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:

8/14/2002

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OCT 13 2026
OWRD

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).
AS OF APRIL 1, 2026: For groundwater permits with priority dates on or after December 20, 1988, the Claim of Beneficial Use shall either provide documentation that the pump test or exemption request as required under OAR 690-217 has been **submitted** for each well or **include** the required pump test or exemption request for each well with the claim. **Claims that do not meet this requirement will not be accepted.**

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 Reimbursement Authority program that allows it to enter into a voluntary agreement with an applicant for expedited services. Applicants interested in an estimate of the cost and timeline for expedited processing must submit a Reimbursement Authority Estimate Application and required fee. The form and additional 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-15824	G-15645	T-NA

2. Property Owner (current owner information):

Applicant/Business Name	Phone No.	Additional Contact No.
HP Inc.	**(541) 360-4004**	
Address: **1000 NE Circle Blvd**		
City: **Corvallis**	State: **OR**	Zip: **97330**
E-Mail: **kevin_harding@hp.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		
HP Inc. (Hewlett Packard Co.)* Request for Assignment form received by OWRD on 8/28/2026		
Address: **1000 NE Circle Blvd**		
City: **Corvallis**	State: **OR**	Zip: **97330**

Additional Permit Holder of Record		
NA		
Address		
City	State	Zip

4. Date of Site Inspection:

8/13/2026

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

Name	Date	Association with the Project
Kevin Harding	**8/13/26 & 9/16/26**	**EHS & Sustainability Manager**

6. County:

Benton

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

Received
OCT 13 2026
OWRD

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.
Michael Higgins		(858) 775-0811	
ADDRESS			
1672 SW Country Pl			
CITY	STATE	ZIP	E-MAIL
Corvallis	OR	97333	mhigginsrocks@gmail.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
	Kevin Harding	EHS + Sustainability Manager	10/7/2026

Received
OCT 13 2026
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)
1	BENT 3927	61528
5	BENT 1098	61527
6	BENT 331	61526
A	BENT 3952	61531

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
1	Willamette	Stewart Slough
5	Willamette	Stewart Slough
6	Willamette	Stewart Slough
A	Willamette	Stewart Slough

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)
1	IR	Lawn, garden	3/1 to 10/31	30 GPM
5	IR	Lawn, garden	3/1 to 10/31	50 GPM
6	IR	Lawn, garden	3/1 to 10/31	30 GPM
A	IR	Lawn, garden	3/1 to 10/31	30 GPM
Total Quantity of Water Used				140 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:

Well(s) are used for dewatering and aquifer penetration to pull and convey water via submersible pump(s) with 2.5-inch schedule 40 PVC (ASTM d1785) pipe, then discharges into Stewart Lake (on-site reservoir). During the irrigation season, the lake is then used as a bulge in the system where an intake valve equipped with screen filter and vault pump house is used to pump and convey the temporally stored water into the irrigation distribution pipe system installed with mainline pipes (schedule 40 and 80 PVC) and lateral pipes (e.g. ½-inch Flexible Polypipe) for sprinkler connections. Mainline and lateral pipe system has the capacity to deliver water to the place of use for irrigation and beneficial use without waste.

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

Received
OCT 13 2026
OWRD

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."*)

The permit allowed six points of appropriation wells (POA's) for IR and Industrial use. The water user developed four of the POA's, in compliance with current well construction standards. Extension work completed with new pumps installed with meters. On-site Stewart Lake was previously being used as a bulge in the system for the irrigation system but had limiting capacity and filtration issues. HP is currently planning to study to improve the storage capacity and filtration system with use of connected storage tanks. The study for upgrading the delivery system will be completed in the near future. The wells are not being used for industrial use. Wells 1, 5, 6 and A are used for on-site dewatering and irrigation use.

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
1	0.31	0.09	NA	IR	24.8	24.5
5	0.31	0.15	NA	IR	24.8	24.5
6	0.31	0.09	50 GPM*	IR	24.8	24.5
A	0.31	0.09	30 GPM	IR	24.8	24.5

*** Well 6 Pump Test (9/28/26) – constant pumping flow rate (50-gpm) @ 30 PSI**

Received
OCT 13 2026
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):

1

A. Place of Use

1. Is the right for municipal use? YES 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
11S	5W	WM	25	NWNW	NA	NA	IR	0.01	0
11S	5W	WM	25	NENW	NA	NA	IR	0.69	0
11S	5W	WM	25	SENW	NA	NA	IR	11.16	0
11S	5W	WM	25	SWNW	NA	NA	IR	5.71	0
11S	5W	WM	25	NWNE	NA	NA	IR	0.01	0
11S	5W	WM	25	SWNE	NA	NA	IR	1.12	0
11S	5W	WM	25	NWSE	NA	NA	IR	0.08	0
11S	5W	WM	25	SWSE	NA	NA	IR	0.02	0
11S	5W	WM	25	NESW	NA	NA	IR	2.31	0
11S	5W	WM	25	SESW	NA	NA	IR	3.34	0
Total Acres Irrigated								24.45	0

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:

Each well is in an underground vault and equipped with downhole instruments, including flow meter and transducer data logger to measure and record the instantaneous pumping rate and water level. Each well has a main control panel monitoring (VFD) system which functions automatically (with float/ball-valve) or manually as needed.

