

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



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

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

Enter the date the priority date of the permit:

6/25/1975

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 503-986-0900.

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>

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SECTION 1

GENERAL INFORMATION

1. File Information:

APPLICATION # G-7020	PERMIT # (IF APPLICABLE) G-18310	PERMIT AMENDMENT # (IF APPLICABLE) T-13234 and T-12763
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2. Property Owner (current owner information):

APPLICANT/BUSINESS NAME Ponderosa Pines Water Company		PHONE NO. 760-936-1870	ADDITIONAL CONTACT NO.
ADDRESS 53299 Ponderosa Way			
CITY La Pine	STATE OR	ZIP 97739	E-MAIL ppwcpresident@gmail.com

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 Ponderosa Pines Water Company (PPWC)		
ADDRESS 53299 Ponderosa Way		
CITY Lapine	STATE OR	ZIP 97739

ADDITIONAL PERMIT HOLDER OF RECORD N/A		
ADDRESS		
CITY	STATE	ZIP

Received**MAR 16 2026****OWRD****4. Date of Site Inspection:****12/19/2025****5. Person(s) interviewed and description of their association with the project:**

NAME	DATE	ASSOCIATION WITH THE PROJECT
David Trachsel	12/19/2025	President of PPWC
Kent Nielson	12/19/2025	Former PPWC Operator
Brad Covington	12/19/2025	PPWC Operator
George Schrum	12/19/2025	PPWC Operator

6. County:**Deschutes****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)):****Tax Lot 220901A006100**

OWNER OF RECORD Dennis Kunkel		
ADDRESS 14770 S Sugar Pine Way		
CITY La Pine	STATE OR	ZIP 97739

Tax Lot 221006B006100

OWNER OF RECORD

Equity Trust Co. FBO Michael Lockrem IRA

ADDRESS

PO Box 5215

CITY

Klamath Falls

STATE

OR

ZIP

97601**Tax Lot 221006C000900**

OWNER OF RECORD

Bartlett Family Living Trust Agreement

ADDRESS

508 Dillon St

CITY

Sault Sainte Marie

STATE

MI

ZIP

49783

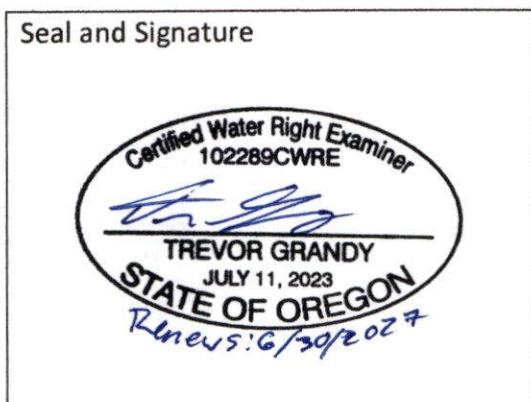
Add additional tables for owners of record as needed

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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.

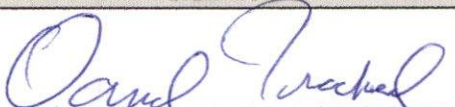


CWRE NAME Trevor Grandy		PHONE NO. 971.200.8545	ADDITIONAL CONTACT NO.
ADDRESS 147 SW Shevlin Hixon Drive			
CITY Bend	STATE OR	ZIP 97702	E-MAIL TGrandy@gsiws.com

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
	David Trachsel	President PPWC	2/19/2026

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SECTION 3
CLAIM DESCRIPTION

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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)
Well #2	DESC 8048	L-159987
Well #3	DESC 62194	L-137706

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

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

POA NAME OR NUMBER	SOURCE BASIN LOCATED WITHIN	TRIBUTARY
Well #2	Little Deschutes River	Deschutes River
Well #3		

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)
Well #2	Group Domestic	N/A	Year round	580 gpm
Well #3	Group Domestic	N/A	Year round	580 gpm
Total Quantity of Water Used				1,160 gpm

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 is appropriated from Wells #2 and #3 with 30-horsepower, submersible pumps and conveyed to the 425,000-gallon above-ground storage tank via 6-inch steel piping where the system pressure can be as high as 18 feet of head. The water is conveyed from the storage tank to the PVC-piped, domestic distribution network pressurized by three booster pumps.

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**

(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.")

The permit authorizes group domestic use. PPWC currently serves 185 domestic lots within the authorized place of use. 3 lots within the place of use have yet to be developed.
Permit G-18310 identifies the Well #2 location as 2,106 feet South and 1,211 feet East from the NW corner of Section 7. The actual location is 2,106 feet South and 1,191 feet East from the NW corner of Section 7.

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
Well #2	0.33 cfs*	1.59 cfs (714 gpm)	580 gpm**	Group	N/A	N/A
Well #3	(148 gpm)	1.59 cfs (714 gpm)	580 gpm**	Domestic	N/A	N/A

*PPWC holds 3 water rights authorizing Wells 2 and 3 as POAs. The total maximum authorized rate of the 3 permits is 1.53 cfs (687 gpm).

