CLAIM OF BENEFICIAL USE for Groundwater Permits claiming more than 0.1 cfs

OREGON WATER RESOURCES DEPARTMENT
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.oregon.gov/OWRD

Received
SEP 24 2025
OWRD

A fee of $345 must accompany this form for permits with priority dates of July 9, 1987, or later.

A separate form shall be completed for each permit.

In cases where a permit has been amended through the permit amendment process, a separate claim for the permit amendment is not required. Incorporate the permit amendment into the claim for the permit.

This form is subject to revision. **Begin each new claim** by checking for a new version of this form at: https://www.oregon.gov/OWRD/Forms/Pages/default.aspx
The completion of this form is required by OAR 690-014-0100(1) and 690-014-0110(4).

Please type or print in dark ink. If this form is found to contain errors or omissions, it may be returned to you. **Every item must have a response.** If any requested information does not apply to the claim, insert "NA." **Do not delete or alter any section of this form unless directed by the form.** The Department may require the submittal of additional information from any water user or authorized agent.

"Section 8" of this form is intended to aid in the completion of this form and should not be submitted.

A claim of beneficial use includes both this report and a map. If the map is being mailed separately from this form, please include a note with this form indicating such.

If you have questions regarding the completion of this form, please call 503-979-9103.

The Department has a program that allows it to enter into a voluntary agreement with an applicant for expedited services. Under such an agreement, the applicant pays the cost to hire additional staff that would not otherwise be available. This program means a certificate may be issued in about a month. For more information on this program see https://www.oregon.gov/OWRD/programs/WaterRights/RA/Pages/default.aspx

SECTION 1

GENERAL INFORMATION

1. File Information:

APPLICATION #	PERMIT # (IF APPLICABLE)	PERMIT AMENDMENT # (IF APPLICABLE)
G-14066	G-17484	T-11928

2. Property Owner (current owner information):

Applicant/Business Name		Phone No.	Additional Contact No.
City of Dundee			
Address			
PO Box 220			
City	State	Zip	E-Mail
Dundee	OR	97115	

If the current property owner is not the permit holder of record, it is recommended that an assignment be filed with the Department. ***Each*** *permit holder of record must sign this form.*

3. Permit holder of record (this may, or may not, be the current property owner):

Permit Holder of Record		
City of Dundee		
Address		
PO Box 220		
City	State	Zip
Dundee	OR	97115

Received
SEP 24 2025
OWRD

~~Additional Permit Holder of Record~~		
~~Address~~		
~~City~~	~~State~~	~~Zip~~

4. Date of Site Inspection:

March 18, 2025

5. Person(s) interviewed and description of their association with the project:

Name	Date	Association with the Project
Steve Dahl	**Feb-Mar 2025**	**City Administrator**
Chuck Simpson	**Feb-Mar 2025**	**Public Works Superintendent**

6. County:

Yamhill

~~7. If any property described in the place of use of the permit is excluded from this report, identify the owner of record for that property (ORS 537.230(5)):~~

~~Owner of Record~~		
NA		
~~Address~~		
~~City~~	~~State~~	~~Zip~~

~~Add additional tables for owners of record as needed~~

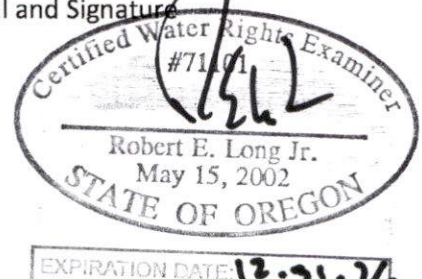
SECTION 2

SIGNATURES

CWRE Statement, Seal and Signature

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge.

Seal and Signature



CWRE NAME		PHONE NO.	ADDITIONAL CONTACT NO.
Robert Long, JR		**503-954-1326**	
ADDRESS			
311 B Ave, Suite P			
CITY	STATE	ZIP	E-MAIL
Lake Oswego	**OREGON**	**97034**	**bob.long@cwmh2o.com**

Permit Holder of Record Signature or Acknowledgement

Each *permit holder of record must sign this form in the space provided below.*

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge. I request that the Department issue a water right certificate.

SIGNATURE	PRINT OR TYPE NAME	TITLE	DATE
	Brandon Hamilton	**Interim City Administrator**	9/17/2025

Received
SEP 24 2025
OWRD

SECTION 3

CLAIM DESCRIPTION

1. Point of appropriation name or number:

Point of Appropriation (POA) Name or Number (correspond to map)	Well Log ID # For All Work Performed on the Well (if applicable)	Well Tag # (if applicable)
POA 2	YAMH-54149/YAMH-56803	77100

*Permit G-17484 has 2 well locations, POA 1 was never developed.

Attach each well log available for the well (include the log for the original well and any subsequent alterations, reconstructions, or deepenings) **Attachment 1**

2. Point of appropriation source, if indicated on permit:

POA Name or Number	Source Basin Located Within	Tributary
POA 2	CRBG, Harvey Creek	

3. Developed use(s), period of use, and rate for each use:

POA Name or Number	Uses	If Irrigation, List Crop Type	Season or Months When Water was Used	Actual Rate or Volume Used (CFS, GPM, or AF)
POA 2	Municipal	NA	Year-round	**0.5 cfs**
Total Quantity of Water Used				**0.5 cfs**

4. Provide a general narrative description of the distribution works. This description must trace the water system from **each** point of appropriation to the place of use:

Water appropriated from the POA 2 is treated with chlorine in a 6,000-gallon Clearwell and then pumped to the City's Upper Pressure zone reservoir (0.2 MG) via a 440-gpm capacity clearwell booster pump.

Reminder: The map associated with this claim must identify the location of the point(s) of diversion, Donation Land Claims (DLC), Government Lots (GLot), and Quarter-Quarters (QQ).

