

Application for Permit Amendment

Part 1 of 5 – Minimum Requirements Checklist



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

This permit amendment application will be returned if Parts 1 through 5 and all required attachments are not completed and included.
For questions, please call (503) 986-0900, and ask for Transfer Section.

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Check all items included with this application. (N/A = Not Applicable)

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- Part 1 – Completed Minimum Requirements Checklist.
- Part 2 – Completed Application Map Checklist.
- Part 3 – Application Fee, payable by check to the Oregon Water Resources Department, and completed Fee Worksheet, page 3. Try the new online fee calculator at: http://apps.wrd.state.or.us/apps/misc/wrd_fee_calculator.
- Part 4 – Completed Applicant Information and Signature.
- Part 5 – Information about Permits to be Amended: **Number of permits to be amended: 2**
List the Permits here: G-17577 & G-18155 (Attachment A)
Please include a separate Part 5 for each permit. (See instructions on page 6)
- Completed Permit Amendment Application Map (Does not have to be prepared by a Certified Water Right Examiner). **(Attachment B)**
- N/A Request for Assignment Form and statutory fee. The request for assignment form has to be completed if the applicant is **not** the permit holder of record and needs to be assigned to the permit; **or** the landowner of the proposed place of use is **not** the permit holder of record and needs to be assigned to the permit (the Request for Assignment Form is available online at <https://www.oregon.gov/OWRD/Forms/Pages/default.aspx>). Assignment is not needed if the applicant is the permit holder of record.
- N/A Affidavit(s) of Consent are required from all permit holder(s) of record if the permit is not assigned to the applicant **or** other permit holders of record that are not listed as applicants.
- N/A Oregon Water Resources Department’s Land Use Information Form with approval and signature (or signed land use form receipt stub) from each local land use authority in which water is to be diverted, conveyed, and/or used. Not required if water is to be diverted, conveyed, and/or used only on federal lands or if **all** of the following apply: a) a change in place of use only, b) no structural changes, c) the use of water is for irrigation only, and d) the use is located within an irrigation district or an exclusive farm use zone. **(Attachment C)**
- N/A Water Well Report/Well Log for changes in point(s) of appropriation (well(s)) or additional point(s) of appropriation. **(Attachment D)**
- N/A Geologist Report for a change from a surface water point of diversion to a ground water point of appropriation (well), if the proposed well is more than 500 feet from the surface water source and more than 1000 feet upstream or downstream from the point of diversion. (ORS 540.531(2) or (3)).

(For Staff Use Only)

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

<input type="checkbox"/> Application fee not enclosed/insufficient	<input type="checkbox"/> Map not included or incomplete
<input type="checkbox"/> Land Use Form not enclosed or incomplete	<input type="checkbox"/> Part _____ is incomplete
<input type="checkbox"/> Additional signature(s) required	
Other/Explanation _____	
Staff: _____ 503- _____ Date: ____/____/____	

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Your permit amendment application will be returned if any of the map requirements listed below are not met.

Please be sure that the map you submit includes all the items listed below and meets the requirements of OAR 690-380-3100, however, the map does not have to be prepared by a Certified Water Right Examiner. Check all boxes that apply.

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- N/A If **more than three** permits are involved, separate maps for each permit.
- Permanent quality printed with dark ink on good quality paper.
- The size of the map can be 8½ x 11 inches, 8½ x 14 inches, 11 x 17 inches, or up to 30 x 30 inches. For 30 x 30 inch maps, one extra copy is required.
- A north arrow, a legend, and scale.
- The scale of the map must be: 1 inch = 400 feet, 1 inch = 1,320 feet, the scale of the county assessor map if the scale is not smaller than 1 inch = 1,320 feet, or a scale that has been pre-approved by the Department.
- Township, Range, Section, ¼ ¼, DLC, Government Lot, and other recognized public land survey lines.
- Tax lot boundaries (property lines) are required. Tax lot numbers are recommended.
- Major physical features including rivers and creeks showing direction of flow, lakes and reservoirs, roads, and railroads.
- Major water delivery system features from the point(s) of diversion/appropriation such as main pipelines, canals, and ditches.
- Existing place of use that includes separate hachuring for each water use permit, priority date, and use including number of acres in each quarter-quarter section, government lot, or in each quarter-quarter section as projected within government lots, donation land claims, or other recognized public land survey subdivisions. If less than the entirety of the permit is being changed, a separate hachuring is needed for the portion of the permit left unchanged.
- N/A If you are proposing a change in place of use, show the proposed place of use with hachuring that includes separate hachuring for each permit, priority date, and use including number of acres in each quarter-quarter section, government lot, or in each quarter-quarter section as projected within government lots, donation land claims, or other recognized public land survey subdivisions.
- Existing point(s) of diversion or well(s) with distance and bearing or coordinates from a recognized survey corner. This information can be found in your water use permit.
- N/A If you are proposing a change in point(s) of diversion or well(s), show the proposed location and label it clearly with distance and bearing or coordinates. If GPS coordinates are used, latitude-longitude coordinates may be expressed as either degrees-minutes-seconds with at least one digit after the decimal (example – 42°32'15.5") or degrees-decimal with five or more digits after the decimal (example – 42.53764°).