Received
OCT 13 2026
OWRD

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
8"	58'	60'	1-22-89	None	Hewlett Packard	Bart D. Jones

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 1 – Log ID: BENT 3927 (TAG: L-61528)

Received
OCT 13 2026
OWRD

C. Groundwater Source Information (Sump)

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

If "NO", items 2 through 4 relating to this section may be deleted.
Reminder: Construction standards for sumps can be found in OAR 690-210-0400.

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 9 may be deleted.

2. Pump Information:

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Franklin Electric	45FS3S4-PE	NA	Submersible	4"	2.0"

3. Motor Information:

MANUFACTURER	HORSEPOWER
Franklin Electric	3

4. Theoretical Pump Capacity – Pump at Well:

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)
3	80	25	5	0.09

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

5. Provide pump calculations:

(hp)(efficiency) / (lift + psi head) = capacity in cfs
Efficiency: Turbine = 7.04; HP: 3.0; Efficiency * HP → [7.04*3.0] = 21.12;
Operating PSI: (80); [(1-psi/.433)(1.1) = head (feet/psi) → 2.54 feet head/psi]
Head PSI (in ft/psi): ((PSI/0.433)*(1.1)) =>((80 psi / 0.433) x (1.1)) = 203.2-ft
Elevation Discharge Lift: (25-ft + 5-ft) = 30-ft
Total Dynamic Head: Discharge lift (ft) plus Head (ft/psi) =>(30-ft + 203.2ft) = 233.2-ft

Pump Capacity: [(HP*Efficiency) / Total Dynamic Head]
=> [(3 HP)(7.04 ft4/sec/HP) / 233.2-ft] = 0.09 ft3/sec
Total Theoretical Capacity: 0.09 CFS

Received
OCT 13 2026
OWRD

6. Measured Pump Capacity (using meter if meter was present and system was operating): Not operating

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

7. Theoretical Pump Capacity – Pump at Sump: (lake pump vault)

Horsepower	Operating PSI	Lift from Source to Ground Surface (the lift from the water surface to the pump)	Lift to Place of Use (the lift from the pump to the place of use)	Total Pump Output (in cfs)
20	80	2.5	5	0.63

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

8. Provide pump calculations:

(hp)(efficiency) / (lift + psi head) = capacity in cfs
Efficiency: Turbine = 7.04; HP: 20.0; Efficiency * HP ➔ [7.04*20.0] = 140.8;
Operating PSI: (80); [(1-psi/.433)(1.1) = head (feet/psi) ➔ 2.54 feet head/psi]
Head PSI (in ft/psi): ((PSI/0.433)*(1.1)) =>((80 psi / 0.433) x (1.1)) = 203.2-ft
Elevation Discharge Lift: (2.5-ft + 5-ft) = 7.5-ft
Total Dynamic Head: Discharge lift (ft) plus Head (ft/psi) =>(7.5-ft + 203.2ft) = 210.7-ft

Pump Capacity: [(HP*Efficiency) / Total Dynamic Head]
=> [(20.0 HP)(7.04 ft4/sec/HP) / 210.7-ft] = 0.67 ft3/sec
Total Theoretical Capacity: 0.67 CFS

9. Measured Pump Capacity (using meter if meter was present and system was operating): Not operating

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

10. Is the distribution system piped? YES NO

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

11. Mainline Information:

Mainline Size	Length	Type of Pipe	Buried or Above Ground
6.0"	15,025'	Schedule 40 & 80 PVC	Buried
4.0"	6,450'	Schedule 40 & 80 PVC	Buried
3.0"	16,455'	Schedule 40 & 80 PVC	Buried
2.0"	2,310'	Schedule 40 & 80 PVC	Buried
1.0"	515'	Schedule 40 & 80 PVC	Buried
10.0"	3,165	Schedule 40 & 80 PVC	Buried (well to lake supply lines)

Received
OCT 13 2026
OWRD

12. Lateral or Handline Information:

Lateral or Handline Size	Length	Type of Pipe	Buried or Above Ground
1.0"	Varies / NA	Schedule 40 & 80 PVC	Buried
0.5"	Varies / NA	Flexible Polypipe	Buried & above ground

13. Sprinkler Information:

Size	Operating PSI	Sprinkler Output (GPM)	Total Number of Sprinklers	Maximum Number Used	Total Sprinkler Output (CFS)
Varies	25-70	(7.6) ave	(1,580) ave	18 (approx.)	0.31
3/32	30 (ave)	(1.2) ave	(3,265) ave.	115 (approx.)	0.31

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

14. Drip Emitter Information: NA

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

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
12"	1	6,000'	1,200' (ave.)	0.13 (ave.)	Rotation, planting beds

~~16. Pivot Information:~~ NA

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
OCT 13 2026
OWRD

2. Storage Tank: ***Study is planned for installation of storage tanks to increase capacity.**

Material (concrete, fiberglass, metal, etc.)	Capacity (in gallons)	Above Ground or Buried
NA	Na	NA

3. Bulge in System / Reservoir:

Reservoir Name or Number (correspond to map)	Approximate Dam Height	Approximate Capacity (in acre feet)
Stewart Lake	Below grade	14.0

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

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

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

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

H. Additional notes or comments related to the system:

The existing system is currently undergoing a new study to improve and update the storage capacity and distribution system for mitigation of filtration problems for piped distribution system. This would include using on-site storage tanks (type and size to be determined) as a bulge in the system. Well 6 pump test completed on 9/28/2026 by Jones Pump Company LLC.