5. Variations:

Was the use developed differently from what was authorized by the permit, permit amendment final order, or extension final order? If yes, describe below. **YES** **NO**

(e.g. *"The permit allowed three points of appropriation. The water user only developed one of the points."* or *"The permit allowed 40.0 acres of irrigation. The water user only developed 10.0 acres."*)

Permit G-17484 allowed two points of appropriation. The City only developed one of the points (POA-2).

6. Claim Summary:

POA Name or #	Maximum Rate Authorized	Calculated Theoretical Rate Based on System	Amount of Water Measured*	Use	# of Acres Allowed	# of Acres Developed
POA 2	0.50 cfs	1.77 cfs	N/A	Municipal	-	-

***Water use based on records reported by City**

Received
SEP 24 2025
OWRD

SECTION 4

SYSTEM DESCRIPTION

Are there multiple POAs? YES **NO**

If *"YES"* you will need to copy and complete a separate Section 4 for each POA.

POA Name or Number this section describes (only needed if there is more than one):

POA 2 (City Well 11/13)

A. Place of Use

1. Is the right for municipal use? **YES** NO

If "YES" the table below may be deleted.

Reminder: The map associated with this claim must identify Donation Land Claims (DLC), Government Lots (GLot), Quarter Quarters (QQ), and if for irrigation, the number of acres irrigated within each projected DLC, GLot, and QQ.

B. Groundwater Source Information (Well)

1. Is the appropriation from a well? **YES** NO

If "NO", items 2 through 4 relating to this section may be deleted.

2. Describe the access port (type and location) or other means to measure the water level in the well:

The well has an access port at the wellhead as well as a pressure transducer that constantly monitors the water level

~~3. If well logs are not available, provide as much of the following information as possible:~~

~~Casing Diameter~~	~~Casing Depth~~	~~Total Depth~~	~~Completion Date of Original Well~~	~~Completion Dates of Alterations~~	~~Who the well was drilled for~~	~~Well drilled by~~
NA						

4. In addition to the information requested in item "3" above, provide any other information which may help the Department locate any well logs associated with this appropriation.

Well Log Attached for YAMH-56803

~~C. Groundwater Source Information (Sump)~~

1. Is the appropriation from a dug well (sump)? YES **NO**

D. Diversion and Delivery System Information

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport and apply the water from the point of appropriation to the place of use.

1. Is a pump used? **YES** **NO**

If "NO" items 2 through item 6 may be deleted.

2. Pump Information:

Manufacturer	Model	Serial Number	Type (centrifugal, turbine or submersible)	Intake size	Discharge size
Grundfos	**230S400-10**	**Unknown**	**Submersible**	**4"**	**4"**

3. Motor Information:

Manufacturer	Horsepower
Unknown	**40 HP**

4. Theoretical Pump Capacity:

Horsepower	Operating PSI	Lift from Source to Pump *If a well, the water level during pumping	Lift from Pump to Place of Use	Total Pump Output (in cfs)
40	**50**	**70**	**-45**	**1.77**

5. Provide pump calculations:

Q Pump = $\frac{(40\ hp)(7.04 ft^4/sec/hp)}{(159.5\ ft)}$ = 1.77 cfs

6. Measured Pump Capacity (using meter if meter was present and system was operating):

Initial Meter Reading	Ending Meter Reading	Duration of Time Observed	Total Pump Output (in cfs)
NA	**NA**	**NA**	**NA**

**It was not possible to view active pumping during the site visit because the City's wells operate as-needed to maintain appropriate reservoir levels.*

Reminder: For pump calculations use the reference information at the end of this document.

7. Is the distribution system piped? **YES** **NO**

If "NO" items 8 through item 13 may be deleted.

8. Mainline Information[1]:

Mainline Size	Length (ft)	Type of Pipe[2]	Buried or Above Ground
3"	13,651	Galvanized Iron, PVC	Buried
4"	18,609	Ductile Iron, Steel, Asbestos Cement, Galvanized Iron	Buried
6"	30,074	Ductile Iron, Cast Iron, Steel, Asbestos Cement	Buried
8"	47,950	Ductile Iron, Cast Iron, Steel, Asbestos Cement	Buried
10"	1,690	Cast Iron, Steel	Buried
12"	5,508	Ductile Iron, Asbestos Cement	Buried

1: Mainline information based on 2016 WSMP. The City planned to replace asbestos cement pipe.
2: The City's distribution system is composed of many different types of pipe. Each type is broken down by diameter in the table.

~~**9. Lateral or Handline Information:**~~

~~Lateral or Handline Size~~	~~Length~~	~~Type of Pipe~~	~~Buried or Above Ground~~

~~**10. Sprinkler Information:**~~

~~Size~~	~~Operating PSI~~	~~Sprinkler Output (GPM)~~	~~Total Number of Sprinklers~~	~~Maximum Number Used~~	~~Total Sprinkler Output (cfs)~~

Reminder: For sprinkler output determination use the reference information at the end of this document.

~~**11. Drip Emitter Information:**~~

~~Size~~	~~Operating PSI~~	~~Emitter Output (GPM)~~	~~Total Number of Emitters~~	~~Maximum Number Used~~	~~Total Emitter Output (cfs)~~

~~**12. Drip Tape Information:**~~

~~Dripper Spacing in inches~~	~~GPM per 100 Feet~~	~~Total Length of Tape~~	~~Maximum length of Tape Used~~	~~Total Tape Output (cfs)~~	~~Additional Information~~

~~**13. Pivot Information:**~~

~~Manufacturer~~	~~Maximum Wetted Radius~~	~~Operating PSI~~	~~Total Pivot Output (GPM)~~	~~Total Pivot Output (cfs)~~

E. Storage

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir)? **YES** **NO**

If "NO", item 2 and 3 relating to this section may be deleted.

