173-173 WAC 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 contained in the document entitled "Water Measurement Device Installation and Operation Requirements".

  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 conditions, and to inspect at reasonable times any measuring device used to meet the above conditions.

- In order to monitor the resource, the static water level (SWL) shall be measured monthly. Measurements shall be taken after the pump has been shut off a reasonable time to allow the water level to return to normal. Ecology's Water Resources Section (Northwest Regional Office) shall be notified if a below normal seasonal drop is measured in SWL; otherwise this data shall be maintained and be made available to Ecology upon request.

  Since the pumping water level did not stabilize, the static ground water level should be monitored to make sure that pumping from the well is not mining the ground water from the aquifer.

- Chloride and conductivity measurements as well as depth to static water level (pump off), measured from the top of the well casing, shall be made on each production well in April and again in August of each year. The chloride conductivity and static water level measurement analysis shall be performed by a state-accredited laboratory. A copy of the laboratory results for all sampling events shall be submitted by October 15 of each year, to the Department of Ecology, Northwest Regional Office, Bellevue, Washington. For record keeping, please include the water right number on all copies.

  If pumping from the wells authorized by this water right causes chloride concentrations to show an increasing trend in any of the wells, immediate action shall be required to prevent pumping concentrations from increasing as is consistent with the water quality anti-degradation policy WAC 173-200-030. These actions include, but are not limited to reducing the instantaneous withdrawal rate (gpm) of the wells, lowering the annual quantity removed from the wells, rotating pumping cycles, or turning off certain wells. If chloride concentrations continue to increase, even after corrective measures are taken, the water right holder shall relinquish the option to perfect additional allocated quantities regardless of the stage of development.

- Installation and maintenance of an access port as described in Ground Water Bulletin No. 1 is required. An air-line and gauge may be installed in addition to the access port.

- If it can be shown that this change in the point of withdrawal and the place of use has a detrimental effect on existing rights, it shall be the responsibility of the operator to mitigate for this impact and/or alter or cease withdrawal of water.

- The applicant is advised that the certificate will issue for only that quantity of water that has been withdrawn and applied to actual beneficial use. Such quantity applied to actual beneficial use shall not exceed the quantity specified in this report of exam and will be calculated based on the best information available to Ecology, including metering data and/or water duty analysis.

This permit shall be subject to cancellation should the permittee fail to comply with the above development schedule and/or fail to give notice to the Department of Ecology on forms provided by that Department documenting such compliance.

Given under my hand and the seal of this office at Bellevue, Washington, this 3rd *day of* December, *2010.*

Department of Ecology

REVIEWED BY
OKAY DR

By _____
Jacqueline Klug, Section Manager, Water Resources

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

REPORT OF EXAMINATION FOR CHANGE TO GROUND WATER PERMIT

TO APPROPRIATE PUBLIC WATERS OF THE STATE OF WASHINGTON

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

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

PRIORITY DATE	APPLICATION NUMBER	PERMIT NUMBER	CERTIFICATE NUMBER
March 6, 1956	4239	4111	

NAME
City of Stanwood

ADDRESS (STREET)	(CITY)	(STATE)	(ZIP CODE)
10220 - 270 Street N.W.	Stanwood	Washington	98292

PUBLIC WATERS TO BE APPROPRIATED

SOURCE
Well (Cedarhome Well)

TRIBUTARY OF (IF SURFACE WATERS)

MAXIMUM CUBIC FEET PER SECOND	MAXIMUM GALLONS PER MINUTE	MAXIMUM ACRE FEET PER YEAR
	500	807

QUANTITY, TYPE OF USE, PERIOD OF USE

Municipal Supply - Continuous

LOCATION OF DIVERSION/WITHDRAWAL

APPROXIMATE LOCATION OF DIVERSION--WITHDRAWAL

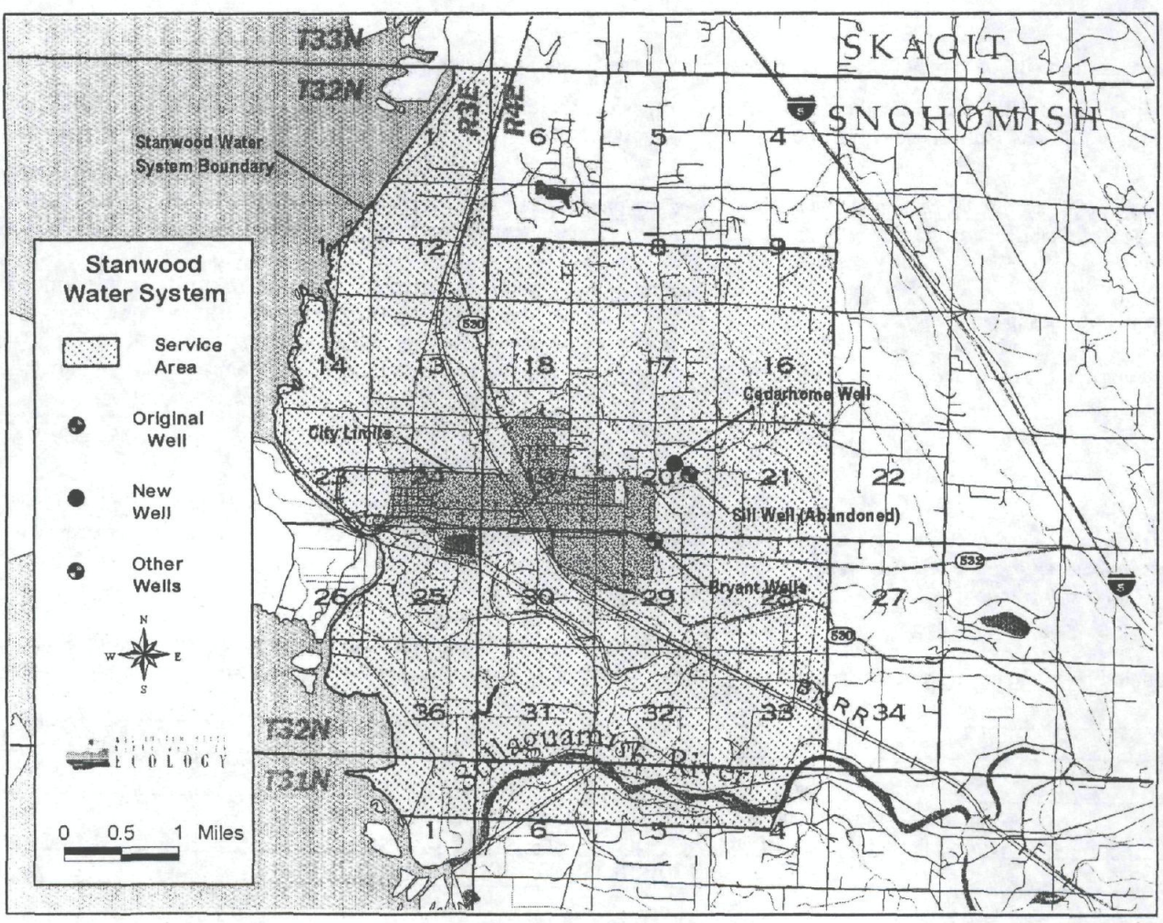
LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION)	SECTION	TOWNSHIP N.	RANGE, (E. OR W.) W.M.	W.R.I.A.	COUNTY
SW¼ NE¼	20	32	4 E	5	SNOHOMISH

RECORDED PLATTED PROPERTY

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)

LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

Area served by the City of Stanwood, as described in the City of Stanwood Comprehensive Water System Plan July 2001.



DESCRIPTION OF PROPOSED WORKS

The City of Stanwood's Group A public water system is supplied water by three wells and a spring source. Water storage is provided by four reservoirs (total capacity 1.6 million gallons). The water system has eight pressure zones, 6 pressure reducing stations, three booster pump stations and more than 54 miles of water main.

DEVELOPMENT SCHEDULE

BEGIN PROJECT BY THIS DATE	COMPLETE PROJECT BY THIS DATE	WATER PUT TO FULL USE BY THIS DATE
Started	October 2, ~~2005~~ 2007	October 2, 2022

REPORT

The City of Stanwood is located in the Puget Sound lowland within Snohomish County. The City of Stanwood is a municipal corporation that owns and operates a Group A public water system within its corporate boundaries.

The City of Stanwood's water system serves customers within an elevation range of approximately sea level, near Skagit Bay and the Stillaguamish River, to approximately 240 feet above mean sea level near the Knittle Reservoirs. The wide range of elevations requires that the water pressure be increased or reduced to maintain pressures that are safe and sufficient to meet the flow requirements of the system. The Stanwood system is divided into four distinct pressure zones and four smaller reduced pressure areas.

BACKGROUND

On March 6, 1956, the Department of Conservation and Development (DCD) received an application for a permit to appropriate public ground waters from the Stanwood Water Company for domestic and industrial use in the amount of 1,000 gallons per minute. The well, described as the "Sill well," is located in the SE¼NE¼ of Section 20, Township 32N, Range 4E., W.M. The legal description of the place of use was identified as the towns of Stanwood and East Stanwood, in Snohomish County.

DCD issued a Report of Exam on July 17, 1956. The report recommended 1,000 gallons per minute and 1,600 acre-feet per year be issued for domestic and industrial use, less any amount diverted to this land under the following certificates: GWC 509-D, GWC 615-A, GWC 616-A, GWP 487, SWC 1164 and SWP 4416.