**PPWC cycles Wells #2 and #3 throughout the year using Well #2 in the colder months and Well #3 in the hotter months. PPWC ran both Wells #2 and #3 in July 2023 and measured a combined rate of approximately 900 gpm.

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SECTION 4

SYSTEM DESCRIPTION

Are there multiple POAs?

YES

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):

Well #2, Well #3

A. Place of Use

1. Is the right for municipal use?

NO

If "YES" the table below may be deleted.

TWP	RNG	MER	SEC	QQ	GLOT	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
22 S	9 E	W.M.	1	NENE			Group Domestic	N/A	N/A
22 S	9 E	W.M.	1	NWNE					
22 S	9 E	W.M.	1	SENE					
22 S	9 E	W.M.	1	NESE					
22 S	10 E	W.M.	6	NENW					
22 S	10 E	W.M.	6	NWNW					
22 S	10 E	W.M.	6	NWSW					
22 S	10 E	W.M.	6	SWNW					
22 S	10 E	W.M.	6	SENW					
Total Acres Irrigated								N/A	N/A

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

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:

Well #2: Airline in the well, port available at wellhead
Well #3: 1-inch threaded access port at the wellhead

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

POA	CASING DIAMETER	CASING DEPTH	TOTAL DEPTH	COMPLETION DATE OF ORIGINAL WELL	COMPLETION DATES OF ALTERATIONS	WHO THE WELL WAS DRILLED FOR	WELL DRILLED BY
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See Well Logs DESC 8048 and DESC 62194 in Attachment B

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.

N/A

C. Groundwater Source Information (Sump)

1. Is the appropriation from a dug well (sump)? Items #2-4 were deleted **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?

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If "NO" items 2 through item 9 may be deleted.

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2. Pump Information:

POA	MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Well #2	Jacuzzi	not available	not available	Submersible	not available	6-inch
Well #3	Gould	7TL CO30	not available	Submersible	not available	6-inch

3. Motor Information:

POA	MANUFACTURER	HORSEPOWER
Well #2	not available	30 hp
Well #3	not available	30 hp

4. Theoretical Pump Capacity – Pump at Well:

POA	HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO GROUND SURFACE (THE DEPTH TO WATER FROM THE GROUND SURFACE MEASURED AT THE WELL DURING PUMPING)	LIFT TO PLACE OF USE (THE LIFT FROM THE GROUND SURFACE AT THE WELL TO THE PLACE OF USE)	TOTAL PUMP OUTPUT (IN CFS)
Well #2	30 hp	Up to 7.8 psi	115 feet	N/A	1.59 cfs
Well #3	30 hp	Up to 7.8 psi	115 feet	N/A	1.59 cfs

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

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5. Provide pump calculations:

Well #2:

$Q_{\text{pump}} = (\text{Hp})(\text{efficiency}) / (\text{lift} + \text{psi head})$
Turbine efficiency = 7.04 ft⁴ lb/sec/Hp (figure provided by OWRD)
(7.80 psi)(2.31 ft of head/psi) = 18.0 ft of head
(30)(7.04) / (115 + 18) = **1.59 cfs**
1.30 cfs x 448.8 gpm/cfs = **714 gpm**

Well #3:

$Q_{\text{pump}} = (\text{Hp})(\text{efficiency}) / (\text{lift} + \text{psi head})$
Turbine efficiency = 7.04 ft⁴ lb/sec/Hp (figure provided by OWRD)
(7.80 psi)(2.31 ft of head/psi) = 18.0 ft of head
(30)(7.04) / (115 + 18) = **1.59 cfs**
1.59 cfs x 448.8 gpm/cfs = **714 gpm**

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

POA	INITIAL METER READING	ENDING METER READING	DURATION OF TIME OBSERVED	TOTAL PUMP OUTPUT (IN CFS)
Well #2	828118900	828120060	2 minutes	580 gpm – 1.29 cfs
Well #3	Well #3 is not operated in the winter, during the CWRE site visit.*			

*PPWC cycles Wells #2 and #3 throughout the year. PPWC has documented Well 3 produces 580 gpm when operating (primarily during summer months)

7. Theoretical Pump Capacity – Pump at Sump: **N/A**

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

8. Provide pump calculations:

N/A The system does not use a sump

9. Measured Pump Capacity (using meter if meter was present and system was operating): **N/A**

10. Is the distribution system piped?

YES

If "NO" items 11 through item 16 may be deleted.