If "YES" is it a: Storage Tank **YES** **NO**
Bulge in System / Reservoir **YES** **NO**

Complete appropriate table(s), unused table may be deleted.

Received
SEP 24 2025
OWRD

2. Storage Tank:

Material (concrete, fiberglass, metal, etc.)	Capacity (in gallons)	Above Ground or Buried
Steel	200,000	Above
Steel	400,000	Above
Concrete	400,000	Partially Buried

3. Bulge in System / Reservoir:

Reservoir Name or Number (correspond to map)	Approximate Dam Height	Approximate Capacity (in acre feet)
Clearwell	NA	0.02

F. Gravity Flow Pipe

(The Department typically uses the Hazen-William's formula for a gravity flow pipe system)

1. Does the system involve a gravity flow pipe? YES **NO**

G. Gravity Flow Canal or Ditch

(The Department typically uses Manning's formula for canals and ditches)

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system? YES **NO**

H. Additional notes or comments related to the system:

SECTION 5

CONDITIONS

All conditions contained in the permit, permit amendment, or any extension final order shall be addressed. Reports that do not address all performance related conditions will be returned.

1. Time Limits:

Permits and extension final orders contain any or all of the following dates: the date when the actual construction work was to begin, the date when the construction was to be completed, and the date when the complete application of water to the proposed use was to be completed. These dates may be referred to as ABC dates. Describe how the water user has complied with each of the development timelines established in the permit or permit extension order:

	Date from Permit	Date Accomplished[1]	Description of Actions Taken by Water User to Comply with the Time Limits
Issuance Date	8/29/1996		
Begin construction (A)	8/28/1997[2]	4/18/2005	Well constructed within the extended permit timeline
Complete construction (B)	10/1/1998[2]	6/23/2005	
Complete application of water (C)	10/1/1999[2] (10/1/2025)[3]	2019	Well provides water to City's water system

1: Must be within period between permit, or any extension final order issuance and the date to completely apply water

2: Dates A, B, and C are from the original permit (G-12736)

3: The extended C date is from the extension final order issued for Permit G-12736 on 9/29/2006.

2. Is there an extension final order(s)? **YES** **NO**

If "NO", items a and b relating to this section may be deleted.

a. Did the Extension Final Order require the submittal of Progress Reports? **YES** **NO**

If "NO", item b relating to this section may be deleted.

3. Initial Water Level Measurements:

a. Was the water user required to submit an initial static water level measurement? **YES** **NO**

If "NO", items b through d relating to this section may be deleted.

b. What month was the initial measurement to be taken in?

NA

c. Was the measurement submitted to the Department? **YES** **NO**

d. If the initial measurement was not submitted, provide that measurement now, if available:

Date of Measurement	Measurement Made By	Method	Measurement
NA	NA	NA	NA

Received
SEP 24 2025
OWRD

4. Annual Static Water Level Measurements:

a. Was the water user required to submit annual static water level measurements? **YES** **NO**

March Water Levels submitted in: 2024, 2023, 2009, 2008, 2007

If "NO", items b through e relating to this section may be deleted.

b. Provide the month, or months, the static water level measurement(s) were to be made:
March

c. Were the static water level measurements taken in the month(s) required? **YES** **NO**

d. If "YES", were those measurements submitted to the Department? **YES** **NO**

e. If the annual measurements were not submitted, provide the measurements now:

Date of Measurement	Measurement Made By	Method	Measurement
NA	NA	NA	NA

5. Pump Test:

a. Did the permit require the submittal of a pump test? **YES** **NO**

Ground water permits with priority dates on or after **December 20, 1988**, require the submittal of a pump test prior to issuance of a certificate. In some cases, the permit holder may qualify for a multiple well exemption or an unreasonable burden exemption.

For additional information regarding pump tests see:
https://www.oregon.gov/OWRD/programs/GWWL/GW/Pages/PumpTestProgram.aspx

If "NO", items b through e relating to this section may be deleted.

b. Has the pump test been previously submitted to the Department? **YES** **NO**

c. Is the pump test attached to this claim? **YES** **NO**

d. Has the pump test been approved by the Department? **YES** **NO**

~~e. Has a pump test exemption been approved by the Department? YES NO~~

**** Claims will not be reviewed until a pump test or exemption has been approved by the Department**

6. Measurement Conditions:

a. Does the permit, permit amendment, or any extension final order require the installation of a meter or approved measuring device? **YES** **NO**

If "NO", items b through f relating to this section may be deleted.
Reminder: If a meter or approved measuring device was required, the COBU map must indicate the location of the device in relation to the point of diversion or appropriation.

b. Has a meter been installed? **YES** **NO**

c. Meter Information

POD/POA Name or #	Manufacturer	Serial #	Condition (working or not)	Current Meter Reading	Date Installed
POA 2	Endress + Hauser	K805111 6000	Working	8857841 gal	Approx 2015

If a meter has been installed, items d through f relating to this section may be deleted.

7. Recording and reporting conditions:

a. Is the water user required to report the water use to the Department? **YES** **NO**

If "NO", item b relating to this section may be deleted.

b. Have the reports been submitted? **YES** **NO**

If the reports have not been submitted, attach a copy of the reports if available.