DCD issued Ground Water Permit 4111 on October 22, 1956, for 1,000 gallons per minute and 1,600 acre-feet per year, for continuous domestic supply and industrial use. The legal description for the place of use is consistent with the place of use described above.

A Proof of Appropriation of Water, from the Stanwood Water Company was notarized on November 19, 1956, for the quantities of 600 gallons per minute and 960 acre-feet per year.

DCD issued Ground Water Right Certificate 2986-A to the Stanwood Water Company on January 14, 1958. Ground Water Certificate 2986-A authorized 600 gallons per minute and 960 acre-feet per year for domestic supply and industrial use. The legal description for the place of use is consistent with that described above.

On February 1, 2002, Ecology issued Order No. 01WRNR-3410, rescinding Ground Water Certificate 2986-A to permit status (GWP 4111) due to finding that Ground Water Certificate 2986-A was issued in error.

Application For Change To Ground Water Permit 4111P

This change request to change the place of use, the point of withdrawal, and to properly identify the purpose of use for Ground Water Certificate 2986-A is applied as a change request to Ground Water Permit 4111. The change request included the instantaneous quantity of 600 gallons per minute and 960 acre-feet per year for municipal use.

Applicant:	City of Stanwood
Application No:	4239
Ground Water Permit No:	4111
Priority Date:	March 6, 1956
Date of Change Request:	October 2, 2001
Change Request:	Change the place of use, the point of withdrawal and to properly identify the purpose of use
Published:	March 29 and April 4, 2002
Protests:	None received during the statutory 30-day protest period

INVESTIGATION

In considering this application, my investigation included, but was not limited to research and/or review of:

1. The State Water Code,
2. Existing water rights for the Stanwood Water System,
3. Records of other water rights in the vicinity,
4. The change application as submitted,
5. Attachment A – Application Responses – a document submitted with the change application,
6. Report - Hydrogeologic Services: Installation and Testing of Production Well No. 4, August 17, 1995 (prepared by Geo Engineers),
7. Topographic and local area maps,
8. Correspondence from the City of Stanwood, and
9. City of Stanwood Coordinated Water System Plan, July 2001.

State Water Code

Chapters 90.03 and 90.44 RCW authorize the appropriation of public water for beneficial use and describe the process for obtaining water rights including the process to amend or change existing rights. Laws specifically governing the water right permitting process are RCW 90.03.250 through 90.03.340 and RCW 90.44.060. Changes or amendments to these rights are covered under RCW 90.03.380 and RCW 90.44.100

City of Stanwood Water Rights

CERTIFICATE NUMBER	Priority Date	Date of Certification	Use	Instantaneous Quantity	Annual Quantity	Source
GW 509-D	May 18, 1917	April 19, 1948	Municipal Supply	250 gpm	17 afy	Well SW¼ NE¼ S.19,T32N,R4E,WM
Surface Water Certificate 1164	September 28, 1928	February 17, 1939	Municipal Water Supply	2.5 cfs	Not identified	Hat Slough S½NW¼ S.5,T31N,R4E,WM
Ground Water Certificate 615-A	February 20, 1948	May 14, 1951	Municipal Supply and Industrial Use	2,000 gpm	2,400 afy	Well – NW¼ NE¼ S. 9, T32N, R4E,WM
Ground Water Certificate 616-A	February 11, 1949	May 14, 1951	Municipal Supply and Industrial Use	150 gpm	121 afy	Well – NW¼ SE¼ S. 20, T32N, R4E, WM

Since the majority of the system's water rights are municipal, it follows that the domestic and municipal uses could not be physically separated in a way that would ensure that the water rights allocated in Ground Water Permit 4111 are used only for domestic and industrial purposes. The request to properly identify the type of beneficial use from "Domestic and Industrial" to "Municipal Supply" cannot be considered an enlargement to the existing water right.

The original request for this water right began in 1956. The report of exam written by Dee Molenaar, geologist with the Division of Water Resources, July 17, 1956, stated "The water requirements of the town are calculated at a continual pumping rate of 1,000 gpm, or 1600 acre-feet annually, consistent with beneficial domestic and industrial use, less any amount diverted to this land under the above listed existing rights." The current status of the referenced "above listed rights" are as follows:

Water Right Number	Instantaneous Quantity	Annual Quantity	Comments
GW Certificate 509D	250 gpm	17 afy	Active
SW Certificate 1164	2.5 cfs (1122 gpm)	Not Identified	Active - maximum possible afy is 1806.7
GW Certificate 615A	2000 gpm	2400 afy	Active
GW Certificate 616A	150 gpm	121 afy	Active
GW Permit 487	1400 gpm	1720 afy	Canceled
SW Permit 4416	.3 cfs (134.6 gpm)	216 afy	Canceled

The subject permit (GW Permit 4111) was issued for 1000 gallons per minute and 1600 acre feet per year. It is unclear what the permit writer meant by the above statement which included "less any amount diverted to this land under the above listed existing rights." If it is to be assumed that the original permit was supplemental to all the other rights, then it can also be assumed that since GW Permit 487 and SW Permit 4416 were canceled, then GW Permit 4111 would replace the canceled permits as a primary right.

To clarify and avoid confusion, the instantaneous and annual quantities eligible for change shall be based on the maximum quantity the Cedarhome well was tested at: 500 gallons per minute (807 acre-feet per year assuming continuous pumping).

Other Water Rights in the Vicinity

In searching Ecology data bases for water rights within Township 32, Range 4 E., W.M., the following certificates, and claims with appropriate priority dates, are listed in the table below:

Note: A determination of the validity has not been addressed for any certificate or claim listed below.

Id. Number	Type	Name	Priority Date	Source	Purpose	Section
G1-015968CL	Claim	Harter, Nina	1/01/1924	Well	DG, ST	16
G1-023058CL	Claim	Erickson, Ralph E.	1/01/1916	Well	DG, ST	16
G1-028196CL	Claim	Larson, Leon	1/01/1944	Well	DG	16
B1-200189CL	Claim	Sundquist, Gustav	1/01/1901	Well, Stream	DG, ST	16
G1-*07308C	Certificate 05550	Kromann, E.	8/26/1964	Well	DS, IR	17
G1-089546CL	Claim	Houx, Robert	1/01/1910	Well	DG	17
G1-104275CL	Claim	Hammontree, Don	1/01/1944	Well	DG, ST	17
G1-112211CL	Claim	Isakson, John	1/01/1896	Well	DG, ST,IR	17
G1-116679CL	Claim	Cedar Home Seventh	1/01/1924	Spring	DG	17
G1-145448CL	Claim	Florence, Earl	1/01/1934	Well	DG	17
G1-154028Cl	Claim	Nunes, Russell	1/01/1930	Well	DG, ST	17
G1-154029CL	Claim	Nunes, Russell	1/01/1925	Well	DG, ST	17
S1-*14385C	Certificate 07072	Pack 47 Cub Scouts	7/01/1957	Church Creek	FS	20
G1-016172CL	Claim	Anderson, Williams	1/01/1930	Well	DG	20
G1-026951CL	Claim	Kirn, George	1/01/1946	Well	DG	20
G1-027722CL	Claim	Kirn, George	1/01/1910	Well	DG, ST	20
G1-103982CL	Claim	Mac Kenzie, Donald	1/01/1930	Well	DG	20

G1-140096CL	Claim	Campbell, Henry	1/01/1912	Well	DG, IR	20
S1-*11035C	Certificate 07300	Blackford, C.	2/08/1952	Church Creek	DS, IR	21
G1-009550CL	Claim	Bostedt, J.	1/01/1914	Well	DG	21
G1-014525CL	Claim	Whitney, Elmer	1/01/1945	Well	DG, ST	21
G1-054199CL	Claim	Swanson, Raymond	1/01/1944	Well	DG	21
G1-088134CL	Claim	Hilmo, Walter	1/01/1916	Well	DG, ST	21
G1-091633CL	Claim	Klett, Clifford	1/01/1944	Well	DG	21
G1-134614CL	Claim	Keen, Harry	1/01/1942	Well	IR	21
G1-253816CL	Claim	Jensen, L	1/01/1930	Well	DG, ST	21

DG = General Domestic; DS= Single Domestic; ST= Stream; IR=Irrigation

Correspondence

April 8, 2002, the Washington State Department of Fish and Wildlife sent in their water right change application review without comments of concern regarding this application.

Topographic and Local Area Maps

Maps used included maps furnished by the applicant as well as the USGS 7.5 minute Stanwood Quadrangle.

City of Stanwood Water System Plan

The City of Stanwood submitted their Comprehensive Water System Plan, July 2001. The Comprehensive Water System Plan included the City's water service area boundary was defined in the 1992 North Snohomish County Coordinated Water System Plan; descriptions of the water system history, water sources, and analysis of the water system; and their water conservation plan. Information from this water system plan is reflected in the FINDINGS section of this report of exam.

FINDINGS

In accordance with state law, the following considerations must be addressed during the process of evaluating this change request:

Change in the Point of Withdrawal, the Place of Use and the Purpose of Use

- The change can not create an enlargement of the original right
- The change can not cause impairment to other existing rights
- The change can not impair the public interest
- Any protestant concerns must be addressed
- Water must be available at the new point of withdrawal
- The new point of withdrawal must tap the same source as the original point of withdrawal
- The new purpose of use must be considered a beneficial use of water

Enlargement of the Original Right

A change in the point of withdrawal, the place of use, and the purpose of use to Groundwater Permit 4111 will not enlarge the intent of the original water right application. The original (March 6, 1956) request for 1000 gallons of water per minute for domestic and industrial use was to serve the town of Stanwood and East Stanwood from a well located in the SE¼ NE¼ of Section 20, or otherwise known as the Sill Well.