11. Mainline Information:

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
2-inch	600 ft	PVC	Buried
4-inch	21,100 ft	PVC	Buried
6-inch	41,100 ft	PVC	Buried
8-inch	300 ft	PVC	Buried

12. Lateral or Handline Information:

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
1-inch domestic hook-ups	Varies	PVC	Buried

13. Sprinkler Information:

SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
N/A					

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

14. Drip Emitter Information:

SIZE	OPERATING PSI	EMITTER OUTPUT (GPM)	TOTAL NUMBER OF EMITTERS	MAXIMUM NUMBER USED	TOTAL EMITTER OUTPUT (CFS)
N/A					

15. 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
N/A					

16. Pivot Information:

MANUFACTURER	MAXIMUM WETTED RADIUS	OPERATING PSI	TOTAL PIVOT OUTPUT (GPM)	TOTAL PIVOT OUTPUT (CFS)
N/A				

E. Storage

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir)?

YES

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

If "YES" is it a: Storage Tank
 Bulge in System / Reservoir

YES

NO

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

2. Storage Tank:

MATERIAL (CONCRETE, FIBERGLASS, METAL, ETC.)	CAPACITY (IN GALLONS)	ABOVE GROUND OR BURIED
Bolted Glass fused-to-steel tank	425,000	Above

3. Bulge in System / Reservoir:

RESERVOIR NAME OR NUMBER (CORRESPOND TO MAP)	APPROXIMATE DAM HEIGHT	APPROXIMATE CAPACITY (IN ACRE FEET)
N/A		

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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? Items #2-4 were deleted

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? Items #2-4 were deleted

NO

H. Additional notes or comments related to the system:

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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*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	8/5/1976		
BEGIN CONSTRUCTION (A)	10/1/1977	August 1976	Construction of Conveyance system from Well #1 began/continued.
COMPLETE CONSTRUCTION (B)	10/1/2024**	7/18/2023	Well #3 complete and brought online
COMPLETE APPLICATION OF WATER (C)	10/1/2024**	7/18/2023	Wells #2 and #3 online and supplying PPWC water system

* MUST BE WITHIN PERIOD BETWEEN PERMIT, OR ANY EXTENSION FINAL ORDER ISSUANCE AND THE DATE TO COMPLETELY APPLY WATER

** Extension of time issued 9/29/2004 extended the construction and complete application of water to 10/1/2024

2. Is there an extension final order(s)? YES

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

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

b. Were the Progress Reports submitted? NO*

*2009 and 2014 Progress Reports were submitted and accepted by OWRD. 2019 Progress Report was submitted earlier this year. The 2019 Progress Report can be found in Attachment D.

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

3. Initial Water Level Measurements:

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

Items B-E were deleted

4. Annual Static Water Level Measurements:

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

Items B-E were deleted.

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5. Pump Test:

a. Did the permit require the submittal of a pump test? **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>

**** 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**

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**

c. Meter Information

POD/POA NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED
Well #2	Sensus	66199398	Working	828119900 gal	7/7/2008
Well #3	Seametrics	06200414	Working	17469286 gal	July 2023

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

Items d-f were deleted

7. Recording and reporting conditions:

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

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

8. Other conditions required by some permits, permit amendment final orders, or extension final orders:

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

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

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

d. Was a Well Identification Number (Well ID tag) assigned and attached **YES***
to the well? ***Not included as condition on permit**

WELL ID #	DATE ATTACHED TO WELL
Well #2 – L-159987	12/19/2025
Well #3 – L-137706	6/18/2020

e. Other conditions? **Yes**

If "YES" to any of the above, identify the condition and describe the water user's actions to comply with the condition(s) in the box below. If the condition required the approval of a plan, submit documentation that the plan was approved.

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Permit Amendment T-13234 Conditions:

The combined quantity of water diverted at the new points of appropriation (Proposed Well #2 and Well #3), shall not exceed the quantity of water lawfully available at the original points of appropriation (Authorized Well #2 and Well #3).

Water shall be acquired from the same aquifer.

PPWC cycles between Wells #2 and #3 depending on the season and do not exceed the quantity of water lawfully available at the original points of appropriation. Wells #2 and #3 are constructed similarly and appropriate water from the Deschutes Formation.

Permit Amendment T-12763 Conditions:

The combined quantity of water diverted at the additional point of appropriation (Well #3), together with that diverted at the old point of appropriation (Well 2), shall not exceed the quantity of water lawfully available at the original point of appropriation (Well 2).

PPWC cycles between Wells #2 and #3 depending on the season and do not exceed the quantity of water lawfully available at the original points of appropriation.

SECTION 6**ATTACHMENTS**

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

ATTACHMENT NAME	DESCRIPTION
Attachment A	Water Right Permit G-18310
Attachment B	Claim of Beneficial Use Map
Attachment C	Well Logs DESC 8048 and DESC 62194
Attachment D	2019 Progress Report

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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.

PPWC is a small quasi-municipal water supplier with a good understanding of their components and component locations. During the site inspection the CWRE did not independently survey the system component locations. The COBU map was created by GSI Water Solutions, Inc. mapping staff using Geographic Information System (GIS) software and spatial datasets provided by PPWC. The georeferenced data sources used in creating the COBU map are described on the map. Additional data and information specific to the permittee's wells, place of use, and the permittee's use of water under the water right described in this Claim of Beneficial Use report were obtained from the permittee.