Received
OCT 13 2026
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):

5

A. Place of Use

1. Is the right for municipal use? YES 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
11S	5W	WM	25	NWNW	NA	NA	IR	0.01	0
11S	5W	WM	25	NENW	NA	NA	IR	0.69	0
11S	5W	WM	25	SENW	NA	NA	IR	11.16	0
11S	5W	WM	25	SWNW	NA	NA	IR	5.71	0
11S	5W	WM	25	NWNE	NA	NA	IR	0.01	0
11S	5W	WM	25	SWNE	NA	NA	IR	1.12	0
11S	5W	WM	25	NWSE	NA	NA	IR	0.08	0
11S	5W	WM	25	SWSE	NA	NA	IR	0.02	0
11S	5W	WM	25	NESW	NA	NA	IR	2.31	0
11S	5W	WM	25	SESW	NA	NA	IR	3.34	0
Total Acres Irrigated								24.45	0

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:

Each well is in an underground vault and equipped with downhole instruments, including flow meter and transducer data logger to measure and record the instantaneous pumping rate and water level. Each well has a main control panel monitoring (VFD) system which functions automatically (with float/ball-valve) or manually as needed.

Received
OCT 13 2026
OWRD

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
8"	57.5'	57.5'	1-25-89	None	Hewlett Packard	Bart D. Jones

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 5 – Log ID: BENT 1098 (TAG: L-61527)

Received
OCT 13 2026
OWRD

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 9 may be deleted.

2. Pump Information:

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Grundfos	135S50	NA	Submersible	4"	2.0"

3. Motor Information:

MANUFACTURER	HORSEPOWER
Grundfos	5

4. Theoretical Pump Capacity – Pump at Well:

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)
5	80	25	5	0.15

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

5. Provide pump calculations:

(hp)(efficiency) / (lift + psi head) = capacity in cfs
Efficiency: Turbine = 7.04; HP: 3.0; Efficiency * HP → [7.04*5.0] = 35.2;
Operating PSI: (80); [(1-psi/.433)(1.1) = head (feet/psi) → 2.54 feet head/psi]
Head PSI (in ft/psi): ((PSI/0.433)*(1.1)) =>((80 psi / 0.433) x (1.1)) = 203.2-ft
Elevation Discharge Lift: (25-ft + 5-ft) = 30-ft
Total Dynamic Head: Discharge lift (ft) plus Head (ft/psi) =>(30-ft + 203.2ft) = 233.2-ft

Pump Capacity: [(HP*Efficiency) / Total Dynamic Head]
=> [(5 HP)(7.04 ft4/sec/HP) / 233.2-ft] = 0.15 ft3/sec
Total Theoretical Capacity: 0.15 CFS

Received
OCT 13 2026
OWRD

6. Measured Pump Capacity (using meter if meter was present and system was operating): Not operating

Initial Meter Reading	Ending Meter Reading	Duration of Time Observed	Total Pump Output (in cfs)
703123	NA	NA	NA

7. Theoretical Pump Capacity – Pump at Sump: (lake pump vault)

Horsepower	Operating PSI	Lift from Source to Ground Surface (the lift from the water surface to the pump)	Lift to Place of Use (the lift from the pump to the place of use)	Total Pump Output (in cfs)
20	80	2.5	5	0.63

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

8. Provide pump calculations:

(hp)(efficiency) / (lift + psi head) = capacity in cfs
Efficiency: Turbine = 7.04; HP: 20.0; Efficiency * HP ➔ [7.04*20.0] = 140.8;
Operating PSI: (80); [(1-psi/.433)(1.1) = head (feet/psi) ➔ 2.54 feet head/psi]
Head PSI (in ft/psi): ((PSI/0.433)*(1.1)) =>((80 psi / 0.433) x (1.1)) = 203.2-ft
Elevation Discharge Lift: (2.5-ft + 5-ft) = 7.5-ft
Total Dynamic Head: Discharge lift (ft) plus Head (ft/psi) =>(7.5-ft + 203.2ft) = 210.7-ft

Pump Capacity: [(HP*Efficiency) / Total Dynamic Head]
=> [(20.0 HP)(7.04 ft4/sec/HP) / 210.7-ft] = 0.67 ft3/sec
Total Theoretical Capacity: 0.67 CFS

9. Measured Pump Capacity (using meter if meter was present and system was operating): Not operating

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

10. Is the distribution system piped? YES NO

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

11. Mainline Information:

Mainline Size	Length	Type of Pipe	Buried or Above Ground
6.0"	15,025'	Schedule 40 & 80 PVC	Buried
4.0"	6,450'	Schedule 40 & 80 PVC	Buried
3.0"	16,455'	Schedule 40 & 80 PVC	Buried
2.0"	2,310'	Schedule 40 & 80 PVC	Buried
1.0"	515'	Schedule 40 & 80 PVC	Buried
10.0"	3,165	Schedule 40 & 80 PVC	Buried (well to lake supply lines)