No Impairment to Existing Rights

State law 90.44.100 (2d) states a ground water change can be made to a certificate or permit if "the construction and use of the new well shall not interfere with or impair water rights with an earlier date of priority than the water right or rights for the original well or wells."

No potential for impairment could be identified from the available data. The "Attachment – A, Application Responses," which was included in the application for change, states on page 2, bullet 3, "This report also indicates that the well is not in direct hydraulic continuity with nearby surface water nor are there any wells within 500 feet of Cedarhome Well that could be influenced by the new well."

Public Interest

No detriment to the public interest could be identified during the investigation of this application for change.

The Sill Well developed high levels of hydrogen sulfide as well as unidentified problems.[1] The 235 foot deep Sill Well no longer supplies water to the system. The Sill Well's location is within the drainage path of Church Creek, this fact resulted in an unprotected source of supply.[2] It is in the public interest to secure another source of water for the City of Stanwood.

Protests or Letters of Concern

Department of Fish and Wildlife letter of April 8, 2002, did not indicate any concerns. No protests were received.

[1] City of Stanwood, Comprehensive Water System Plan, July 2001, page 2-7.
[2] "Attachment A – Application Responses", included with the application for the change.

Water Availability

The Cedarhome Well

The Cedarhome Well (PW-4) was drilled in 1995 to replace the Sill Well. The 495 foot Cedarhome Well is located approximately 750 feet northwest of the original well. It has been tested for 500 gallons per minute. The instantaneous quantity of 500 gallons per minute (gpm) is based upon a hydrogeologic report by GeoEngineers. (Report - Hydrogeologic Services: Installation and Testing of Production Well No. 4, August 17, 1995.) The report recommends further testing beyond pumping greater than 500 gallons per minute. The maximum acre-feet per year pumping at 500 gallons per minute equates to 807 acre-feet per year.

The Cedarhome well is located at an approximate elevation of 137 feet above mean sea level (MSL). It is located in the SW¼ NE¼ of Section 20, Township 32, Range 4 East W.M. in Snohomish County. The Cedarhome well was drilled and installed between March and May 1995 using cable tool drilling equipment (Holt Testing of Puyallup, Washington). The boring was completed at a total depth of 490 feet. Sixteen-inch diameter steel casing was installed to a depth of 330 feet. Twelve-inch diameter steel casing was installed to a depth of 380 feet. Eight-inch diameter, stainless steel well screen assemblage was installed between depths of 365 feet and 480 feet[3].

Hydrogeologic Review

The Cedarhome well (PW-4) appears to be completed entirely in non-glacial deposits (Qpf), in a semi-confined aquifer at a depth between approximately 240 feet and 480 feet. The aquifer is separated from surface water and shallow ground water by approximately 45 feet of low-permeability Vashon till and from the Vashon advance aquifer by an additional 120 feet of low permeability glacial deposits.

According to the GeoEngineers report, it appears that the Qpf aquifer is primarily recharged by downward percolation from an overlying advance outwash aquifer.

The static water level in PW-4 was measured at 130 feet below the top of the casing. This indicates a water level elevation of approximately 7 feet above mean sea level.

In June 1995, PW-4 was pumped at 500 gpm for 24 hours. At the end of the 24 hours, the depth to water in the well measured 259 feet below the top of the casing indicating a total drawdown in the well due to the pumping of 129 feet. The pumping water level did not stabilize during the 24-hour test and was still dropping slowly at the conclusion of pumping. After conclusion of pumping, the recovery of water in the well was measured for 180 minutes. After 180 minutes the measured water level was 3.61 feet below the original static water level in the well (97% recovery.)

GeoEngineers calculated the transmissivity of the aquifer to be approximately 790 ft^2/d.

The measured specific capacity of the well is 3.9 gpm/ft of drawdown (500 gpm/129 feet of drawdown).

No storage coefficient could be calculated from the pumping test because there was no nearby well completed in the same aquifer that could be identified or monitored. Well PW-2 was monitored during the test, but it is less than ideal as a monitoring well because it is 1,700 feet away from well PW-4, completed considerable higher in the geologic section (probably the same body of public water but unknown if same aquifer), and the static water level elevation is an unrealistic 25 feet below sea level. No water level change was observed in PW-2 during the pumping test.

The aquifer tapped by PW-4 is defined as semi-confined in the GeoEngineers report, but this is not supported by the PW-4 well log. The aquifer is more likely leaky-confined with leakage occurring from the upper aquifers to the aquifer that PW-4 is completed within.

Chloride Test

Since PW-4 is within 3.5 miles of salt water and is completed more than 228 feet below sea level and will be withdrawing a large quantity of water, **seawater intrusion is a potential concern**. A water sample was collected on June 7, 1995, prior to the conclusion of the 24-hour pumping test that had a chloride concentration of 5 mg/L and an electrical conductivity of 243 umhos/cm. These values are low, but should be monitored to make sure that they don't rise, which would indicate salt water intrusion.

Well Safe Yield[4]

According to the GeoEngineers report, "The aquifer testing data indicate that PW-4 is easily capable of producing approximately 500 gallons per minute (1.90 m^3/min). At a pumping rate of 500 gpm, approximately 129 feet of water level drawdown was observed in the PW-4 and the pumping water level was at a depth of approximately 259 feet below ground surface. The top of the well screen assemblage is at a depth of approximately 365 feet. Assuming that the well pump is installed at the top of the well screen assemblage, approximately 106 feet of water column would be left above the top of the screen at a pumping rate of 500 gpm.

Same Source

Based on the GeoEngineers report that shows that the Sill and Cedarhome wells are approximately 750 feet apart, their static water level elevations are very similar, and they are both likely completed within the same geologic deposit (pre-Fraser nonglacial deposits, Qpfg), although not necessarily the same discrete layer, it can therefore be assumed that the wells tap the same source of public ground water.

Beneficial Use

Typical uses of municipal supply systems include such uses as domestic, stock watering, industrial, commercial, agricultural, irrigation, and environmental and esthetic uses.

According to Chapter 90.54 RCW, beneficial uses include: domestic, stock watering, industrial, commercial, agricultural, irrigation, hydroelectric power production, mining, fish and wildlife maintenance and enhancement, recreational, and thermal power production purposes, and preservation of environmental and esthetic uses, and all other uses compatible with the enjoyment of the public waters of the state, are declared to be beneficial.

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[3] GeoEngineers, Report – Hydrogeologic Services Installation and Testing of Production Well No. 4, August 17, 1995.

[4] Report – Hydrogeologic Services Installation and Testing of Production Well No. 4, August 17, 1995, GeoEngineers, page 10.

RECOMMENDATIONS

I recommend the request for changes to Ground Water Permit 4111 be approved and a superseding permit issued, subject to the provisions listed below:

- The amount of water granted, 500 gallons per minute[5] and 807 acre-feet per year, is a maximum limit that shall not be exceeded and the water user shall be entitled only to that amount of water within the specified limit that is beneficially used and required.

- An approved measuring device shall be installed and maintained for each diversion/withdrawal of the sources identified by this water right in accordance with the rule "Requirements for Measuring and Reporting Water Use", Chapter 173-173 WAC.

  Water use data shall be recorded weekly. The maximum monthly rate of diversion/withdrawal and the monthly total volume shall be submitted to Ecology by January 31st of the following year. Ecology is requiring submittal of monthly meter readings to collect seasonal information for water resource planning, management and compliance.

  The following information shall be included with each submittal of water use data: owner, contact name if different, mailing address, daytime phone number, Permit/Certificate/Claim No., source name, volume including units, Department of Health WFI water system number and source number(s) (for public drinking water systems), and well tag number (for ground water withdrawals). In the future, Ecology may require additional parameters to be reported or more frequent reporting. Ecology prefers web based data entry, but does accept hard copies. Ecology will provide forms and electronic data entry information.

  Chapter 173-173 WAC 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".

  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 conditions, and to inspect at reasonable times any measuring device used to meet the above conditions.

- In order to monitor the resource, the static water level (SWL) shall be measured monthly. Measurements shall be taken after the pump has been shut off a reasonable time to allow the water level to return to normal. Ecology's Water Resources Section (Northwest Regional Office) shall be notified if a below normal seasonal drop is measured in SWL; otherwise this data shall be maintained and be made available to Ecology upon request.

  Since the pumping water level did not stabilize, the static ground water level should be monitored to make sure that pumping from the well is not mining the ground water from the aquifer.

- Chloride and conductivity measurements as well as depth to static water level (pump off), measured from the top of the well casing, shall be made on each production well in April and again in August of each year. The chloride conductivity and static water level measurement analysis shall be performed by a state-accredited laboratory. A copy of the laboratory results for all sampling events shall be submitted by October 15 of each year, to the Department of Ecology, Northwest Regional Office, Bellevue, Washington. For record keeping, please include the water right number on all copies.