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.)

- ☒ Map on polyester film
- ☒ Appropriate scale (1" = 400 feet, 1" = 1320 feet, or the original full-size scale of the county assessor map)
- ☒ Township, Range, Section, Donation Land Claims, and Government Lots
- N/A** 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
- ☒ Locations of meters and/or measuring devices in relationship to point of diversion or appropriation
- ☒ Conveyance structures illustrated (pumps, reservoirs, pipelines, ditches, etc.)
- ☒ Point(s) of diversion or appropriation (illustrated and coordinates)
- ☒ Tax lot boundaries and numbers
- ☒ Quarter-Quarters illustrated and named (NE NE, NW NE, etc.)
- N/A** Source illustrated if surface water
- ☒ Disclaimer ("This map is not intended to provide legal dimensions or locations of property ownership lines")
- ☒ Application and permit number or transfer number
- ☒ North arrow
- ☒ Legend
- ☒ CWRE stamp and signature

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Attachment A

Permit G-18310

Claim of Beneficial Use for Permit G-18310 – Ponderosa Pines Water Co.

STATE OF OREGON

COUNTY OF DESCHUTES

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

PONDEROSA PINES WATER COMPANY
53299 PONDEROSA WAY
LA PINE, OR 97739

This superseding permit is issued to describe an amendment for change in points of appropriation proposed under Permit Amendment Application T-13234 and approved by Special Order Vol. 114, Page 619, entered DEC 31 2019, and to describe a Correcting Order, recorded at Special Order Volume 112, Page 1104, entered April 30, 2019, and to describe an amendment for additional points of appropriation proposed under Permit Amendment Application T-12763 and approved by Special Order Vol. 112, Page 985, entered April 22, 2019, and to describe extensions of time for complete application of water approved August 27, 1981, May 1, 1984, July 8, 1988, December 29, 1992 and September 29, 2004, and an assignment approved April 5, 1982. This permit supersedes Permit G-18216.

The specific limits and conditions of the use, subject to existing rights, are listed below.

APPLICATION FILE NUMBER: G-7020

SOURCE OF WATER: TWO WELLS IN THE LITTLE DESCHUTES RIVER BASIN

PURPOSE OR USE: GROUP DOMESTIC

MAXIMUM RATE: 0.33 CUBIC FOOT PER SECOND

DATE OF PRIORITY: JUNE 25, 1975

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AUTHORIZED POINTS OF APPROPRIATION:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
22 S	10 E	WM	7	SE NW	WELL 2 - 2106 FEET SOUTH AND 1211 FEET EAST FROM THE NW CORNER OF SECTION 7
22 S	10 E	WM	7	SE NW	WELL 3 - 2108 FEET SOUTH AND 1161 FEET EAST FROM THE NW CORNER OF SECTION 7

AUTHORIZED PLACE OF USE:

GROUP DOMESTIC					
Twp	Rng	Mer	Sec	Q-Q	Acres
22 S	9 E	WM	1	NW NE	40.3
22 S	9 E	WM	1	NE NE	40.1
22 S	9 E	WM	1	SE NE	39.9
22 S	9 E	WM	1	NE SE	40.0
22 S	10 E	WM	6	NW NW	27.5
22 S	10 E	WM	6	NE NW	33.5
22 S	10 E	WM	6	SW NW	27.8
22 S	10 E	WM	6	SE NW	34.9
22 S	10 E	WM	6	NW SW	28.1
Total:					312.1

Permit Amendment T-13234 Conditions:

The combined quantity of water diverted at the new points of appropriation, (Proposed Well #2 and Well #3), shall not exceed the quantity of water lawfully available at the original points of appropriation (Authorized Well #1, Well #2, and Well #3).

Water use measurement conditions:

- a. Before water use may begin under this order, the water user shall install a totalizing flow meter, or, with prior approval of the Director, another suitable measuring device, at each point of appropriation.
- b. The water user shall maintain the meters or measuring devices in good working order.
- c. The water user shall allow the Watermaster access to the meters or measuring devices; provided however, where the meters or measuring devices are located within a private structure, the Watermaster shall request access upon reasonable notice.

Water shall be acquired from the same aquifer as the original points of appropriation.

Permit Amendment T-12763 Conditions:

The combined quantity of water diverted at the additional points of appropriation (Wells 2 and 3), together with that diverted at the old point of appropriation (Well 1), shall not exceed the quantity of water lawfully available at the original point of appropriation (Well 1).

Water use measurement conditions:

- a. Before water use may begin under this order, the water user shall install a totalizing flow meter, or, with prior approval of the Director, another suitable measuring device, at each point of diversion (new and existing).
- b. The water user shall maintain the meters or measuring devices in good working order.

- c. The water user shall allow the Watermaster access to the meters or measuring devices; provided however, where the meters or measuring devices are located within a private structure, the Watermaster shall request access upon reasonable notice.

Wells 2 and 3 shall be continuously cased and continuously sealed to meet the current water well construction standards.