Applicant Information

APPLICANT/BUSINESS NAME City of Prineville, Attn: Eric Klann		PHONE NO. 541-447-2357	ADDITIONAL CONTACT NO.
ADDRESS 387 NE 3rd St.		FAX NO.	
CITY Prineville	STATE OR	ZIP 97754	E-MAIL eklann@cityofprineville.com
BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE DEPARTMENT ELECTRONICALLY. COPIES OF THE FINAL ORDER DOCUMENTS WILL ALSO BE MAILED.			

Agent Information – The agent is authorized to represent the applicant in all matters relating to this application.

AGENT/BUSINESS NAME GSI Water Solutions, Attn: Trevor Grandy		PHONE NO. 971-200-8545	ADDITIONAL CONTACT NO.
ADDRESS 147 SW Shevlin Hixon Dr., Suite 201		FAX NO.	
CITY Bend	STATE OR	ZIP 97702	E-MAIL tgrandy@gsiws.com
BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE DEPARTMENT ELECTRONICALLY. COPIES OF THE FINAL ORDER DOCUMENTS WILL ALSO BE MAILED.			

Explain in your own words what you propose to accomplish with this permit amendment; and why:
 The applicant proposes to add 3 wells, Well A, Well B and Well C, to groundwater right permits G-17577 and G-18155.
 If you need additional space, continue on a separate piece of paper and attach to the application as "Attachment 1".

Check this box if this project is fully or partially funded by the American Recovery and Reinvestment Act. (Federal stimulus dollars)

Is the applicant the permit holder of record? Yes No

If NO, include either:

- A completed assignment form (with required statutory assignment fee), assigning all or a portion of the permit to the applicant(s), OR
- An affidavit of consent from the permit holder(s) of record that gives permission for the applicant to amend the permit.

Has the Completion ("C") Date of the permit(s) in this application expired? Yes No

If YES, this application will not be accepted by the Department.

If NO, what are the completion dates of the permit(s)? **G-17577: 10/29/2026; G-18155: 11/30/2031**

- If the permit completion date expires while the Permit Amendment Application is pending, the Department will not approve the Permit Amendment Application until an Extension of Time Application is approved for the permit.
- You may consider using the Reimbursement Authority process to expedite the processing of this Permit Amendment Application if the completion date of the permit expires within 6 months of the date of filing this application.

By my signature below, I confirm that I understand:

- Prior to Department approval of the permit amendment, I may be required to submit payment to the Department for publication of a notice in a newspaper with general circulation in the area where the permit is located, once per week for two consecutive weeks. If more than one qualifying newspaper is available, I suggest publishing the notice in the following newspaper: Central Oregonian

I (we) affirm that the information contained in this application is true and accurate.



Eric Klann
Applicant Signature

Eric Klann, Public Works Director 9/14/2021
Print Name (and Title if applicable) Date

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Check one of the following:

- The applicant is responsible for completion of change(s). Notices and correspondence should continue to be sent to the applicant.
- The permit holder(s) of record will be responsible for completing the proposed change(s) after the final order is issued. Copies of notices and correspondence should be sent to the permit holder(s) of record.

Check the appropriate box, if applicable:

- Check here if any of the permits proposed for amendment are or will be located within or served by an irrigation or other water district.

IRRIGATION DISTRICT NAME Ochoco Irrigation District	ADDRESS 1001 NW Deer St.	
CITY Prineville	STATE OR	ZIP 97754

- Check here if water for any of the permits supplied under a water service agreement or other contract for stored water with a federal agency or other entity.

ENTITY NAME N/A	ADDRESS		RECEIVED
CITY	STATE	ZIP	SEP 17 2021

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To meet State Land Use Consistency Requirements, you must list all local governments (each county, city, municipal corporation, or tribal government) within whose jurisdiction water will be diverted, conveyed or used.