  If pumping from the wells authorized by this water right causes chloride concentrations to show an increasing trend in any of the wells, immediate action shall be required to prevent pumping concentrations from increasing as is consistent with the water quality anti-degradation policy WAC 173-200-030. These actions include, but are not limited to reducing the instantaneous withdrawal rate (gpm) of the wells, lowering the annual quantity removed from the wells, rotating pumping cycles, or turning off certain wells. If chloride concentrations continue to increase, even after corrective measures are taken, the water right holder shall relinquish the option to perfect additional allocated quantities regardless of the stage of development.

- Installation and maintenance of an access port as described in Ground Water Bulletin No. 1 is required. An air-line and gauge may be installed in addition to the access port.

- If it can be shown that this change in the point of withdrawal and the place of use has a detrimental effect on existing rights, it shall be the responsibility of the operator to mitigate for this impact and/or alter or cease withdrawal of water.

- This permit is subject to the implementations of the minimum requirements established in the Interim Guidelines for Public Water Systems Regarding Water Use Reporting, Demand Forecasting Methodology and Conservation Programs, March 1994, which are enclosed.

- The applicant is advised that the superseding certificate will issue for only that quantity of water that has been withdrawn and applied to actual beneficial use. Such quantity applied to actual beneficial use shall not exceed the quantity specified in this report of exam and will be calculated based on the best information available to Ecology, including metering data and/or water duty analysis.

- A superseding certificate of water right will not be issued until a final investigation is made.

CONCLUSIONS

In accordance with chapters 90.03 and 90.44 RCW, I conclude that Ground Water Permit 4111 is in good standing and is eligible for change. I have determined that water is available. The change to the point of withdrawal, to the place of use, and to properly identify the purpose of use as municipal will not enlarge the original intent of the permit. Municipal use is a beneficial use of water. Approval of this change request should not cause impairment of existing rights or be detrimental to the public interest. Based on these conclusions, this change request should be approved subject to existing rights and the above-indicated provisions and a superseding permit should be issued.

REPORT BY: Peggy J. Williams DATE: 9-30-02

[5] As recommended in GeoEngineers report "Report - Hydrogeologic Services Installation and Testing of Production Well No. 4" August 17, 1995.

BEFORE THE
DEPARTMENT OF ECOLOGY
STATE OF WASHINGTON

IN THE MATTER OF RESCISSION OF GROUND WATER CERTIFICATE 2986-A AND REINSTATEMENT OF GROUND WATER PERMIT 4111	))))	REPORT FINDING OF FACT DETERMINATION AND ORDER DOCKET NO. DE 01WRNR-3410

TO: City of Stanwood
10220 – 270th Street N.W.
Stanwood, WA 98292

REPORT

This Report, Finding of Fact, Determination and Order have been prepared to fulfill the intent of chapter 90.03 Revised Code of Washington (RCW).

Chapter 90.03 RCW provides for the allocation of the State's water through a permit program and the issuance of a certificate of water right to memorialize water use perfected by beneficial use under a permit. This order pertains to the application of that statute to Water Right Certificate 2986-A, issued by the Department of Ecology, Water Resources Program. The Department of Ecology has conducted an investigation relating to Water Right Certificate 2986-A, and has determined the following:

FINDING OF FACT

1. On July 1, 1956, the Department of Conservation and Development (DCD) received an application for a permit to appropriate public ground waters from the Stanwood Water Company for domestic and industrial use in the amount of 1,000 gallons per minute. The well, described as the "Sill well," is located in the SE¼NE¼ of Section 20, Township 32N, Range 4E, W.M. The legal description of the place of use was identified as the towns of Stanwood and East Stanwood, in Snohomish County. The application was assigned ground water application number 4239.

   DCD issued a Report of Exam on July 17, 1956. The report recommended 1,000 gallons per minute and 1,600 acre-feet per year be issued for domestic and industrial use.

   DCD issued Ground Water Permit 4111 on October 22, 1956, for 1,000 gallons per minute and 1,600 acre-feet per year, for continuous domestic supply and industrial use. The legal description for the place of use is consistent with the place if use described above.

2. A Proof of Appropriation of Water, from the Stanwood Water Company was notarized on November 19, 1956.

3. DCD issued Ground Water Right Certificate 2986-A to the Stanwood Water Company on January 14, 1958. Ground Water Certificate 2986-A authorized 600 gallons per minute and 960 acre-feet per year for domestic supply and industrial use. The legal description for the place of use is consistent with that described under number one in this Finding of Fact.

4. Ecology believes the information on the Proof of Appropriation form relating to water use was not representative of water put to full beneficial use. Another error, the notation on question 12 of the Proof of Appropriation form, indicates that water was only used during the months of July and August. This fact is not consistent with the original intent of the water right application to use water continuously for domestic and industrial use.

5. The Washington State Supreme Court's decision in George Theodoratus v. Ecology, 135 Wn.2d 582 P.2d 1241 (1998) contains holdings that effect such water rights. The Supreme Court held "that statutory and common law does not allow for a final certificate of water rights be issued based upon system capacity." In Theodoratus, the Supreme Court indicated that certificates issued absent beneficial use are ultra vires (without authority of law) to the extent that they quantify a right to water beyond the quantity that was actually put to beneficial use.

DETERMINATION AND ORDER

Based on the above, The Department of Ecology has DETERMINED that Ground Water Certificate 2986-A contains inchoate water and was issued in error. To correct the error, the Department of Ecology will rescind Ground Water Certificate 2986-A, and reinstate Ground Water Permit 4111. Ground Water Permit 4111 will be reactivated with the instantaneous quantity of 600 gallons per minute and the annual quantity of 960 acre-feet per year.

This report constitutes our Findings of Fact, Determination, and Order. This Order may be appealed. Your appeal must be filed with the Pollution Control Hearings Board, P.O. Box 40903, Olympia, WA 98504-0903 within thirty (30) days of the date this order was received. At the same time a copy of your appeal must be sent to the Department of Ecology, c/o Water Resources Program, The Appeals Coordinator, P.O. Box 47600, Olympia, WA 98504-7600. This order by itself shall not alter the recipient's right to use water, if any water right exists. Under RCW 43.21B.310 (2) the effect of this order is stayed during the pendency of an appeal to the Pollution Control Hearings Board.

DATED this 1st day of February, 2002

Daniel L. Swenson, Regional Supervisor
Water Resources Program
Northwest Regional Office
Department of Ecology

RECEIVED
SEP 2 1 2001
DEPT OF ECOLOGY

STATE OF WASHINGTON

APPLICATION FOR CHANGE/TRANSFER OF WATER RIGHT PERMIT

For filing with Ecology or with County Conservancy Boards

Fee pd. 10/2/01 $10.00

A MINIMUM FEE OF $10.00 PAYABLE TO ECOLOGY MUST ACCOMPANY THIS APPLICATION

(Check all that apply.)

- ☐ Change purpose(s) of use
- ☐ Add purpose(s) of use
- ☒ Change point(s) of diversion/withdrawal
- ☐ Add point(s) of diversion/withdrawal
- ☒ Change/transfer place of use
- ☐ Other (i.e. consolidation, intertie, trust water)

Explain:_____

FOR OFFICE USE ONLY

CHANGE No. ~~CG1-*01239C~~ CGW-4111P WRIA 5

DATE ACCEPTED 10 / 2 / 01 BY D.K.

FEE $ 10.00 REC'D 10 / 2 / 01

CHECK No. _____

SEPA: ☒ Exempt ☐ Not exempt

*****IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS (PLEASE PRINT OR TYPE CLEARLY)*****

1. Applicant Information:

APPLICANT/BUSINESS NAME	PHONE NO.	FAX NO.
City of Stanwood	(360) 629-4577	(360) 629-6294
ADDRESS 10220 270th Street NW		
CITY Stanwood	STATE WA	ZIP CODE 98292

CONTACT NAME (IF DIFFERENT FROM ABOVE)	PHONE NO.	FAX NO.
Bill Beckman, Public Works Director	( )	( )
ADDRESS Same as above		
CITY	STATE	ZIP CODE

2. Water Right Information:

WATER RIGHT OR CLAIM NUMBER	RECORDED NAME(S)
~~2986-A~~ 4111	Stanwood Water Company

DO YOU OWN THE RIGHT TO BE CHANGED? ☒ YES ☐ NO

IF NO, PROVIDE OWNER(S) NAME:

HAS THE WATER BEEN PUT TO BENEFICIAL USE IN THE LAST FIVE (5) YEARS? ☐ YES ☐ NO

See **Attachment A** for beneficial use explanation.
City of Stanwood's Comprehensive Water System Plan, including a Conservation Plan, is attached.

Please attach copies of any documentation that demonstrates consistent, historical use of water since the right was established. Also, if you have a water system plan or conservation plan, please include a copy with your application.

FOR OFFICE USE ONLY

APP. NO._____ PERMIT NO. 4111P CERT. NO. ~~2986~~ CERT. OF CHANGE NO._____

3. Point(s) of Diversion/Withdrawal:

A. Existing

SOURCE	NO.	¼	¼	SEC.	TWP.	RGE.	PARCEL #	WELL TAG #
Sill Well	S05	SE	NE	20	32N	4E	32042000101400	AGB786

B. Proposed

SOURCE	NO.	¼	¼	SEC.	TWP.	RGE.	PARCEL #	WELL TAG #
Cedarhome Well	-	SW	NE	20	32N	4E	20320410180002	-

DO YOU OWN THE EXISTING AND PROPOSED POINT(S) OF DIVERSION/WITHDRAWAL?