Extension of Time Conditions:

In accordance with OAR 690-320-0010(10), the permittee must submit a written progress report to the Department by October 1, of the years 2009, 2014, and 2019.

Each report must be received by the Department not sooner than 90 days prior to the due date. The permittee's reports must describe in detail the work done each year since the last extension was granted or the last progress report was submitted. The report shall include:

- a) The amount of construction completed;
- b) The amount of beneficial use of water being made, including the total volume of water used, water used relative to the specific authorizations (types of use, acres irrigated, etc.) contained in the permit, and the percent of the total allowable water use that this represents;
- c) A review of the permittee's compliance with terms and conditions of the permit and/or previous extension; and
- d) Financial investments made toward developing the beneficial water use.

The Department will review the progress report to determine whether the permittee is exercising diligence towards completion of the project and complying with the terms and conditions of the permit and extension.

Failure to submit a progress report by the due date above may jeopardize continued development under the permit.

The Department will take into consideration annual reports submitted under OAR Chapter 690, Division 86 or ORS 537.099, and any other report that demonstrates diligence.

Other reports, however, are not a substitute for the progress reports and anything submitted must clearly show that diligence towards perfecting the water right permit is being attempted.

If the Department finds that diligence is questionable, the Department may:

- a) request the permittee to submit additional information with which to evaluate diligence; or
- b) apply additional conditions and performance criteria for perfection of the right; or

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- c) cancel the undeveloped portion of the permit pursuant to ORS 537.260 or 537.410 to 537.450. The Department will grant the permittee a hearing on the cancellation, if one is requested.

In determining whether the permittee has been diligent, the Department will consider any information submitted to the Department by the permittee and any information submitted during the 30-day public comment period following public notice of submittal of the progress report.

If information is received through the public notice process indicating that the applicant has not been diligent toward completing the project, and if the director determines there are significant disputes related to the use of water, the Department will conduct a hearing.

ORIGINAL CONDITIONS

The well shall be cased as necessary in accordance with good practice and if the flow is artesian the works shall include proper capping and control valve to prevent the waste of ground water.

The works constructed shall include an air line and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the well at all times.

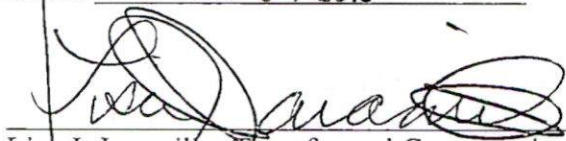
The permittee shall install and maintain a weir, meter, or other suitable measuring device, and shall keep a complete record of the amount of groundwater withdrawn.

The original permit was issued August 5, 1976. Actual construction work was to begin on or before October 1, 1977. By extension of time final order dated September 29, 2004, the deadline for completing construction and for complete application of water to use was extended to October 1, 2024.

Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Right Examiner (CWRE).

Issued

DEC 31 2019



Lisa J. Jaramillo, Transfer and Conservation Section Manager, for
THOMAS M BYLER, DIRECTOR
Oregon Water Resources Department

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Attachment B

Claim of Beneficial Use Map

Claim of Beneficial Use for Permit G-18310 – Ponderosa Pines Water Co.

Well 2 - DESC 8048

Well 3 - DESC 62194

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Attachment C

OWRD Water Well Reports

Claim of Beneficial Use for Permit G-18310 - Ponderosa Pines Water Co.

RECEIVED

WATER WELL REPORT

DESC

WATER RESOURCES DEPARTMENT

STATE OF OREGON

State Well No.

225/10E-76C

SALEM, OREGON 97310

APR 3 1979

(Please type or print)

State Permit No.

within 30 days from the date

of well completion

WATER RESOURCES DEPT.

Write above this line)

SALEM, OREGON

(1) OWNER:

Name Brooks Resources Corporation

Address 416 NE Greenwood Bend, OR 97701

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary ☒ Driven ☐
Cable ☒ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☒
Irrigation ☐ Test Well ☐ Other ☐

(5) CASING INSTALLED:

Threaded ☐ Welded ☒

10" Diam. from +2 ft. to -369 ft. Gage 250

" Diam. from ft. to ft. Gage

" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated? ☐ Yes ☒ No.

Type of perforator used

Size of perforations in. by in.

perforations from ft. to ft.

perforations from ft. to ft.

perforations from ft. to ft.

(7) SCREENS:

Well screen installed? ☐ Yes ☒ No

Manufacturer's Name

Type Model No.

Diam. Slot size Set from ft. to ft.

Diam. Slot size Set from ft. to ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? ☒ Yes ☐ No If yes, by whom? A&H

Yield: 1,290 gal./min. with 8 ft. drawdown after 1/4 hrs.

1,029 " 4.8 " 1/4 "

" 550 " 1.3 " 8 "

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

Artesian flow g.p.m.

Temperature of water 43° Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used Cement

Well sealed from land surface to 35 ft.

Diameter of well bore to bottom of seal 16 in.