Received
OCT 13 2026
OWRD

12. Lateral or Handline Information:

Lateral or Handline Size	Length	Type of Pipe	Buried or Above Ground
1.0"	Varies / NA	Schedule 40 & 80 PVC	Buried
0.5"	Varies / NA	Flexible Polypipe	Buried & above ground

13. Sprinkler Information:

Size	Operating PSI	Sprinkler Output (GPM)	Total Number of Sprinklers	Maximum Number Used	Total Sprinkler Output (CFS)
Varies	25-70	(7.6) ave	(1,580) ave	18 (approx.)	0.31
3/32	30 (ave)	(1.2) ave	(3,265) ave.	115 (approx.)	0.31

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

14. Drip Emitter Information: NA

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

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
12"	1	6,000'	1,200' (ave.)	0.13 (ave.)	Rotation, planting beds

~~16. Pivot Information:~~ NA

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
OCT 13 2026
OWRD

2. Storage Tank: *Study is planned for installation of storage tanks to increase capacity.

MATERIAL (CONCRETE, FIBERGLASS, METAL, ETC.)	CAPACITY (IN GALLONS)	ABOVE GROUND OR BURIED
NA	NA	NA

3. Bulge in System / Reservoir:

RESERVOIR NAME OR NUMBER (CORRESPOND TO MAP)	APPROXIMATE DAM HEIGHT	APPROXIMATE CAPACITY (IN ACRE FEET)
Stewart Lake	Below grade	14.0

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

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

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

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

H. Additional notes or comments related to the system:

The existing system is currently undergoing a new study to improve and update the storage capacity and distribution system for mitigation of filtration problems for piped distribution system. This would include using on-site storage tanks (type and size to be determined) as a bulge in the system. Well 6 pump test completed on 9/28/2026 by Jones Pump Company LLC.

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OCT 13 2026
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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):

6

A. Place of Use

1. Is the right for municipal use? YES 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
11S	5W	WM	25	NWNW	NA	NA	IR	0.01	0
11S	5W	WM	25	NENW	NA	NA	IR	0.69	0
11S	5W	WM	25	SENW	NA	NA	IR	11.16	0
11S	5W	WM	25	SWNW	NA	NA	IR	5.71	0
11S	5W	WM	25	NWNE	NA	NA	IR	0.01	0
11S	5W	WM	25	SWNE	NA	NA	IR	1.12	0
11S	5W	WM	25	NWSE	NA	NA	IR	0.08	0
11S	5W	WM	25	SWSE	NA	NA	IR	0.02	0
11S	5W	WM	25	NESW	NA	NA	IR	2.31	0
11S	5W	WM	25	SESW	NA	NA	IR	3.34	0
Total Acres Irrigated								24.45	0

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:

Each well is in an underground vault and equipped with downhole instruments, including flow meter and transducer data logger to measure and record the instantaneous pumping rate and water level. Each well has a main control panel monitoring (VFD) system which functions automatically (with float/ball-valve) or manually as needed.

Received
OCT 13 2026
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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
8"	60'	60'	1-25-89	None	Hewlett Packard	Bart D. Jones

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 6 – Log ID: BENT 331 (TAG: L-61526)

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OCT 13 2026
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C. Groundwater Source Information (Sump)

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

If "NO", items 2 through 4 relating to this section may be deleted.
Reminder: Construction standards for sumps can be found in OAR 690-210-0400.

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 9 may be deleted.

2. Pump Information:

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Franklin Electric	45FS3S4-PE	NA	Submersible	4"	2.0"

3. Motor Information:

MANUFACTURER	HORSEPOWER
Franklin Electric	3

4. Theoretical Pump Capacity – Pump at Well:

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)
3	80	25	5	0.09

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

5. Provide pump calculations:

(hp)(efficiency) / (lift + psi head) = capacity in cfs
Efficiency: Turbine = 7.04; HP: 3.0; Efficiency * HP → [7.04*3.0] = 21.12;
Operating PSI: (80); [(1-psi/.433)(1.1) = head (feet/psi) → 2.54 feet head/psi]
Head PSI (in ft/psi): ((PSI/0.433)*(1.1)) =>((80 psi / 0.433) x (1.1)) = 203.2-ft
Elevation Discharge Lift: (25-ft + 5-ft) = 30-ft
Total Dynamic Head: Discharge lift (ft) plus Head (ft/psi) =>(30-ft + 203.2ft) = 233.2-ft

Pump Capacity: [(HP*Efficiency) / Total Dynamic Head]
=> [(3 HP)(7.04 ft4/sec/HP) / 233.2-ft] = 0.09 ft3/sec
Total Theoretical Capacity: 0.09 CFS

Received
OCT 13 2026
OWRD

6. Measured Pump Capacity (using meter if meter was present and system was operating): Not operating

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

7. Theoretical Pump Capacity – Pump at Sump: (lake pump vault)

Horsepower	Operating PSI	Lift from Source to Ground Surface (the lift from the water surface to the pump)	Lift to Place of Use (the lift from the pump to the place of use)	Total Pump Output (in cfs)
20	80	2.5	5	0.63