EXISTING: ☒ YES ☐ NO PROPOSED: ☒ YES ☐ NO – IF NO, PROVIDE OWNER(S) NAME:

Water Well Reports are included in **Attachment B**.
The distances from the nearest section corner to the above points of withdrawal are included in **Attachment A**.

Please include copies of all water well reports involved with this proposal. Also, if you know the distances from the nearest section corner to the above point(s) of diversion/withdrawal, please include that information in Item No. 6 (remarks) or as an attachment.

4. Purpose of Use:

A. Existing

PURPOSE OF USE	GPM or CFS	ACRE-FT/YR	PERIOD OF USE
Domestic Supply and Industrial Use	600 GPM	960	All Year

B. Proposed

PURPOSE OF USE	GPM or CFS	ACRE-FT/YR	PERIOD OF USE
Same as Existing	-	-	-

5. Place of Use:

A. Existing

LEGAL DESCRIPTION OF LANDS WHERE WATER IS PRESENTLY USED:
Towns of Stanwood and East Stanwood, Snohomish County, Washington

¼	¼	SEC.	TWP.	RGE.	COUNTY	PARCEL #	# OF ACRES

DO YOU OWN ALL THE LANDS IN THE EXISTING PLACE OF USE? ☐ YES ☒ NO – IF NO, PROVIDE OWNER(S) NAME:

Not applicable – municipal supply

B. Proposed

LEGAL DESCRIPTION OF LANDS WHERE NEW USE IS PROPOSED:
Area served by the City of Stanwood

¼	¼	SEC.	TWP.	RGE.	COUNTY	PARCEL #	# OF ACRES

DO YOU OWN ALL THE LANDS IN THE PROPOSED PLACE OF USE? ☐ YES ☒ NO – IF NO, PROVIDE OWNER(S) NAME:

Not applicable – municipal supply

Attach a detailed map of your proposed change/transfer. The map should show existing and proposed point(s) of diversion/withdrawal, place of use and any other features involved with this application. If platted property, please include a certified copy of the plat map.

See **Attachment E** for map.

Are there any ADDITIONAL WATER rights OR CLAIMS RELATED to the same property as the ONE PROPOSED FOR CHANGE/TRANSFER?
☐ YES ☒ NO – IF YES, PROVIDE THE WATER RIGHT/CLAIM NUMBER(S):

6. Remarks and Other Relevant Information:

See **Attachments A, C,** and **D.**

IF FOR SEASONAL OR TEMPORARY, START DATE ____/____/____ END DATE ____/____/____

7. Signatures:

I certify that the information above is true and accurate to the best of my knowledge. I understand that in order to process my application, I am hereby granting staff from the Department of Ecology or the County Conservancy Board access to the above site(s) for inspection and monitoring purposes. If assisted in the preparation of the above application, I understand that all responsibility for the accuracy of the information rests with me.

Bill Beckman PWD — 9/17/01
(Applicant) ***(Date)***

Bill Beckman — 9/17/01
(Water Right Holder) ***(Date)***

_____ ____/____/____
(Land Owner(s) of Existing Place of Use) ***(Date)***

IMPORTANT! APPLICATION FILING INFORMATION IS PROVIDED ON THE NEXT PAGE.

WE ARE RETURNING YOUR APPLICATION FOR THE FOLLOWING REASON(S):

☐ APPLICATION FEE NOT ENCLOSED ☐ MAP NOT INCLUDED or INCOMPLETE

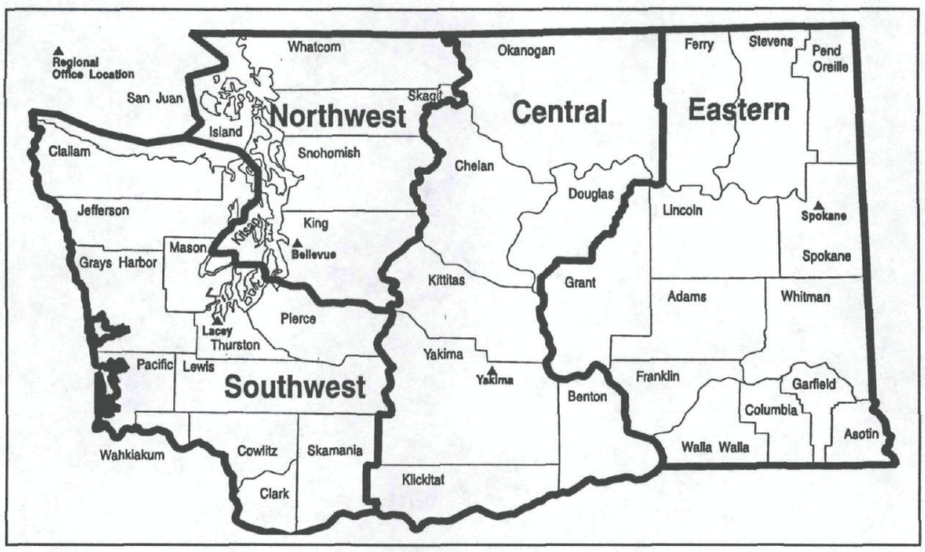
☐ ADDITIONAL SIGNATURES REQUIRED ☐ SECTION _____ IS INCOMPLETE

☐ OTHER/EXPLANATION:_____

STAFF: _____ ***DATE:*** ____/____/____

IMPORTANT!

Submit your application to Ecology at the regional office for the area of proposed or existing water use or at a Conservancy Board with jurisdiction. Below is a map of the State of Washington, with outlines of the four Ecology regional offices. If you have questions about your application or whether a County Conservancy Board with jurisdiction exists, contact the Water Resources program at the regional office in which your project is located.



Department of Ecology
Central Regional Office
15 W. Yakima Avenue, Suite 200
Yakima, WA 98902
Telephone: (509) 575-2490

Department of Ecology
Eastern Regional Office
N. 4601 Monroe, Suite 202
Spokane, WA 99205-1295
Telephone: (509) 456-2926

Department of Ecology
Northwest Regional Office
3190 – 160th Avenue SE
Bellevue, WA 98008-5452
Telephone: (425) 649-7000

Department of Ecology
Southwest Regional Office
PO Box 47775
Olympia, WA 98504-7775
Telephone: (360) 407-6300

Persons of disability needing assistance in the application process or those needing this application in an alternate format, may call (360) 407-6607 (voice) or (360) 407-6006 (TDD).

Ecology is an Equal Opportunity and Affirmative Action employer...

S. F. No. 736:—1-57—3M. 61578.

4239 4111

2986

CERTIFICATE RECORD NO. 6 PAGE NO. 2986-A

STATE OF WASHINGTON, COUNTY OF Snohomish

Certificate of Ground Water Right

Issued in accordance with the provisions of Chapter 263, Laws of Washington for 1945, and amendments thereto, and the rules and regulations of the State Supervisor of Water Resources thereunder.

THIS IS TO CERTIFY *That* STANWOOD WATER COMPANY

of Stanwood, Washington, *has made proof to the satisfaction of the State Supervisor of Water Resources of Washington, of a right to the use of the ground waters of a* well

located within the SE¼NE¼

Sec. 20, *Twp.* 32 *N., R.* 4 E., *W. M.*

for the purpose of domestic supply and industrial use

under and subject to provisions contained in Ground Water Permit No. 4111 *issued by the State Supervisor of Water Resources and that said right to the use of said ground waters has been perfected in accordance with the laws of Washington, and is hereby confirmed by the State Supervisor of Water Resources of Washington and entered of record in Volume* 6 *at page* 2986-A; *that the right hereby confirmed dates from* March 6, 1956; *that the quantity of ground water under the right hereby confirmed for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed* 600 gallons per minute; 960 acre-feet per year for domestic supply and industrial use.

A description of the lands to which such ground water right is appurtenant, and the place where such water is put to beneficial use, is as follows:

Towns of Stanwood and East Stanwood, Snohomish County, Washington.

61-*04239C

The right to the use of the ground water aforesaid hereby confirmed is restricted to the lands or place of use herein described, except as provided in Sections 6 and 7, Chapter 122, Laws of 1929.

WITNESS the seal and signature of the State Supervisor of Water Resources affixed this 14th *day of* January, 1968.

ENGINEERING DATA

State Supervisor of Water Resources.

S. F. No. 7354—8-54—5M. 39179.

STATE OF WASHINGTON

DEPARTMENT OF CONSERVATION AND DEVELOPMENT

DIVISION OF WATER RESOURCES

Permit to Appropriate Public Ground Waters of the State of Washington

Book No. 9 of Ground Water Permits, on page 4111 under Application No. 4239

STANWOOD WATER COMPANY

of Stanwood, Washington

is hereby granted a permit to appropriate the following described public ground waters of the State of Washington, subject to existing rights, and to the limitations and provisions set out herein.

Priority date of this permit is March 6, 1956

Source of the proposed ground water appropriation is a well

within ..... area, ... sub-area

..... zone. Name or number of works is .....

Quantity of water appropriated shall be limited to the amount which can be beneficially applied and not to exceed 1000 gallons per minute; 1600 acre-feet per year, to be used for the following purposes: domestic supply and industrial use

as more definitely set out below.