Diameter of well bore below seal 10 in. to 370'8"

Number of sacks of cement used in well seal 115 to 403 sacks

How was cement grout placed? pumped

Was a drive shoe used? ☒ Yes ☐ No Plugs Size: location ft.

Did any strata contain unusable water? ☒ Yes ☐ No OWRD

Type of water? Iron & Mag. depth of strata 240 & 290

Method of sealing strata off Casing

Was well gravel packed? ☐ Yes ☒ No Size of gravel:

Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County Deschutes Driller's well number N/A

SW 1/4 NW 1/4 Section 7 T. 22S R. 10E W.M.

Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 45 ft.

Static level 77.6 ft. below land surface. Date

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 8"

Depth drilled 403 ft. Depth of completed well 403 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
Top soil	0	2	
Pumice	2	7	
Coarse sand	7	9	
Sand & clay - lt. brown	9	16	
Sand & clay - dk. brown	16	45	
Coarse sand & polished cinder w/thin clay strips (brown)	45	53	50
Sand-med. fine w/cinders	53	57	
Sand & no water at 57'			
Silt-fine, brown	57	80	
Silt - very fine	80	90	
Clay-fine, brown & yellow	90	115	
Clay-med. fine, brown	115	140	
Clay-fine, brown	140	230	
Tuff ash & blk cinder sand w/water	230	247	
Clay-tan w/red tint	247	285	
Tuft ash-black cinder sand	285	290	
Clay-brown	290	365	

Work started Feb. 12 1979 Completed Mar. 15 1979

Date well drilling machine moved off of well Mar. 15 1979

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] *Neil Mills* Date March 22, 1979
(Drilling Machine Operator)

Drilling Machine Operator's License No. 967

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name Orvail Buckner
(Person, firm or corporation) (Type or print)

Address 1686 NE Negus Way, Redmond, OR 97756

[Signed] *Orvail Buckner*
(Water Well Contractor)

Contractor's License No. 608 Date 3-27, 1979

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

DESC 62194

8/23/2020

WELL I.D. LABEL# L 137706
START CARD # 1047296
ORIGINAL LOG #

(1) LAND OWNER

Owner Well I.D. _____
First Name _____ Last Name _____
Company PONDEROSA PINES WATER COMPANY
Address 53275 PONDEROSA WAY
City LA PINE State OR Zip 97739

(2) TYPE OF WORK

☒ New Well ☐ Deepening ☐ Conversion
☐ Alteration (complete 2a & 10) ☐ Abandonment (complete 5a)

(2a) PRE-ALTERATION

Casing: Dia + From To Gauge Stl Plstc Wld Thrd
Material From To Amt sacks/lbs
Seal: _____

(3) DRILL METHOD

☒ Rotary Air ☒ Rotary Mud ☐ Cable ☐ Auger ☐ Cable Mud
☐ Reverse Rotary ☐ Other _____

(4) PROPOSED USE

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

(5) BORE HOLE CONSTRUCTION

Special Standard ☐ (Attach copy)

Depth of Completed Well 410.00 ft.

BORE HOLE			SEAL			Amt	sacks/ lbs
Dia	From	To	Material	From	To		
15	0	372	Cement	0	372	220	S
10	372	410			Calculated	198.4	
					Calculated		

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 _____

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount _____ Actual Amount _____

(6) CASING/LINER

Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd
Shoe ☐ Inside ☐ Outside ☐ Other Location of shoe(s) _____
Temp casing ☐ Yes Dia _____ From + _____ To _____

(7) PERFORATIONS/SCREENS

Perforations Method Factory Saw

Screens Type _____ Material _____

Perf/	Casing/	Screen	Dia	From	To	Scr/slot	Slot	# of	Tele/
Screen	Liner					width	length	slots	pipe size
Perf	Liner	8	372	410	.125	3	2100		

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

☒ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)
550 3 190 4

Temperature 51 °F Lab analysis ☐ Yes By _____

Water quality concerns? ☐ Yes (describe below) TDS amount 68 mg/L
From To Description Amount Units

(9) LOCATION OF WELL (legal description)

County DESCHUTES Twp 22.00 S N/S Range 10.00 E E/W WM
Sec 7 SE 1/4 of the NW 1/4 Tax Lot 6000
Tax Map Number _____ Lot _____
Lat _____ " or 43.68298663 DMS or DD
Long _____ " or -121.57863749 DMS or DD
☒ Street address of well ☐ Nearest address

51840 BLACK PINE WAY, LA PINE, OR 97739

(10) STATIC WATER LEVEL

Date SWL(psi) + SWL(ft)
Existing Well / Pre-Alteration _____
Completed Well 6/8/2020 86
Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES

Depth water was first found 235.00

SWL Date From To Est Flow SWL(psi) + SWL(ft)