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

8. Provide pump calculations:

(hp)(efficiency) / (lift + psi head) = capacity in cfs
Efficiency: Turbine = 7.04; HP: 20.0; Efficiency * HP ➔ [7.04*20.0] = 140.8;
Operating PSI: (80); [(1-psi/.433)(1.1) = head (feet/psi) ➔ 2.54 feet head/psi]
Head PSI (in ft/psi): ((PSI/0.433)*(1.1)) =>((80 psi / 0.433) x (1.1)) = 203.2-ft
Elevation Discharge Lift: (2.5-ft + 5-ft) = 7.5-ft
Total Dynamic Head: Discharge lift (ft) plus Head (ft/psi) =>(7.5-ft + 203.2ft) = 210.7-ft

Pump Capacity: [(HP*Efficiency) / Total Dynamic Head]
=> [(20.0 HP)(7.04 ft4/sec/HP) / 210.7-ft] = 0.67 ft3/sec
Total Theoretical Capacity: 0.67 CFS

9. Measured Pump Capacity (using meter if meter was present and system was operating): Not operating

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

10. Is the distribution system piped? YES NO

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

11. Mainline Information:

Mainline Size	Length	Type of Pipe	Buried or Above Ground
6.0"	15,025'	Schedule 40 & 80 PVC	Buried
4.0"	6,450'	Schedule 40 & 80 PVC	Buried
3.0"	16,455'	Schedule 40 & 80 PVC	Buried
2.0"	2,310'	Schedule 40 & 80 PVC	Buried
1.0"	515'	Schedule 40 & 80 PVC	Buried
10.0"	3,165	Schedule 40 & 80 PVC	Buried (well to lake supply lines)

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OCT 13 2026 WR
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12. Lateral or Handline Information:

Lateral or Handline Size	Length	Type of Pipe	Buried or Above Ground
1.0"	Varies / NA	Schedule 40 & 80 PVC	Buried
0.5"	Varies / NA	Flexible Polypipe	Buried & above ground

13. Sprinkler Information:

Size	Operating PSI	Sprinkler Output (GPM)	Total Number of Sprinklers	Maximum Number Used	Total Sprinkler Output (CFS)
Varies	25-70	(7.6) ave	(1,580) ave	18 (approx.)	0.31
3/32	30 (ave)	(1.2) ave	(3,265) ave.	115 (approx.)	0.31

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

14. Drip Emitter Information: NA

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

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
12"	1	6,000'	1,200' (ave.)	0.13 (ave.)	Rotation, planting beds

~~16. Pivot Information:~~ NA

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
OCT 13 2026
OWRD

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2. Storage Tank: *Study is planned for installation of storage tanks to increase capacity.

Material (concrete, fiberglass, metal, etc.)	Capacity (in gallons)	Above Ground or Buried
NA	NA	NA

3. Bulge in System / Reservoir:

Reservoir Name or Number (correspond to map)	Approximate Dam Height	Approximate Capacity (in acre feet)
Stewart Lake	Below grade	14.0

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

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

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

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

H. Additional notes or comments related to the system:

The existing system is currently undergoing a new study to improve and update the storage capacity and distribution system for mitigation of filtration problems for piped distribution system. This would include using on-site storage tanks (type and size to be determined) as a bulge in the system. Well 6 pump test completed on 9/28/2026 by Jones Pump Company LLC.

Received
OCT 13 2026
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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):

A

A. Place of Use

1. Is the right for municipal use? YES 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
11S	5W	WM	25	NWNW	NA	NA	IR	0.01	0
11S	5W	WM	25	NENW	NA	NA	IR	0.69	0
11S	5W	WM	25	SENW	NA	NA	IR	11.16	0
11S	5W	WM	25	SWNW	NA	NA	IR	5.71	0
11S	5W	WM	25	NWNE	NA	NA	IR	0.01	0
11S	5W	WM	25	SWNE	NA	NA	IR	1.12	0
11S	5W	WM	25	NWSE	NA	NA	IR	0.08	0
11S	5W	WM	25	SWSE	NA	NA	IR	0.02	0
11S	5W	WM	25	NESW	NA	NA	IR	2.31	0
11S	5W	WM	25	SESW	NA	NA	IR	3.34	0
Total Acres Irrigated								24.45	0

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:

Each well is in an underground vault and equipped with downhole instruments, including flow meter and transducer data logger to measure and record the instantaneous pumping rate and water level. Each well has a main control panel monitoring (VFD) system which functions automatically (with float/ball-valve) or manually as needed.

Received
OCT 13 2026
OWRD

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
10"	43'	55'	2/25/76	None	CH M Hill	MUTSCHLER, LEROY
8"	43-54'					

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 A – Log ID: BENT 3952 (TAG: L-61531)

Received
OCT 13 2026
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C. Groundwater Source Information (Sump)

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

If "NO", items 2 through 4 relating to this section may be deleted.
Reminder: Construction standards for sumps can be found in OAR 690-210-0400.

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 9 may be deleted.