Location of the well, tunnel, or infiltration trench is N.25° east 550 feet from southwest corner of SE¼NE¼, sec.20

being within SE¼NE¼, sec.20, T.32 N.,R.4 E.W.M.

county of Snohomish

Use, or uses to which water is to be applied:

For municipal supply: ..... gallons per minute; ..... acre-feet per year, to supply .....

For irrigation: ..... gallons per minute; ..... acre-feet per year, for the irrigation of ..... acres.

For miscellaneous uses: 1000 gallons per minute; 1600 acre-feet per year, for domestic supply and industrial use.

LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

Towns of Stanwood and East Stanwood, Snohomish County, Washington.

DESCRIPTION OF WORKS FROM WHICH WATER IS TO BE WITHDRAWN

The well will be drilled and have a diameter of 12 inches, and depth of 230 feet.
(Dug or drilled)

Description of tunnel or infiltration trench:

(Please read carefully provisions below)

Particular specifications required by the Supervisor of Water Resources:

Construction work shall begin on or before Started

and shall thereafter be prosecuted with reasonable diligence and completed on or before Completed

and complete application of water to proposed use shall be made on or before November 1, 1957

Given under my hand and the seal of this office at Olympia, Washington, this 22d day of October, 1956.

M Walker
State Supervisor of Water Resources

Report of Examination on Ground Water

Received date 3-6-56 Date of exam. 7-11-56 Appli. No. 4239

Name Stanwood Water Co. (C. M. Olsen, Pres.) Address Stanwood, Washington

Type of works well Dimensions 12" X 230'

Progress of works complete and in use

Quantity ~~claimed or~~ applied for 1000 g.p.m. acre-feet per year

Legal sub SE¼NE¼ Sec. 20 Twp. 32 N. Rge. 4 E. County Snohomish

Use domestic supply and industrial use

Irrigation-acreage: Present Planned Feasible

Municipal: Population 1800 as of 1960

Industrial

Time pump will be operated continuously

Other water rights appurtenant to this land see below

Proximity to existing works, springs, wells, or streams Church Creek, 500' NW

Area Sub-area Zone

RECOMMENDATIONS

Approved for 1000 g.p.m. 1600 acre-feet per year, subject to existing water rights. (1 acre-foot 325,850 gallons.)

The Stanwood Water Co. now enjoys the following rights: G.W. Cert. #509-D, G.W. Cert. #615-A, G.W. Cert. #616 A, G.W. Permit #487, S.W. Cert. #1164, and S.W. Permit #4416

The water requirements of the town are calculated at a continual pumping rate of 1000 g.p.m., or 1600 acre-feet annually, consistent with beneficial domestic and industrial use, less any amount diverted to this land under the above listed existing rights.

The installation of an access port to well as described in attached Ground Water Bulletin No. 1, is recommended.

Signed this 17th day of July, 1956.

Dee Molenaar

DEE MOLENAAR, Geologist
Division of Water Resources

S. F. No. 370-B—11-55—75C. 43714.

3

$10.00 examination fee should accompany each application.

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION AND DEVELOPMENT
Division of Water Resources

RECEIVED MAR 6 1956 DIV. OF WATER RESOURCES

APPLICATION FOR A PERMIT

To Appropriate Public Ground Waters

OF THE STATE OF WASHINGTON

Application No. G. W. 4239

I, Stanwood Water Co
(Name of applicant)

of Stanwood Wash.
(Complete post office address)

do hereby make application for a permit to appropriate the following described public ground waters of the State of Washington, subject to existing rights. This application is made under the provisions of Chap. 263 of the Session Laws of 1945, and amendments thereto of the State of Washington and subject to the rules and regulations of the Department of Conservation and Development, Division of Water Resources.

1. *The proposed appropriation will be from* Well
(Well, tunnel, infiltration trench)

located 2 miles east of East Stanwood
(Give approximate distance and direction from nearest city or town)

Area ..... (Leave blank) *Sub-area* ..... (Leave blank)

Zone ..... (Leave blank)

Applicant's name or number of well or other works, if any Sill Well

2. *The quantity of water which applicant intends to withdraw for beneficial use is* 1000 *gallons per minute;* 1600 *acre feet per year.*

3. *The use or uses to which water is to be applied* domestic + industrial
(Domestic supply, irrigation, municipal, manufacturing, industrial use, etc.)

4. *The time during which water will be required each year* Continuously

5. *Location of well or other works for withdrawal of water: In county of* Snoh.

(a) N 25° E 550 ft. from SW Cor. of SE¼ of NE¼
(Give distance and bearing from nearest corner of section or legal subdivision)

being within the SE¼ of NE¼ *of Sec.* 20, *Twp.* 32 *N., Rge.* 4 E
(Give smallest legal subdivision) (E. or W.)

or (b) *If within limits of recorded platted property, town or city: Lot* ....., *Block* .....,

of .....
(Give name of plat or addition) (If within town or city, give name)

(c) *Show this location on accompanying section plat, in duplicate. Other adequate maps or drawings will be acceptable.*

OK RHR

6. DESCRIPTION OF WORKS:

(a) Well will be Drilled *and have a diameter of* 12 *inches and an estimated depth of* 230 *feet.*
(Dug or drilled)

(b) Tunnels or trenches to be described: (Attach additional sheets if needed for full description.)

(c) Distribution system to be described:

(d) If pumps are to be used, give size and type:

1000 gpm deep well Turbine

(e) Give capacity and type of motor or engine to be used:

75 H.P. 3ph motor

(f) If the location of the well, tunnel, or other works is less than one-fourth mile from a natural stream or stream channel, give the distance to the nearest point on each of such channels and the difference in elevation between the stream bed and the ground surface at the source of development:

(g) Ownership of each existing well or other works from which ground water is withdrawn within a radius of one-quarter mile and the distance and direction from well or other works being reported herein:

(Name)	(Direction)	(Distance)
(Name)	(Direction)	(Distance)
(Name)	(Direction)	(Distance)

SUPPLY THE FOLLOWING INFORMATION ACCORDING TO USE PROPOSED:

7. *For Municipal Supply: To supply the city, town, or community of* Stanwood + E. Stanwood, *in the county of* Snoh., *having a present population of* 1500, *and an estimated population of* 1800, *in 19*60

8. *For Irrigation: Number of acres to be irrigated* ..... *acres.*

9. *Legal Description of Property on which water is to be used for all purposes other than municipal supply:*

(Copy legal description from deed)
(If more space is required, attach separate sheet)

(On accompanying plat show location of the existing wells or works)

10. *What interest do you have in the above described property?*

(Owner, lessee, contract buyer, etc.)

11. *Do you have any other water rights appurtenant to the above described property?* no

If so, from what source?

12. *Construction work will begin on or before* Completed

13. *Construction work will be completed on or before*

14. *Water will be put to complete beneficial use on or before* July 1 1956

(Signature of applicant)

15. *Name and address of owner of land on which well or works are located:*

Stanwood Water Co
(Name)

Stanwood Wash.
(Address)

Stanwood Water Co
Pres.
(Signature of legal landowner)

Signed in the presence of us as witnesses:

Nina F Howard
(Name)

Stanwood Wash.
(Address of witness)

Clifford B Myron
(Name)

do
(Address of witness)

STATE OF WASHINGTON,
COUNTY OF THURSTON. } *ss.*

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for correction or completion as follows:

In order to retain its priority, this application must be returned to the State Supervisor of Water Resources, with corrections, on or before....., *19*.....

WITNESS my hand this.....*day of*....., *19*.....

State Supervisor of Water Resources.

DIRECTIONS FOR PREPARING APPLICATIONS

1. Initial examination fee of $10.00 should accompany each application. If additional fee is required, you will be notified.

2. Write plainly in ink or use typewriter.

3. Read carefully all questions. Answer only those that apply to your project.

4. Under Question 2 estimate in gallons per minute and acre-feet per year the quantity of water that will be required for your proposed use.

5. Maps, showing the location of well or other works and place of use, must be made in duplicate on the enclosed section plats. If for irrigation, show the approximate area to be irrigated. Show also location of other existing wells or other works for withdrawing ground water within a radius of one-quarter mile.

6. In answering Question 5, give the distance and direction of location of well or other construction works for withdrawal of water from the nearest 40-acre corner or other legal subdivision, as

"320 feet north and 1100 feet east from the southwest corner of Sec. 1, Twp. 13 N., Rge. 2 E.W.M.," or

"North 36° 20′ east 500 feet from the northeast corner of NW¼ of SW¼ of Sec. 33, Twp. 12 N., Rge. 3 E.W.M.," or

If within the limits of incorporated town or city:

"Lot 4, Block 6 of Churchill's Addition to the City of Spokane, Washington."

7. Be sure to give on the map brief directions for driving to the location of the well or other works from some town or easily located point on a state highway. This is for our convenience in making the examination.

8. If you have been using ground water since **before** June 7, 1945, it will not be necessary to secure a permit from the state for this purpose.

9. Sign application on the line indicated under Section 14.

SCHEDULE OF FEES DUE IN CONNECTION WITH OBTAINING GROUND WATER RIGHTS

Examination Fees: There is a minimum fee of $10.00 for each application received. This fee covers all withdrawals up to and including 2250 gallons per minute. There is an additional examination fee of $2.00 for each 450 gallons per minute, or fraction thereof, over 2250 gallons per minute.

Fees for Filing and Recording Permits: There is a minimum fee of $4.00 for filing and recording permit. This fee covers irrigation of up to and including 20 acres.