5/17/2020	235	262	100		50
5/28/2020	378	410	1500		86

(11) WELL LOG

Ground Elevation 4722.00

Material	From	To
Top Soil & Pumice	0	9
Coarse Sand	9	17
Brown Sand & Clay	17	48
Coarse Sand & Cinders	48	61
Silty Brown Soft Clay	61	90
Yellow Clay	90	115
Brown Clay & Silt	115	235
Brown Sandstone Tuff & Cinders	235	262
Tan Clay	262	280
Black Sandstone Tuff & Cinders	280	290
Brown Clay	290	365
Hard Gray Basalt	365	378
Broken Basalt some Cinders	378	403
Broken Basalt & Void	403	407
Hard Broken Gray Basalt	407	410

Date Started 5/11/2020

Completed 6/18/2020

(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 _____ Date _____

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 1385 Date 8/23/2020

Signed ROBERT BUCKNER (E-filed)

Contact Info (optional) _____

Map of Hole

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STATE OF OREGON
WELL LOCATION MAP

This map is supplemental to the WATER SUPPLY WELL REPORT

Oregon Water Resources Department

725 Summer St NE, Salem OR 97301
(503)986-0900



LOCATION OF WELL

Latitude: 43.68298663 Datum: WGS84

Longitude: -121.57863749

Township/Range/Section/Quarter-Quarter Section:

WM22.00S10.00E7SENW

Address of Well:

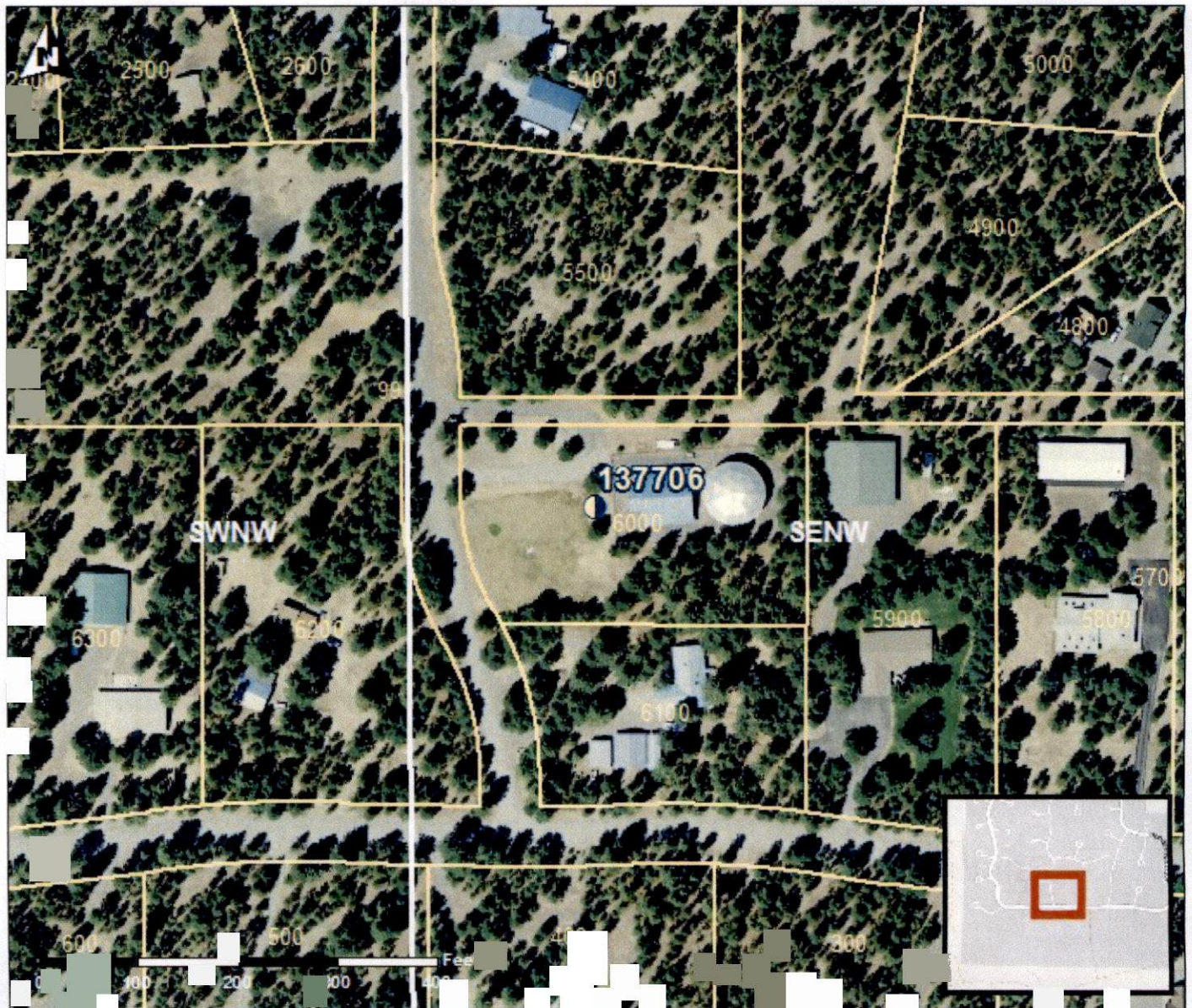
51840 BLACK PINE WAY, LAPINE, OR 97739

Well Label: 137706

Printed: August 23, 2020

DISCLAIMER: This map is intended to represent the approximate location the well. It is not intended to be construed as survey accurate in any manner.