2. Pump Information:

Manufacturer	Model	Serial Number	Type (centrifugal, turbine or submersible)	Intake Size	Discharge Size
Franklin Electric	45FS3S4-PE	NA	Submersible	4"	2.0"

3. Motor Information:

Manufacturer	Horsepower
Franklin Electric	3

4. Theoretical Pump Capacity – Pump at Well:

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)
3	80	25	5	0.09

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

5. Provide pump calculations:

(hp)(efficiency) / (lift + psi head) = capacity in cfs
Efficiency: Turbine = 7.04; HP: 3.0; Efficiency * HP → [7.04*3.0] = 21.12;
Operating PSI: (80); [(1-psi/.433)(1.1) = head (feet/psi) → 2.54 feet head/psi]
Head PSI (in ft/psi): ((PSI/0.433)*(1.1)) =>((80 psi / 0.433) x (1.1)) = 203.2-ft
Elevation Discharge Lift: (25-ft + 5-ft) = 30-ft
Total Dynamic Head: Discharge lift (ft) plus Head (ft/psi) =>(30-ft + 203.2ft) = 233.2-ft

Pump Capacity: [(HP*Efficiency) / Total Dynamic Head]
=> [(3 HP)(7.04 ft4/sec/HP) / 233.2-ft] = 0.09 ft3/sec
Total Theoretical Capacity: 0.09 CFS

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OCT 13 2026
OWRD

6. Measured Pump Capacity (using meter if meter was present and system was operating): Not operating

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

7. Theoretical Pump Capacity – Pump at Sump: (lake pump vault)

Horsepower	Operating PSI	Lift from Source to Ground Surface (the lift from the water surface to the pump)	Lift to Place of Use (the lift from the pump to the place of use)	Total Pump Output (in cfs)
20	80	2.5	5	0.63

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

8. Provide pump calculations:

(hp)(efficiency) / (lift + psi head) = capacity in cfs
Efficiency: Turbine = 7.04; HP: 20.0; Efficiency * HP ➔ [7.04*20.0] = 140.8;
Operating PSI: (80); [(1-psi/.433)(1.1) = head (feet/psi) ➔ 2.54 feet head/psi]
Head PSI (in ft/psi): ((PSI/0.433)*(1.1)) =>((80 psi / 0.433) x (1.1)) = 203.2-ft
Elevation Discharge Lift: (2.5-ft + 5-ft) = 7.5-ft
Total Dynamic Head: Discharge lift (ft) plus Head (ft/psi) =>(7.5-ft + 203.2ft) = 210.7-ft

Pump Capacity: [(HP*Efficiency) / Total Dynamic Head]
=> [(20.0 HP)(7.04 ft4/sec/HP) / 210.7-ft] = 0.67 ft3/sec
Total Theoretical Capacity: 0.67 CFS

9. Measured Pump Capacity (using meter if meter was present and system was operating): Not operating

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

10. Is the distribution system piped? YES NO

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

11. Mainline Information:

Mainline Size	Length	Type of Pipe	Buried or Above Ground
6.0"	15,025'	Schedule 40 & 80 PVC	Buried
4.0"	6,450'	Schedule 40 & 80 PVC	Buried
3.0"	16,455'	Schedule 40 & 80 PVC	Buried
2.0"	2,310'	Schedule 40 & 80 PVC	Buried
1.0"	515'	Schedule 40 & 80 PVC	Buried
10.0"	3,165	Schedule 40 & 80 PVC	Buried (well to lake supply lines)

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OCT 13 2026
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12. Lateral or Handline Information:

Lateral or Handline Size	Length	Type of Pipe	Buried or Above Ground
1.0"	Varies / NA	Schedule 40 & 80 PVC	Buried
0.5"	Varies / NA	Flexible Polypipe	Buried & above ground

13. Sprinkler Information:

Size	Operating PSI	Sprinkler Output (GPM)	Total Number of Sprinklers	Maximum Number Used	Total Sprinkler Output (CFS)
Varies	25-70	(7.6) ave	(1,580) ave	18 (approx.)	0.31
3/32	30 (ave)	(1.2) ave	(3,265) ave.	115 (approx.)	0.31

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

14. Drip Emitter Information: NA

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

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
12"	1	6,000'	1,200' (ave.)	0.13 (ave.)	Rotation, planting beds

~~16. Pivot Information:~~ NA

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.

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OCT 13 2026
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2. Storage Tank: *Study is planned for installation of storage tanks to increase capacity.

Material (concrete, fiberglass, metal, etc.)	Capacity (in gallons)	Above Ground or Buried
NA	NA	NA

3. Bulge in System / Reservoir:

Reservoir Name or Number (correspond to map)	Approximate Dam Height	Approximate Capacity (in acre feet)
Stewart Lake	Below grade	14.0

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

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

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

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

H. Additional notes or comments related to the system:

The existing system is currently undergoing a new study to improve and update the storage capacity and distribution system for mitigation of filtration problems for piped distribution system. This would include using on-site storage tanks (type and size to be determined) as a bulge in the system. Well 6 pump test completed on 9/28/2026 by Jones Pump Company LLC.