For irrigation of over 20 acres, there is an additional fee as follows:

20¢ per acre over 20 acres to 100 acres, inclusive;

10¢ per acre over 100 acres to 1000 acres, inclusive;

5¢ per acre over 1000 acres.

Permit fee for other uses: Twice the examination fee.

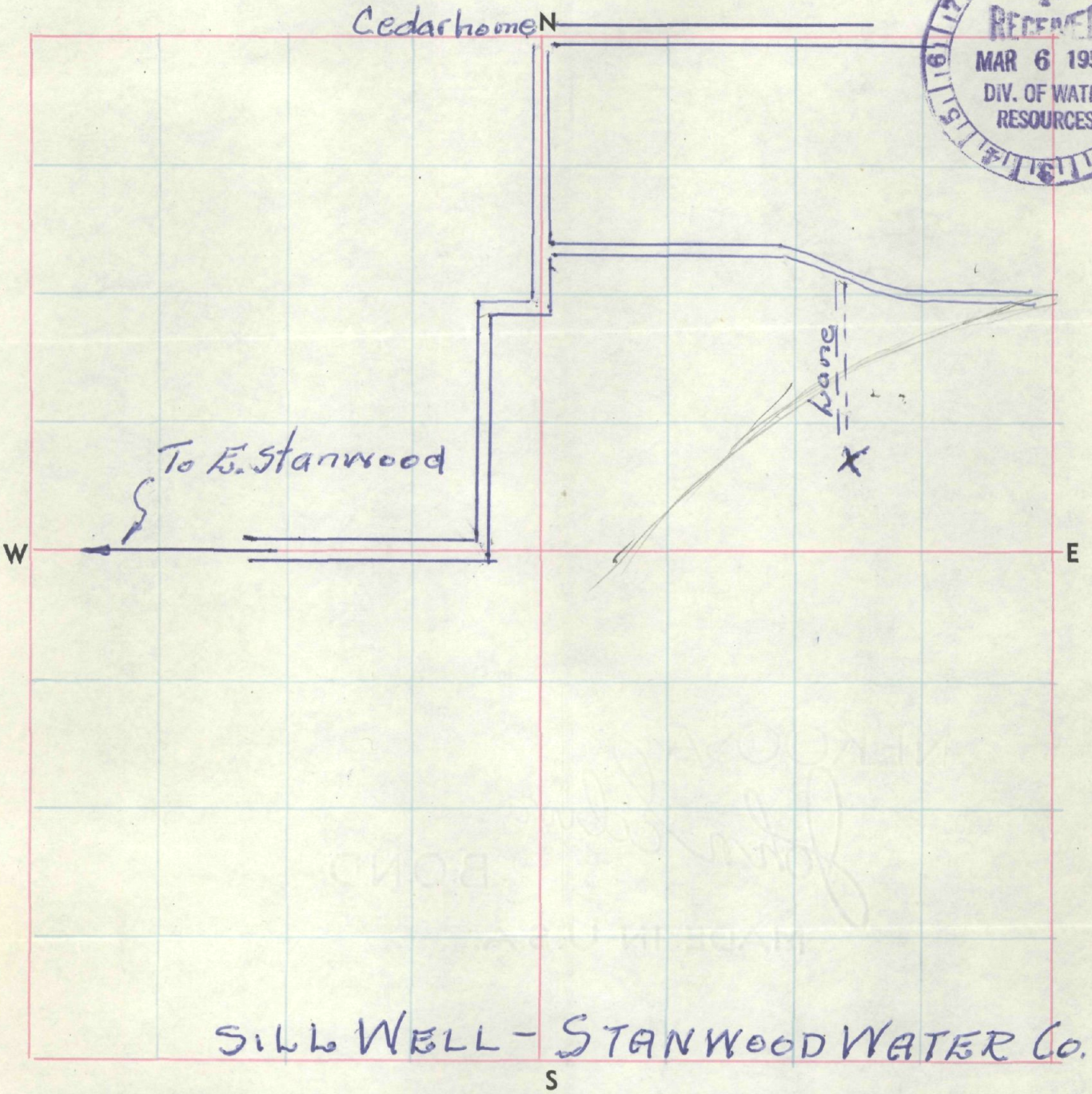
Fee for filing and recording certificate: There is a minimum fee of $3.00.

S. F. No. 1854-B—1-53—10M. 33465.

SECTION PLAT

Sec. 20 Twp. ~~30~~ 32 N. R. ~~3~~ 4 E W.M.

RECEIVED
MAR 6 1956
DIV. OF WATER RESOURCES



Show by a cross (X) the location of the well or other works covered by the application. Show by circle (O) the locations of other wells or works within a quarter of a mile. Also indicate traveling directions from nearest town on main highway.

Scale: 1 inch = 800 feet.

Determine water requts.

4239

GROUNDWATER APPLICATION G1-26964A

CEDARHOME WELL

WASHINGTON STATE DEPARTMENT OF ECOLOGY

APPLICATION FOR PERMIT
TO APPROPRIATE PUBLIC WATERS OF THE STATE OF WASHINGTON

RECEIVED FEB 24 1993 DEPT. OF ECOLOGY

I have examined this application as required by SEPA and find that it is: ☐ not an "action". ☑ categorically exempt.

2/26/93 DATE — Sheila Baker SIGNATURE

☐ SURFACE WATER ☐ GROUND WATER

$10.00 MINIMUM STATUTORY EXAMINATION FEE REQUIRED WITH APPLICATION

(GRAY BOXES FOR OFFICE USE ONLY)

APPLICATION NO.	W.R.I.A.	COUNTY	PRIORITY DATE	TIME	ACCEPTED
G1-26964	5	Sno	2/24/93		SB

APPLICANT'S NAME — PLEASE PRINT
City of Stanwood Attention Bill Beckman, Water Manager
Robert C. Boudinot, Jr., Engineer

Bus. Tel. 206-629-9781
Home Tel.
Other Tel. 206-336-5751

ADDRESS (STREET)	(CITY)	(STATE)	(ZIP CODE)
10220 270th Street NW,	Stanwood	WA	98292

DATE & PLACE OF INCORPORATION IF APPLICANT IS A CORPORATION

1. SOURCE OF SUPPLY

IF SURFACE WATER	IF GROUND WATER
SOURCE (NAME OF STREAM, LAKE, SPRING, ETC.) (IF UNNAMED, SO STATE)	SOURCE (WELL, TUNNEL, INFILTRATION TRENCH, ETC.) Well
TRIBUTARY	SIZE AND DEPTH 12" Casing - 100' below sea level

2. USE

USE TO WHICH WATER IS TO BE APPLIED (DOMESTIC SUPPLY, IRRIGATION, MINING, MANUFACTURING, ETC.)
Municipal, Industrial

ENTER QUANTITY OF WATER REQUESTED USING UNITS OF:	CUBIC FEET PER SECOND (CFS)	OR	GALLONS PER MINUTE (GPM) 1000 gpm	ACRE FEET PER YEAR

TIMES DURING YEAR WATER WILL BE REQUIRED
Continuous

IF IRRIGATION, NUMBER OF ACRES	IF DOMESTIC USE, NUMBER OF UNITS BY TYPE, E.G. 1-HOME, 1-MOBILE HOME, 2-CAMPSITES, ETC.	IF MUNICIPAL USE, ESTIMATED POPULATION 20 YEARS FROM TODAY 9500
DATE PROJECT WAS OR WILL BE STARTED	DATE PROJECT WAS OR WILL BE COMPLETED	

3. LOCATION OF POINT OF DIVERSION/WITHDRAWAL

3A. IF IN PLATTED PROPERTY

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)	SECTION	TOWN	RANGE	ALSO, PLEASE ENCLOSE A COPY OF THE PLAT AND MARK THE POINT(S) OF WITHDRAWAL OR DIVERSION

3B. IF NOT IN PLATTED PROPERTY

ON ACCOMPANYING SECTION MAPS, ACCURATELY MARK AND IDENTIFY EACH POINT OF DIVERSION, SHOW NORTH-SOUTH AND EAST-WEST DISTANCES FROM NEAREST SECTION CORNER OR PROPERTY CORNER

ALSO, ENTER BELOW THE DISTANCES FROM THE NEAREST SECTION OR PROPERTY CORNER TO THE DIVERSION OR WITHDRAWAL.

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION)	SECTION	TOWNSHIP N.	RANGE (E. OR W.) W.M.	COUNTY
SW 1/4 of NE 1/4	20	32 N	4 E	Snohomish

4. DO YOU OWN THE LAND ON WHICH THIS SOURCE IS LOCATED. IF NOT, INSERT NAME & ADDRESS OF OWNER

Stanwood School District P. O. Box 430 Stanwood, WA 98292

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

ATTACH A COPY OF THE LEGAL DESCRIPTION OF THE PROPERTY (ON WHICH THE WATER WILL BE USED) TAKEN FROM **A REAL ESTATE CONTRACT, PROPERTY DEED OR TITLE INSURANCE POLICY.** OR, COPY CAREFULLY IN THE SPACE BELOW.

City of Stanwood water service area, all of Sections 17, 18, 19, 20, 29, 31, 32, and portions of Sections 16, 21, 28 and 33 of Township 32 North, Range 4 East, W.M.

WHAT IS YOUR INTEREST IN THE PROPERTY ON WHICH THE WATER IS TO BE USED (PROPERTY OWNER, LESSEE, CONTRACT PURCHASER, ETC.)