8. Other conditions required by permit, permit amendment final order, or extension final order:

a. Were there special well construction standards? **YES** **NO**

b. Was submittal of a ground water monitoring plan required? **YES** **NO**

c. Was submittal of a water management and conservation plan required? **YES** **NO**

d. Was a Well Identification Number (Well ID tag) assigned and attached to the well? **YES** **NO**

WELL ID #	DATE ATTACHED TO WELL
77100	**6/23/2005**

e. Other conditions? **YES** **NO**

If "YES" to any of the above, identify the condition and describe the water user's actions to comply with the condition(s):

Please See Attachment 3 (Permit G-17484)

a. Permit G-17484 states that wells must be constructed between 50 and 400 ft bgs and appropriate water from the CRBG aquifer. The well produces water from the CRBG aquifer. It was approved for APOA transfer as built by transfer T-11928 (Attachment 4).

c. The City most recently submitted a WMCP in 2023.

d. The Well ID tag is attached to the well (L-77100).

e. Permit G-17484 has a condition related to water level decline. The water level measured in the well on 3/27/2025 is 3 feet higher than the original water level measured on 9/28/2005. The City will continue to monitor water levels annually.

SECTION 6

ATTACHMENTS

Provide a list of any additional documents you are attaching to this report:

ATTACHMENT NAME	DESCRIPTION
Attachment 1	**Permit G-17484 Well Logs**
Attachment 2	**Claim of Beneficial Use Map**
Attachment 3	**Permit G-17484**
Attachment 4	**Approval of Well Construction**

SECTION 7

CLAIM OF BENEFICIAL USE MAP

The Claim of Beneficial Use Map must be submitted with this claim. Claims submitted without the Claim of Beneficial Use map will be returned. The map shall be submitted on poly film at a scale of 1" = 1320 feet, 1" = 400 feet, or the original full-size scale of the county assessor map for the location.

Provide a general description of the survey method used to prepare the map. Examples of possible methods include, but are not limited to, a traverse survey, GPS, or the use of aerial photos. If the basis of the survey is an aerial photo, provide the source, date, series and the aerial photo identification number.

Data sources include:

- **Data collected during site survey (March 18, 2025)**
- **Specific data provided by City, including well construction and development records, water use records, historic WMCP and WMP documents, and a facility tour.**
- **Google Earth Imagery (Google, ©2025 Airbus)**
- **DOGAMI LiDAR (LDQ-45123C1, 2009 OLC Hood to Coast)**

Map Checklist

Please be sure that the map you submit includes ALL the items listed below.
(Reminder: Incomplete maps and/or claims may be returned.)

- [x] Map on polyester film
- [x] Appropriate scale (1" = 400 feet, 1" = 1320 feet, or the original full-size scale of the county assessor map) Municipal Scale Requirements Differ
- [x] Township, Range, Section, Donation Land Claims, and Government Lots
- [ ] If irrigation, number of acres irrigated within each projected Donation Land Claims, Government Lots, Quarter-Quarters N/A
- [ ] Locations of fish screens and/or fish by-pass devices in relationship to point of diversion N/A
- [x] Locations of meters and/or measuring devices in relationship to point of diversion or appropriation
- [x] Conveyance structures illustrated (pumps, reservoirs, pipelines, ditches, etc.)
- [x] Point(s) of diversion or appropriation (illustrated and coordinates)
- [ ] Tax lot boundaries and numbers N/A for Municipal
- [ ] Source illustrated if surface water N/A
- [x] Disclaimer ("This map is not intended to provide legal dimensions or locations of property ownership lines")
- [x] Application and permit number or transfer number
- [x] North arrow
- [x] Legend
- [ ] CWRE stamp and signature

Attachment 1
Permit G-17484 Well Logs

TAMH 04140

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)
Instructions for completing this report are on the last page of this form.

(WELL I.D.)# L 77100
(START CARD) # 173459

(1) OWNER: Well Number **Dundee #1**
Name **City of Dundee**
Address **620 SW Fifth Ave**
City **Dundee** State **OR** Zip **97115**

(2) TYPE OF WORK
☑ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:
☑ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger
☐ Other

(4) PROPOSED USE:
☐ Domestic ☑ Community ☐ Industrial ☐ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☐ Yes ☑ No Depth of Completed Well **810** ft.
Explosives used ☐ Yes ☐ No Type ____ Amount ____

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
12"	0	220'	cement	0	214	79 (94#) sacks
8"	220	854				

How was seal placed: Method ☐ A ☐ B ☑ C ☐ D ☐ E
☐ Other
Backfill placed from **820** ft. to **854** ft. Material **cement**
Gravel placed from **810** ft. to **820** ft. Size of gravel **3/8**

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	SEE ATTACHED SHEET				☐	☐	☐	☐
Liner:					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:
☐ Perforations Method
☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
				SEE ATTACHED SHEET		☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
	SEE ATTACHED SHEET		1 hr.

Temperature of water **60 F** Depth Artesian Flow Found
Was a water analysis done? ☐ Yes By whom
Did any strata contain water not suitable for intended use? ☐ Too little
☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other
Depth of strata:

(9) LOCATION OF WELL by legal description:
County **Yamhill** Latitude ____ Longitude ____
Township **3** S Range **3** W WM.
Section **22** **SW** 1/4 **SE** 1/4
Tax Lot **2233.6** Lot ____ Block ____ Subdivision ____
Street Address of Well (or nearest address) **19321 Fairview Dr., Dundee OR 97115**

(10) STATIC WATER LEVEL:
75' ft. below land surface. Date **5/19/05**
Artesian pressure ____ lb. per square inch. Date ____

(11) WATER BEARING ZONES:
Depth at which water was first found ____

From	To	Estimated Flow Rate	SWL
SEE ATTACHED SHEET			

(12) WELL LOG:
Ground Elevation ____

Material	From	To	SWL
SEE ATTACHED SOIL PROFILE SHEET			

Received SEP 24 2025 OWRD

RECEIVED JUL 26 2005 WATER RESOURCES DEPT SALEM, OREGON

Received SEP 24 2025 OWRD

Date started **04/18/05** Completed **06/23/05**

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
WWC Number **1672**
Signed ____ Date ____