Received
OCT 13 2026
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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	6/11/2004		
Begin construction (A)	NA	6/11/2004	Construction of the wells were completed prior to October 1, 2008
Complete construction (B)	10/1/2008 (10/1/2025)*	Fall, 2019	No work was completed during the original development time frame under Permit G-15645, as all work was completed prior to permit issuance. System upgrades: well (new) pump, meter installation and distribution pipes completed during the extension progress periods of October 1, 2019 and 2024.
Complete application of water (C)	10/1/2025	IR season of 2021	Beneficial use of water for IR use is complete with the four wells (1, 5, 6, A) as authorized with construction compliance.

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

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.

b. Were the Progress Reports submitted? YES NO

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? YES NO

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

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OCT 13 2026
OWRD

4. Annual Static Water Level Measurements:

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

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

5. Pump Test:

a. Is a pump test required? YES NO

Ground water permits with priority dates on or after December 20, 1988, the Claim of Beneficial Use shall either provide documentation that the pump test or exemption request, as required under OAR 690-217, has been submitted for each well or include the required pump test or exemption request for each well with the claim (this includes an exemption request for sump wells).

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/exemption been previously submitted to the Department? YES NO*

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

As of April 1, 2026: a pump test or exemption request must be submitted prior to or at time of the claim report (ORS 690-014-0100(H)). *If "NO", the claim is incomplete and will be returned.

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**

****The Claim 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 ***Condition of meter: Requires calibration or will be replaced with new meter.***

POD/POA Name or #	Manufacturer	Serial #	Condition (working or not)	Current Meter Reading	Date Installed
1	Seametrics	09190668	Not*	NA	Oct. 2019
5	CEPS/ McCrometer	90	Not*	703123	2002 (?)
6	Glow Tech	gem 2004006	Yes	3969.937	Oct. 2019
A	Seametrics	09190667	Not*	NA	Oct. 2019

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

Received
OCT 13 2026
OWRD

7. Recording and reporting conditions:

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

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

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
61528	2002
61527	2002
61526	2002
61531	2002

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) in the box below. If the condition required the approval of a plan, submit documentation that the plan was approved.

The use of water from Well B and Well C is not allowed until the wells are reconstructed to meet minimum construction standards. Well B (BENT 52237) and Well C (BENT 52238) have not been constructed in compliance with well construction standards. Thus, these two wells are not being used for this permit. Extension of permit allowed for update and installation of the well pump and motors, new pipe lines and filtration for the lake pump station (vault).

SECTION 6

ATTACHMENTS

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

ATTACHMENT NAME	DESCRIPTION
Pump Test & Multi-Well Exemption Request Approval	**OWRD Groundwater Section: Pump test and Multi-Well Exemption Request approval letter (dated 9/30/2026)**

Received
OCT 13 2026
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SECTION 7

CLAIM OF BENEFICIAL USE MAP

In order to properly examine your claim, the Department must have an accurate map that meets the criteria described in OAR 690-014-0170 and OAR 690-305-0010, which are provided below for your convenience:

OAR 690-014-0170 Minimum Requirements for Maps for Permit or Transfer Final Order Claims of Beneficial Use

(1) Maps submitted by a CWRE as part of the Claim of Beneficial Use shall meet the standards in OAR chapter 690, division 305. In addition, the map shall meet the following criteria:
   (a) Horizontal accuracy is required only to ten feet for the purpose of locating and quantifying water rights. Maps shall be developed from any standard survey method. Traverse closures are not required.
   (b) Maps shall clearly designate the place of use and point of diversion or appropriation for each source and use.
   (c) The map shall indicate by description, in relation to the point of diversion or appropriation, the location of any fish screens, by-pass devices, and measuring devices required by the permit or transfer final order.
   (d) The following statement shall be placed on the map: "This map is not intended to provide legal dimensions or locations of property ownership lines."

(2) A CWRE may make a written request to the Director for a waiver of one or more mapping standards. The Director will determine whether the waiver shall be allowed and will respond to such requests in writing.

OAR 690-305-0010 General Map Criteria

Each map submitted to the Department shall meet the following general criteria in addition to any specific criteria identified in the rules for the relevant water right transaction:

(1) Drawing
   (a) The map shall be drafted on paper or polyester film with ink or otherwise printed in an indelible form with sufficient clarity so as to be easily reproduced or scanned. Maps may be submitted electronically in portable document format (pdf) and must be prepared consistent with, and include the same information as, a paper map.
   (b) The preferred paper size is 8.5 inches by 11 inches and should be no larger than 30 inches by 30 inches. A map greater than 30 inches by 30 inches may be submitted if the Department grants, by mail or electronic means, advance approval of the larger size.
   (c) Beginning April 1, 2029, regardless of whether the map is submitted electronically, on paper, or on polyester film, for any map that OAR chapter 690 requires be prepared by a Certified Water Right Examiner, a digital file containing the coordinate system and geospatial features of the map as specified by the Department shall be submitted in addition to the map, unless

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the Department provides a waiver. The digital file shall be submitted as a shapefile or other approved format in a manner required by the Department.

(d) A platted and recorded subdivision map, deed description survey map, or county assessor map may be submitted as the application map if all of the required information included in sections (2) and (3) of this rule is clearly shown.

(e) An aerial image may be provided in addition to the map to aid the Department in understanding the proposal.