City of Stanwood water service area

ARE THERE ANY EXISTING WATER RIGHTS RELATED TO THE LAND ON WHICH THE WATER IS TO BE USED (INCLUDING WATER PROVIDED BY IRRIGATION DISTRICTS OR DITCH COMPANIES.) [X] YES [ ] NO

IF YES, FROM WHAT SOURCE (i.e. SURFACE OR GROUND WATER) AND UNDER WHAT AUTHORITY

GW Permit Numbers 670, 967, 1234, 4111

6. DESCRIPTION OF SYSTEM PROPOSED OR INSTALLED

(FOR EXAMPLE: SIZE OF PUMP, CAPACITY OF PUMP, PUMP MOTOR HORSE POWER, PIPE DIAMETER, NUMBER OF SPRINKLERS, ETC.

Pump: 80 HP 1000 gpm at 450' head; 12" Casing Pipe

REMARKS

7.

8. COMPLETE THIS SECTION ONLY IF THIS APPLICATION INCLUDES IRRIGATION AS A USE

IN ORDER TO IMPLEMENT THE PROVISIONS OF INITIATIVE MEASURE NUMBER 59, THE FAMILY FARM WATER ACT WHICH WAS PASSED BY THE VOTERS ON NOVEMBER 3, 1977, WE MUST ASK THE FOLLOWING QUESTIONS:

DOES THE TOTAL NUMBER OF ACRES IN WHICH YOU HAVE CONTROLLING INTEREST IN THE STATE OF WASHINGTON EXCEED 2000 ACRES FOR THE FOLLOWING THREE CATEGORIES:

1. LANDS THAT ARE BEING IRRIGATED UNDER WATER RIGHTS ACQUIRED AFTER DECEMBER 8, 1977. YES [ ] NO [ ]
2. LANDS THAT MAY BE IRRIGATED UNDER APPLICATIONS NOW ON FILE WITH THE DEPARTMENT OF ECOLOGY. YES [ ] NO [ ]
3. LANDS THAT MAY BE IRRIGATED UNDER THIS APPLICATION. YES [ ] NO [ ]

IF 10 ACRE-FEET OR MORE OF WATER IS TO BE STORED AND/OR IF THE WATER DEPTH WILL BE 10 FEET OR MORE AT THE DEEPEST POINT, A STORAGE PERMIT MUST BE FILED IN ADDITION TO THIS PERMIT. THESE FORMS CAN BE SECURED, TOGETHER WITH INSTRUCTIONS, FROM THE DEPARTMENT OF ECOLOGY.

SIGNATURES

Robert M Larson - Mayor
APPLICANT'S SIGNATURE

Stanwood School Dist. #401
LEGAL LANDOWNERS NAME (PLEASE PRINT)

Raymond P. Reid
LEGAL LANDOWNER'S SIGNATURE (OWNER OF PROPERTY DESCRIBED IN ITEM NUMBER 5)

P.O. Box 430 Stanwood, WA 98292
LEGAL LANDOWNER'S ADDRESS

FOR OFFICE USE ONLY

STATE OF WASHINGTON
DEPARATMENT OF ECOLOGY } ss.

This is to certify that I have examined this application together with the accompanying maps and data, and am returning it for correction or completion as follows: .....

.....

.....

In order to retain its priority date, this application must be returned to the Department of Ecology, with corrections, on or before ....., *19*.....

Witness my hand this ..... *day of* ....., *19*.....

.....
Department of Ecology

ECY 040-1-14
Rev. 8/91 F

STANWOOD CITY OF
c/o KEVIN HUSHAGEN
10220 270TH ST NW
STANWOOD, WA 98292

DOCUMENT TITLE: SUPERSEDING CERTIFICATE OF WATER RIGHT

REFERENCE NUMBER:

GRANTOR
STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
ECOLOGY NORTHWEST REGIONAL OFFICE (ECY NWRO)
3190 - 160TH AVE SE
BELLEVUE, WASHINGTON 98008-5452
(425) 649-7000

GRANTEE
STANWOOD CITY OF
10220 270TH ST NW
STANWOOD, WA 98292

LEGAL DESCRIPTION

Source Name	Parcel	Township	Range	Sec	QQ Q
Fure Well (S04)	32042000400400	32 N	04 E	20	NW SE
Bryant No. 1 Well (S02)	32042900100600	32 N	04 E	29	NW NE
Bryant No. 3 Well (NA)	32042900103200	32 N	04 E	29	NW NE
Cedarhome Well (S07)	32042000101800	32 N	04 E	20	SW NE

AUTHORIZED PLACE OF USE
The place of use (POU) of this water right is the service area for the City of Stanwood 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.

PARCELS: 32042000400400, 32042900100600, 32042900103200, and 32042000101800

ADDITIONAL LEGAL IS ON PAGE 2 OF ATTACHED DOCUMENT

State of Washington
Department of Ecology

SUPERSEDING CERTIFICATE OF WATER RIGHT

This is to certify that the herein named applicant has made proof to the satisfaction of the Department of Ecology of a right to the use of the public waters of the State of Washington as herein defined, and under and specifically subject to the provisions contained in the Permit issued by the Department of Ecology, and that said right to the use of said waters has been perfected in accordance with the laws of the State of Washington, and is hereby confirmed by the Department of Ecology and entered of record as shown, but is limited to an amount actually beneficially used.

This certificate supersedes Water Right Certificate GWC 616 [G1-*01067C] issued on May 14, 1951and is subject to the following provisions.

PRIORITY DATE	APPLICATION NUMBER	PERMIT NUMBER	CERTIFICATE NUMBER
February 11, 1949	01067	00976	GWC 616 [G1-*01067C]

MAILING ADDRESS
STANWOOD CITY
10220 270TH ST NW
STANWOOD WA 98292

SITE ADDRESS (IF DIFFERENT)

Legal Description Continues on Page 2

Quantity Authorized for Withdrawal or Diversion

WITHDRAWAL OR DIVERSION RATE	UNITS	ANNUAL QUANTITY (AF/YR)
150	GPM	121

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

Purpose

PURPOSE	WITHDRAWAL OR DIVERSION RATE ADDITIVE	WITHDRAWAL OR DIVERSION RATE NON-ADDITIVE	UNITS	ANNUAL QUANTITY (AF/YR) ADDITIVE	ANNUAL QUANTITY (AF/YR) NON-ADDITIVE	PERIOD OF USE (mm/dd)
Municipal	150			121		01/01 - 12/31

IRRIGATED ACRES ADDITIVE	IRRIGATED ACRES NON-ADDITIVE	PUBLIC WATER SYSTEM INFORMATION WATER SYSTEM ID	PUBLIC WATER SYSTEM INFORMATION CONNECTIONS
		83650H	3046

Source Location

COUNTY	WATERBODY	TRIBUTARY TO	WATER RESOURCE INVENTORY AREA
SNOHOMISH	GROUNDWATER		5-STILLAGUAMISH

SOURCE FACILITY/DEVICE	PARCEL	WELL TAG	TWP	RNG	SEC	QQ Q	LATITUDE	LONGITUDE
Fure Well (S04)	32042000400400	AGB785	32N	04E	20	NWSE	48.2453	-122.3248
Bryant No. 1 Well (S02)	32042900100600	AGB783	32N	04E	29	NWNE	48.2389	-122.3245
Bryant No. 3 Well (NA)	32042900103200	APF990	32N	04E	29	NWNE	48.2389	-122.3235
Cedarhome Well (S07)	32042000101800	ABV299	32N	04E	20	SWNE	48.2489	-122.3200

Datum: NAD83/WGS84

Place of Use

PARCELS (NOT LISTED FOR SERVICE AREAS)

LEGAL DESCRIPTION OF AUTHORIZED PLACE OF USE

The place of use (POU) of this water right is the service area for the City of Stanwood 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.

Measurement of Water Use

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

Provisions

Seawater Intrusion Monitoring

Chloride and conductivity measurements as well as depth to static water level (pump off), measured from the top of the well casing, shall be made on each production well in April and again in August of each year. The chloride and conductivity analysis shall be performed by a state-accredited laboratory. A copy of the laboratory results for all sampling events shall be submitted by October 15 of each year, to the Department of Ecology, Northwest Regional Office, Bellevue, Washington.

Water Level Monitoring
Depth to water measurements shall be taken in all points of withdrawal once a month. The depth to water should be measured from a datum, such as the top of the access port or well casing. This should be measure from the top of the well casing. Ecology shall be provided with the data upon request.

Wells, Well Logs and Well Construction Standards
All wells constructed in the state shall 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 shall be decommissioned.

All wells shall 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 shall 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.

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.

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 Northwest Drinking Water Operations, 20435 72nd Avenue S, Suite 200, K17-12, Kent, WA 98032-2358, (253) 396-6750.

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, shall 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.

Given under my hand and the seal of this office at Bellevue, Washington, this 5th *day of* March, *2015.*

Maia Bellon, Director
Department of Ecology

DATA REVIEW
OK

Tom Buroker, Section Manager
Northwest Regional Office
Water Resources Program

To request ADA accommodation including materials in a format for the visually impaired, call Ecology Water Resources Program at 360-407-6872. Persons with impaired hearing may call Washington Relay Service at 711. Persons with speech disability may call TTY at 877-833-6341