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
WWC Number **1523**
Signed ____ Date **7/22/05**

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER

Geo-Tech Explorations
A Division of ***Boart Longyear***
19700 SW Teton Ave
Tualatin, OR 97062
503-692-6400
503-692-4759 (fax)

Start Card: 173459
Well Label: L77100
Boring # : Dundee #1

Casing/Liner

Casing	Liner	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
☒	☐	8"	0	220'	0.250	☒	☐	☒	☐
☐	☒	6"	210	240	0.250	☒	☐	☒	☐
☐	☒	6"	260	310	0.250	☒	☐	☒	☐
☐	☒	6"	350	395	0.250	☒	☐	☒	☐
☐	☒	6"	455	500	0.250	☒	☐	☒	☐
☐	☒	6"	540	575	0.250	☒	☐	☒	☐
☐	☒	6"	595	790	0.250	☒	☐	☒	☐

Final Location of Shoe(s): _____

Perforations/Screens

☒ Perforations Method Factory
☐ Screens Type _____ Material _____

Casing	Liner	From	To	Slot Size	Number	Diameter	Tele/Pipe Size
☐	☒	240	260	1/8 x 3	720	6"	
☐	☒	310	350	1/8 x 3	1,440	6"	
☐	☒	395	455	1/8 x 3	2,160	6"	
☐	☒	500	540	1/8 x 3	1,440	6"	
☐	☒	575	595	1/8 x 3	720	6"	
☐	☒	790	810	1/8 x 3	720	6"	
☐	☐						

Well Tests:

Injection	Pump	Air	Yield GPM	Drawdown/Rise	Depth Tested	Time
☐	☒	☐	264	70'		115 hrs
☐	☐	☐				
☐	☐	☐				
☐	☐	☐				
☐	☐	☐				

Water Bearing Zones:

Depth at which water was first found 65 ft.

From	To	Estimated Flow / Specific Capacity	SWL
65	123	10	75
125	149	10	↓
167	196	<5	↓
205	215	↓	↓
255	257	↓	↓
257	285	↓	↓
285	300	↓	↓
310	353	↓	↓
400	564	↓	↓
574	623	↓	↓
806	812	Total 500 gpm	↓

Soil Profile Continued from Log:

Material	From	To	SWL
Red brown clay	0	16	
Blue-gray clay – sandy	16	27	
Brown clay w/ sands and small gravels	27	40	
Claystone/sandstone – very weathered	40	65	
Weathered basalt – dark gray	65	77	
Fractured basalt – weathered	77	90	
Dark gray basalt	90	123	
Light gray basalt – medium	123	125	
Fractured basalt – light gray	125	135	
Very fractured basalt – gray / red	135	149	
Fractured claystone – light brown / tan	149	155	
Fractured claystone (sandy) – light gray	155	157	
Brown vesicular basalt – soft	157	160	
Light gray basalt – very fractured	160	167	
Light gray basalt – fractured w/ some reddish brown	167	196	
Gray basalt – medium	196	205	
Gray basalt w/ some small fractures (competent)	217	255	
Tan claystone	255	257	
Dark gray basalt w/ some fractures – medium	257	285	
Very fractured basalt – red/tan	285	300	
Gray basalt – medium	300	310	
Gray basalt – medium w/ streaks of light tan claystone	310	333	
Brown vesicular basalt	333	353	
Gray sandstone and basalt	353	374	
Weathered brown and black basalt	374	378	
Dark gray basalt	378	387	
Grey clay	387	400	
Brown and black basalt - weathered	400	405	
Weathered basalt – brown/black/red	405	412	
Vesicular rock – brown/black/red	412	414	
Weathered basalt – slightly vesicular	414	420	
Weathered basalt – brown/blue/gray	420	551	
Weathered basalt	551	564	
Black basalt – hard	564	572	

Gray basalt – hard	572	574	
Weathered basalt – green/black/brown/red	574	579	
Weathered basalt – vesicular rocks	579	606	
Black basalt	606	623	
Weathered basalt – black and brown	623	625	
Black basalt	625	652	
Transition to weathered basalt	652	657	
Clay/sandstone and basalt (mostly black basalt)	657	698	
Black basalt (soft) w/ a little blue-green siltstone	698	748	
Black basalt w/ little bits of light brown dried clays	748	806	
Agate, quartz, small river rock, sand, basalts (real loose)	806	812	
Light brown claystone w/ little bits of black basalt	812	822	
Gray claystone and black sands	822	827	
Changes b/t clays, siltstone and sandstone	827	854	

YAMH 56803

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765 & OAR 690-205-0210)

WELL LABEL # L 77100

START CARD # 208756

(1) LAND OWNER

Owner Well I.D.

First Name Last Name

Company City of Dundee

Address PO Box 220

City Dundee State OR Zip 97115

(2) TYPE OF WORK

☐ New Well ☐ Deepening ☐ Conversion
☒ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger ☐ Cable Mud
☐ Reverse Rotary ☒ Other no drilling

(4) PROPOSED USE

☐ Domestic ☐ Irrigation ☒ Community
☐ Industrial/ Commericial ☐ Livestock ☐ Dewatering
☐ Thermal ☐ Injection ☐ Other

(5) BORE HOLE CONSTRUCTION

Special Standard ☒ Attach copy

Depth of Completed Well 549.4 ft.