(f) The map submitted under subsection (a) shall be the official record of the water right. An aerial image or digital file shall not be the official record of the water right.

(2) Scale

(a) The map shall be drawn to a standard, even-numbered scale and one-inch shall not exceed 1320 feet.

(b) The map scale may exceed 1320 feet per inch if the Department grants, by mail or electronic means, advance approval of the requested scale.

(c) Notwithstanding subsection (a) and (b), for maps identifying the location of a municipal use place of use, one-inch can exceed 1320 feet; provided that the scale is sufficient to identify the quarter-quarters involved in the place of use.

(3) Features: Features shall be clearly identified and labeled. Unless otherwise indicated in rule, the following features must be included in each map submitted to the Department:

(a) Mapping scale.

(b) North directional symbol.

(c) Legend.

(d) General location of main canals, ditches, flumes, pipelines, pumps, or other water delivery features used to transport water from the point(s) of diversion or appropriation to the place use and to include the delivery features at the place of use.

(e) Other topographical features such as rivers, creeks, streams, lakes, reservoirs, ponds, roads, or railroads that may be helpful to clarify and identify the location of points of diversion, wells, dams, and places of use.

(f) Location and flow direction of the water way if the source is surface water. If multiple water ways exist in the area of the proposed diversion and use, the map must identify the location and flow direction of the additional water ways.

(g) Township, range, section, quarter-quarter, and tax lot(s), donation land claims, or government lots where water will be or has been diverted, conveyed, and used. If the map is for municipal use the map:

(A) Must identify but does not need to label the quarter-quarters,

(B) Does not need to identify or label tax lots, donation land claims, or government lots.

(h) Location of each proposed or developed diversion point, well (point of appropriation), or dam by reference to a recognized public land survey corner. For a reservoir without a dam, the center of the reservoir shall be referenced to a recognized public land survey corner.

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OCT 13 2026
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(A) The locations shall be shown by distance and bearing, or by coordinates (distance north or south and distance east or west from the corner). In addition, they shall also include latitude and longitude as established by a global positioning system.

(B) Latitude and longitude coordinates shall be expressed as degrees-decimal with five or more digits after the decimal (e.g., 42.53764º). The datum used to establish the coordinates shall be indicated on the map. Examples of datums include NAD 83, NAD 27 and WGS84.

(i) Location of the proposed or developed place of use by township, range, section, and nearest quarter-quarter section.

(A) For irrigation or nursery use, the map shall additionally indicate the place of use in each quarter-quarter of a section by shading or hatchuring and indicate the number of acres in each quarter-quarter section, donation land claim, government lot, or other recognized public land survey lines.

(B) For places of use that are limited to a point, such as a stock watering tank, the location may also be identified by distance and bearing, or by coordinates (distance north or south and distance east or west from the corner). In addition, they shall include latitude and longitude as established by a global positioning system.

(C) Latitude and longitude coordinates shall be expressed as degrees-decimal with five or more digits after the decimal (e.g., 42.53764º). The datum used to establish the coordinates shall be indicated on the map. Examples of datums include NAD 83, NAD 27 and WGS84.

(D) Where more than one point of diversion or well is included, the map must clearly identify the place(s) of use served by each point of diversion or well.

(j) If for a supplemental irrigation application or claim of beneficial use, the location and water right reference number of the underlying primary right, registration or claim.

(k) Any other information the Department requests and considers necessary to evaluate the water right transaction.

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Oregon
Tina Kotek, Governor

Water Resources Department
725 Summer St NE, Suite A
Salem, OR 97301
(503)986-0900
Fax (503) 986-0904

September 30, 2026

HP INC.
1000 NE Circle Blvd
Corvallis, OR 97330

GW

The Department has reviewed the status of your pump test and any requests for extension(s) or exemption(s) for the following permitted well(s). The results are summarized in the table below:

Application	Water Right	Permitted Well	Pumped Well	Test Date	Request Status	Problems	Exemption	Well Name
G 15824	Permit: G 15645 *	BENT0003427	BENT0000331	09/28/2026	APPROVED	0	Multiple Well	WELL 1
G 15824	Permit: G 15645 *	BENT0001098	BENT0000331	09/28/2026	APPROVED	0	Multiple Well	WELL 5
G 15824	Permit: G 15645 *	BENT0000331	BENT0000331	09/28/2026	APPROVED	0		WELL 6
G 15824	Permit: G 15645 *	BENT0003952	BENT0000331	09/28/2026	APPROVED	0	Multiple Well	WELL A

Pump tests are intended to provide aquifer and well information for ground water resource characterization and to help solve well problems (OAR 690-217-0015(9)). A review of the test results indicates that there are one or more deficiencies (listed below) related to the requirements for pump tests outlined in OAR 690-217, however; it is likely that any re-testing would constitute an unreasonable burden on the permittee and would provide data of only marginal value in satisfying the intent of the rules.

- The discharge rate was not held constant during the pumping phase of the test.

Approved pump test letters will be digitally posted to the water right in WRIS; all other pump test letters will be mailed to permit holder.

Please contact me if you have any questions.

Sincerely,

James Hootsmans

James Hootsmans
503-871-2378
Groundwater Section

cc: GW Pump Test File
cc: Certificates Section/Application File

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