Provided by well constructor



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Attachment D
2019 Progress Report
Claim of Beneficial Use for Permit G-18310 – Ponderosa Pines Water Co.



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

Extension of Time Progress Report Form For Checkpoints

TO THE DIRECTOR OF THE OREGON WATER RESOURCES DEPARTMENT

Permit Holder: Ponderosa Pines Water Company

Application G-7020
Permit G-18310

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Report Due no later than October 1, 2019

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Progress Report Form for 2019

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As authorized in ORS 690-315-0050(6), this progress report is required in order to ensure diligence is exercised in the development and perfections of Permit G-18310

INSERT DATES	LIST ALL WORK ACCOMPLISHED and FINANCIAL INVESTMENTS For the period of time between October 1, <u>2014</u> and October 1, <u>2019</u>	FINANCIAL INVESTMENT
2014-2019	Installed 15 meters	\$15,000.00
10-19-17	Pump parts and variable speed drive for 15 hp pump	\$4,524.00
11-09-17	Well #2 size 3 starter w/overloads	\$1,440.50
01-05-18	Installed 20 hp 240 volt 3-phase soft start	\$1,824.00
03-06-18	Well #2 size 3 starter w/overloads	\$1,444.95
03-05-18	Installed pump and supply for variable frequency drive	\$6,753.00
08-20-19	Well #2 auto dialer	\$ 605.00
07-09-19	Well #2 pump repair	\$1,358.20

2. Compliance with terms and conditions of the permit and/or previous extension.

Conditions of Permit G-18310

The well shall be cased as necessary in accordance with good practice and if the flow is artesian the works shall include proper capping and control valve to prevent the waste of ground water.

IN COMPLIANCE – The wells are constructed according to the general standards and are not artesian.

The works constructed shall include an airline and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the well at all times.

IN COMPLIANCE – An access port with airline is installed in each well to measure water levels.

The permittee shall install and maintain a weir, meter, or other suitable measuring device, and shall keep a complete record of the amount of ground water withdrawn.

IN COMPLIANCE – All wells include a flow measuring device and Ponderosa Pines Water Company (PPWC) maintains a complete record of the amount of groundwater withdrawn. PPWC submits water use reports to OWRD annually.

Conditions of Extension Final order issued September 29, 2004

The permittee must submit a written progress report to the Department by October 1, of the years 2009, 2014 and 2019.

***IN COMPLIANCE** – PPWC submitted a Progress Report Form for October 2009 and 2014. This is the third Progress Report Form PPWC has submitted, which documents PPWC's progress toward development of the permit from 2014 through 2019.*

The deadline for completing construction and for complete application of water was extended to October 1, 2024.

***NOT YET COMPLETE** – PPWC has completed construction of the wells and elements of the water system, and used water at the maximum authorized rate. However, there are still lots within the permit's authorized place of use that have not been built out and, therefore, have not been served water for group domestic use. PPWC plans to provide water to these portions of the authorized place of use as part of fully developing the permit.*

Conditions of Permit Amendment T-13234 and T-12763

The combined quantity of water diverted at the additional points of appropriation (Wells 2 and 3), together with that diverted at the old point of appropriation (Well 1), shall not exceed the quantity of water lawfully available at the original point of appropriation (Well 1).

***IN COMPLIANCE** – PPWC has not exceeded the allowed quantity of water authorized at the original points of appropriation.*

The permittee shall install a totalizing flow meter, or other suitable measuring device, keep maintain the meters in good working order, and allow the Watermaster access to the meters upon access request with reasonable notice.

***IN COMPLIANCE** – All wells include a flow measuring device and Ponderosa Pines Water Company (PPWC) maintains the meters in good working order.*

Water shall be acquired from the same aquifer as the original points of diversion

***IN COMPLIANCE** – All wells acquire water from the same aquifer as the original POAs.*

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3. Total number of acres irrigated to date= N/A (if applicable)

4. Provide the maximum rate, or duty if applicable, of water diverted for beneficial use under this permit, if any, made to date.

Maximum rate used to date = 0.33 cfs (cubic feet per second), or

Maximum rate used to date = gpm (gallons per minute), or

Acre Feet stored to date = AF

*Report the rate in the same units of measurement as specified in the permit, being cfs (cubic feet per second), gpm (gallons per minute) or AF (acre-feet). **Do not provide daily, monthly or annual water volume totals.***

Signature _____ Date _____

For OWRD use only

Diligence Shown ☐ Yes ☐ No

Date Public Noticed: _____

Reviewed by: _____

Date: _____