BORE HOLE Dia	From	To	SEAL Material	From	To	Amt	sacks/ lbs
No drilling or change in bore dia.			Not changed				

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☐ Other

Backfill placed from ft. to ft. Material

Filter pack from ft. to ft. Material Size

Explosives used: ☐ Yes Type Amount

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
●	○	8	☒	2	220	25	●	○	☒	☐
			☐	casing existing			○	○	☐	☐
○	●	6	☐	210.5	549.4	sch 40	○	●	☐	☒
			☐	(removed existing)			○	○	☐	☐
			☐							

Shoe ☐ Inside ☐ Outside ☐ Other Location of shoe(s)

Temp casing ☐ Yes Dia From To

(7) PERFORATIONS/SCREENS

Perforations Method factory slotted

Screens Type Material

Perf/ Screen	Casing/ Liner	Screen Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size
Perf	Liner		240	260	0.1	2	2,400	
Perf	Liner		310	350	0.1	2	4,800	
Perf	Liner		395	455	0.1	2	7,200	
Perf	Liner		500	540	0.1	2	4,800	

(8) WELL TESTS: Minimum testing time is 1 hour

● Pump ○ Bailer ○ Air ○ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
245	80		48

Temperature 52 °F Lab analysis ☐ Yes By

Water quality concerns? ☐ Yes (describe below)

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County YAMHILL Twp 3 S N/S Range 3 W E/W WM

Sec 22 SW 1/4 of the SE 1/4 Tax Lot 600

Tax Map Number 3327 Lot

Lat ° ' " or 0 DMS or DD

Long ° ' " or DMS or DD

○ Street address of well ● Nearest address

19321 Fairview Dr, Dundee, OR

(10) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Predeepening	04-10-2014			62
Completed Well	05-06-2014			60

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES Depth water was first found 62

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
No drilling – NA						

(11) WELL LOG

Ground Elevation

Material	From	To
NO DRILLING PERFORMED		
Original log is YAMH 54149.		
ALTERATION CONSISTED OF:		
-Removed 6" steel liner.		
-Got Special Standard to leave slough and pea gravel.		
-Placed chip bentonite from 786' up to 554.5',		
(estimated 5520#, actual used 5050#).		
-Placed pea gravel from 554.5' up to 549.4'		
-Installed new 6" PVC liner with slotted screen.		
-Test pumped.		

Received
SEP 24 2025
OWRD

RECEIVED BY OWRD

MAY 28 2014

SALEM, OR

Date Started 04-08-2014 Completed 05-09-2014

(unbonded) Water Well Constructor Certification

I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number 1367 Date 05-23-2014

Password : (if filing electronically)

Signed

(bonded) Water Well Constructor Certification

I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

License Number 649 Date 05-23-2014

Password : (if filing electronically)

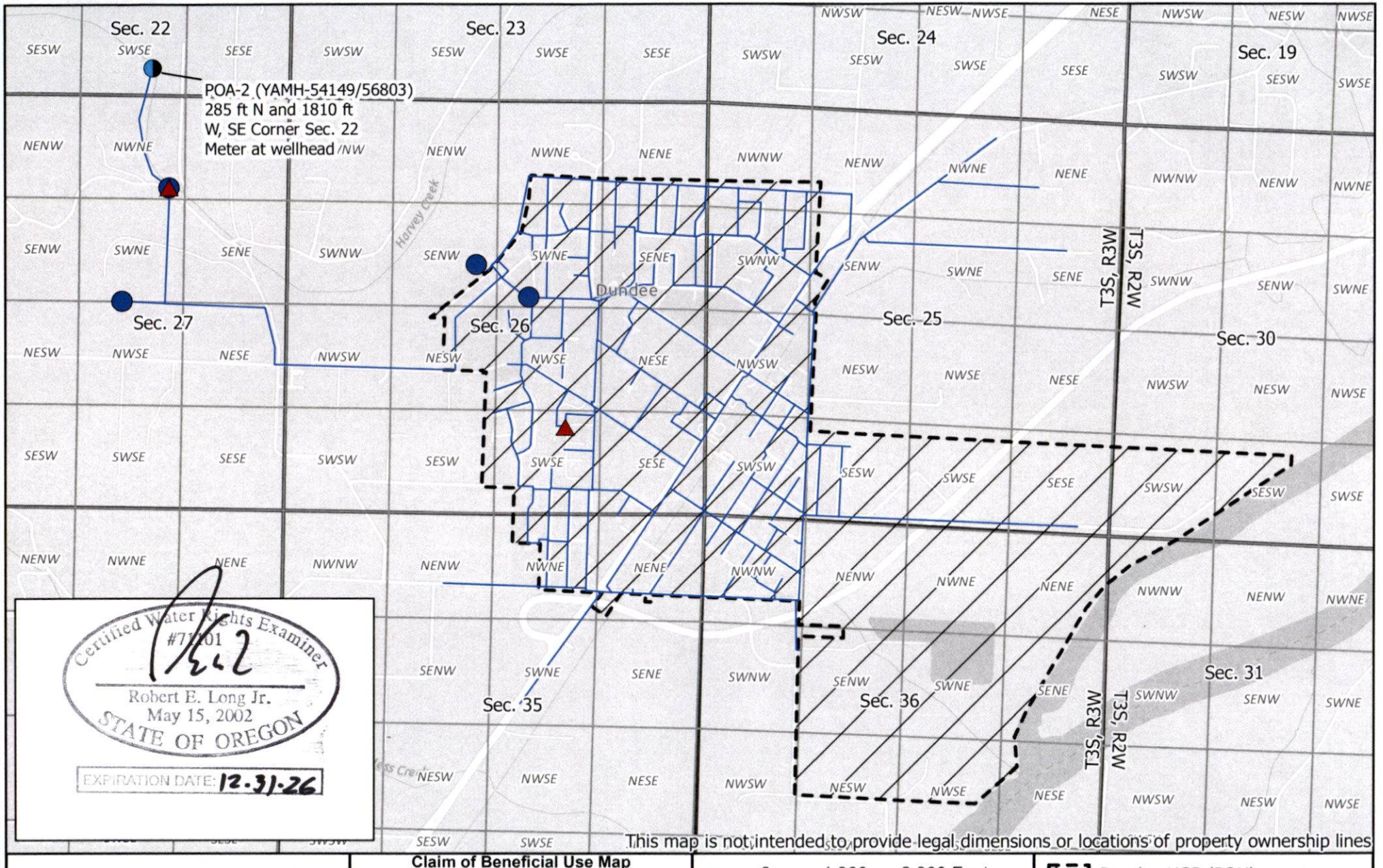
Signed Stephen Schmidt

Contact Info (optional)

ORIGINAL - WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK

Form Version: 0.89



Certified Water Rights Examiner
#71101
Robert E. Long Jr.
May 15, 2002
STATE OF OREGON

EXPIRATION DATE: 12-31-26

This map is not intended to provide legal dimensions or locations of property ownership lines

CwM-H2O
Complete Water Management

311 B Avenue, Suite P
Lake Oswego, Oregon 97034
(503) 954-1326

Claim of Beneficial Use Map
Permit G-17484
Transfer T-11928
Application G-14066

No.	Date	By	Revisions
1	DATE	AUTH	DRAFT

N

0 1,000 2,000 Feet

1:20,000

Proj#: 2434001
City of Dundee

City of Dundee
PO Box 220
Dundee, OR 97115

- Dundee UGB (POU)
- G-17484 POA
- Distribution Lines
- Storage Tanks
- Pump Stations

Received
SEP 24 2025
OWRD

Attachment 3
Permit G-17484

STATE OF OREGON

COUNTY OF YAMHILL

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

CITY OF DUNDEE
PO BOX 220
DUNDEE, OREGON 97115

(503) 538-6700

This superseding permit is issued to describe an amendment for an additional point of appropriation proposed under Permit Amendment Application T-11928 and approved by Special Order Vol. 96, Page 812-813 entered August 17, 2015, and to describe an extension of time for complete application of water approved September 29, 2006 and a Water Management and Conservation Plan approved on November 21, 2012. This permit supersedes Permit G-12736.

The specific limits for the use are listed below along with conditions of use.

APPLICATION FILE NUMBER: G-14066

SOURCE OF WATER: TWO WELLS IN HARVEY CREEK BASIN

PURPOSE OR USE: MUNICIPAL USE

MAXIMUM RATE: 0.5 CUBIC FOOT PER SECOND

PERIOD OF USE: YEAR ROUND

DATE OF PRIORITY: MAY 19, 1995

Received
SEP 24 2025
OWRD

POINT OF DIVERSION LOCATION:

Twp	Rng	Mer	Sec	Q-Q	Measured Distance
3 S	3 W	WM	22	SW SE	TEST WELL-(YAMH 56803) 285 FEET NORTH AND 1810 FEET WEST FROM THE SE CORNER OF SECTION 22
3 S	3 W	WM	27	NW NE	CITY WELL 11- 460 FEET SOUTH AND 1830 FEET WEST FROM THE NE CORNER OF SECTION 27

THE PLACE OF USE IS LOCATED AS FOLLOWS:

WITHIN THE CITY OF DUNDEE SERVICE AREA

Permit Amendment T-11928 conditions:

Condition A

The combined quantity of water diverted at the new points of appropriation, together with that diverted at the old point of appropriation (City Well 11), shall not exceed the quantity of water lawfully available at the original point of appropriation (City Well 11).

Condition B

Water shall be acquired from the same aquifer as the original point of appropriation (City Well 11).

Water Management and Conservation Plan Conditions:

A progress report is due no later than November 21, 2017, and an updated Water Management and Conservation Plan must be submitted to the Department no later than November 21, 2021. Condition C

Original Permit Conditions:

Measurement, recording and reporting conditions: Condition D

A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.

B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

Condition E

Ground water production shall be from no shallower than 50 feet below land surface. Ground water production shall be from the Columbia River Basalt, 50 to 400 feet below land surface.

Use of water from the well, as allowed herein, shall be controlled or shut off if the well displays: Condition F

(A) An average water level decline of three or more feet per year for five consecutive years; or a

(B) A total water level decline of fifteen or more feet; or b

(C) A hydraulic interference decline of fifteen or more feet in any neighboring well providing water for senior exempt uses or wells covered by prior rights. c

The water user shall install a meter or other measuring device suitable to the Director, and shall submit an annual report of water used to the Department by December 1 of each year. Condition G

The permittee/appropriator shall be responsible for complying with each of the following requirements for measuring water levels in the well.

(A) Use of water from a new well shall not begin until an initial static water level in the well has been measured and submitted to the Department.

(B) In addition to the measurement required in subsection (a) of this section, a water level measurement shall be made each year during the period March 1 through March 31.

(C) All water level measurements shall be made by a qualified individual. Qualified individuals are certified water rights examiners, registered geologists, registered professional engineers, licensed land surveyors, licensed water well constructor, licensed pump installer, or the permittee/appropriator.

(D) Any qualified individual measuring a well shall use standard methods of procedure and equipment designed for the purpose of well measurement. The equipment used shall be well suited to the conditions of construction at the well. A list of standard methods of procedure and suitable equipment shall be available from the Department.

(E) The permittee/appropriator shall submit a record of the measurement to the Department on a form available from the Department. The record of measurement shall include both measurements and calculations, shall include a certificate as to their accuracy signed by the individual making the measurements, and shall be submitted to the Department within 90 days from the date of measurement. The Department shall determine when any of the declines cited above are evidenced by the well measurement required herein.

STANDARD CONDITIONS

The wells shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter. Condition H

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

The Director finds that the proposed use of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

Complete application of the water to the use shall be made on or before October 1, 2025.

Issued August 17, 2015

Dwight French, Water Right Services Administrator, for
Thomas M. Byler, Director
Oregon Water Resources Department

Received
SEP 24 2025
OWRD

Attachment 4
Approval of Well Construction

Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1271
(503) 986-0900
www.wrd.state.or.us

Ground Water Review Form:

- ☐ Water Right Transfer
- ☒ Permit Amendment
- ☐ GR Modification
- ☐ Other

Received
SEP 24 2025
OWRD

Application: T-11928 Applicant Name: City of Dundee

Proposed Changes: ☐ POA ☒ APOA ☐ SW→GW ☐ RA ☐ USE ☐ POU ☐ OTHER

Reviewer(s): Marc Norton / Karl Wozniak Date of Review: April 22, 2015

The information provided in the application is insufficient to evaluate whether the proposed transfer may be approved because:

☐ The water well reports provided with the application do not correspond to the water rights affected by the transfer.

☐ The application does not include water well reports or a description of the well construction details sufficient to establish the ground water body developed or proposed to be developed.

☐ Other _____

---

1. Basic description of the changes proposed in this transfer: The wells allowed under Permits G-14066 and G-14070 have not yet been constructed. Both permits have conditions which limit groundwater production to the Columbia River Basalt aquifer between 50 and 400 feet below land surface. The purpose of the condition was to limit groundwater production to a single aquifer in the Columbia River Basalt aquifer system. The City of Dundee would like to add YAMH 54149/YAMH 56803 as a new point of appropriation to both permits. YAMH 54149 is about 700-950 feet north of the proposed well locations on the referenced permits and at approximately the same elevation.

2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
   ☒ Yes ☐ No Comments: YAMH 54149, as originally constructed, was open to the basalt from 214-812 feet but after reconstruction (YAMH 56803) is only open from 214-555 feet. The reconstruction was part of an agreement between the Department, the City of Dundee and GSI Water Solutions to ensure that the well would only produce from the shallow basalt aquifer. A letter from Ivan Gall, Groundwater Section Manager (October 31, 2013), in the associated water right files indicates that the current construction of YAMH 54149 effectively meets the intent of the conditions on permits G-14066 and G-14070 even though the open interval is somewhat larger than specified. The close proximity of three well locations, the similar elevation, and the similar open intervals all indicate that YAMH 54149 develops groundwater from the same source as the authorized POAs.

3. a) Is there more than one source developed under the right (e.g., basalt and alluvium)?
   ☐ Yes ☒ No _____

   b) If yes, estimate the portion of the right supplied by each of the sources and describe any limitations that will need to be placed on the proposed change (rate, duty, etc.): _____

4. a) Will this proposed change, at its maximum allowed rate of use, likely result in an increase in interference with **another ground water right**?
☐ Yes ☒ No Comments: Because the source aquifer is highly confined and the APOA is less than ¼ mile from the authorized POAs, interference from the new well is unlikely to be much different than from the authorized POAs.

   b) If yes, would this proposed change, at its maximum allowed rate of use, likely result in another groundwater right not receiving the water to which it is legally entitled?
☐ Yes ☐ No If yes, explain: _____

5. a) Will this proposed change, at its maximum allowed rate of use, likely result in an increase in interference with **another surface water source**?
☐ Yes ☒ No Comments: The similar open interval, the highly confined nature of the source aquifer, and the proximity of the wells indicate that impacts to any hydraulically connected streams would be similar from the authorized POAs and the proposed APOA.

   b) If yes, at its maximum allowed rate of use, what is the expected change in degree of interference with any **surface water sources** resulting from the proposed change?
Stream: _____ ☐ Minimal ☐ Significant
Stream: _____ ☐ Minimal ☐ Significant
Provide context for minimal/significant impact: _____

6. What conditions or other changes in the application are necessary to address any potential issues identified above: All conditions on the original permits should be carried forward to the APOA.

7. Any additional comments: _____

Oregon
John A. Kitzhaber, MD, Governor

Water Resources Department
North Mall Office Building
725 Summer St NE, Suite A
Salem, OR 97301
Phone (503) 986-0900
Fax (503) 986-0904
www.wrd.state.or.us

October 31, 2013

Steven Shropshire
Jordan Ramis PC
Two Centerpointe Drive
6th Floor
Lake Oswego, OR 97035

Dear Steven,

Thank you for meeting with Department staff to discuss water right and well construction options for the City of Dundee well (YAMH 54149). The City is interested in adding this well to water right permits G-12736 and G-13035, which limit groundwater production to the Columbia River Basalt aquifer system between 50 and 400 feet below land surface. Water temperature profiling data collected in YAMH 54149 indicate groundwater flow within the borehole. Although the amount of borehole flow can't be quantified due to the presence of a liner pipe, the Department's experience and rules require protection of the separate aquifers, particularly within the Columbia River Basalt Group aquifer system (see Oregon Administrative Rule 690-200-0043).

As discussed at our meeting, the Department would like the City of Dundee to abandon the deeper portion of YAMH 54149 from the bottom hole depth of approximately 800 feet below land surface up to approximately 560 feet below land surface. This action will definitively address the Department's concerns regarding well construction standards and groundwater flow in this well. Once the work is completed, the Department will not make any further requests that the City abandon any other portion of the borehole. The Department is willing to provide a flexible time-frame to address the abandonment of the lower borehole given the importance of this well for the City's water supply. Once abandonment of the lower borehole is completed, the Department would be able to process a transfer application adding YAMH 54149 to the two groundwater permits noted above.

Please contact me at 503.986.0847 or by email at ivan.k.gall@wrd.state.or.us if you have any questions regarding this matter.

Sincerely,

Ivan Gall – Manager, Groundwater Section

Cc: Juno Pandian – Manager, Well Construction and Compliance
Kris Byrd – Well Construction and Compliance
Mike McCord - Watermaster