ENTITY NAME City of Prineville Planning Department	ADDRESS 387 NE Third St.	
CITY Prineville	STATE OR	ZIP 97754

ENTITY NAME	ADDRESS	
CITY	STATE	ZIP

ENTITY NAME	ADDRESS	
CITY	STATE	ZIP

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Please use a separate Part 5 for each permit being changed. See instructions on page 6, to copy and paste additional Part 5s, or to add additional rows to tables within the form.

PERMIT # G-17577

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Table 1. Location of Authorized and Proposed Point(s) of Diversion (POD) or Appropriation (POA)
 (Note: If the POD/POA name is not specified in the permit, assign it a name or number here.)

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POD/POA Name or Number	Is this POD/POA Authorized by the permit or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L-___)	Twp		Rng		Sec	¼ ¼		Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Airport Well 1	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	CROO 1894 CROO 50095	15	S	15	E	11	SE	SW	400	1,210 feet North and 1,950 feet East from the SW corner of Section 11
Airport Well 2	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	CROO 53453	15	S	15	E	11	SE	SW	400	1,165 feet North and 1,990 feet East from the SW corner of Section 11
Millican Well*	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	CROO 53956	15	S	15	E	11	SW	SE	316	55 feet North and 3,000 feet East from the SW corner of Section 11
Heliport Well*	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	CROO 54191	15	S	15	E	11	SE	SW	300	1,070 feet North and 1,710 feet East from the SW corner of Section 11
Well A	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed		15	S	15	E	11	SE	SW	316	1,300 feet North and 2,570 feet East from the SW corner of Section 11
Well B	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed		15	S	15	E	11	NW	SE	316	1,620 feet North and 2,960 feet East from the SW corner of Section 11
Well C	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed		15	S	15	E	11	NW	SE	316	1,930 feet North and 3,350 feet East from the SW corner of Section 11

*Permit G-17577 lists "Airport Well 3" and "Airport Well 4" as authorized POAs. The City has since designated the "Millican Well" as the name for "Airport Well 3," and "Heliport Well" for Airport Well 4." The City requests all future water rights associated with Permit G-17577 list the authorized POAs as indicated on the table above for consistent recordkeeping.

Check all type(s) of change(s) proposed below (change "CODES" are provided in parentheses):

- Place of Use (POU)
- Point of Diversion (POD)
- Additional Point of Diversion (APOD)
- Point of Appropriation/Well (POA)
- Additional Point of Appropriation (APOA)
- Surface water POD to Ground Water POA (SW/GW)

Will all of the proposed changes affect the entire water use permit?

- Yes Complete only the proposed ("to" lands) section of Table 2 on the next page. Use the "CODES" listed above to describe the proposed changes.
- No Complete all of Table 2 to describe the portion of the permit to be changed.

For a change in place of use:

Does the permit holder of record own or control the land TO which the place of use is being moved?

Yes No **N/A – Applicant is not requesting a change in the place of use**

If NO, the landowner of the land TO which the place of use is being moved must be assigned to the permit as a permit holder of record by submitting a completed Request for Assignment form and the required statutory fee for an assignment.

Is the proposed place of use contiguous to the authorized place of use? Yes No

N/A – Applicant is not requesting a change in the place of use

The permitted place of use can be moved only to lands that are contiguous to the authorized place of use **unless** the change to non-contiguous lands is in furtherance of mitigation or conservation efforts undertaken for the purposes of benefiting a species listed as sensitive, threatened, or endangered under ORS 496.171 to 496.192 or the federal Endangered Species Act of 1973 (16 U.S.C. 1531 to 1544), as determined by the listing agency. Contiguous land being either adjacent land or land separated from the land to which a permit is authorized by roads, utility corridors, irrigation ditches or publicly owned rights of way.

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Please use and attach additional pages of Table 2 as needed.
See page 6 for instructions.

Do you have questions about how to fill-out the tables?
Contact the Department at 503-986-0900 and ask for Transfer

Table 2. Description of Changes to Water Use Permit # G-17577

List the change proposed for the acreage in each ¼ ¼. If more than one change is proposed, specify the acreage associated with each change. If there is more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

AUTHORIZED (the "from" or "off" lands) The listing that appears on the certificate BEFORE PROPOSED CHANGES List only that part or portion of the water right that will be changed.										Proposed Changes (see "CODES" from previous page)	PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.									
Twp	Rng	Sec	¼ ¼	Tax Lot	Lot or DLC	Gvt (if applicable)	Acres (if applicable)	POD(s) or POA(s) (name or number from Table 1)	Priority Date		Twp	Rng	Sec	¼ ¼	Tax Lot	Lot or DLC	Gvt (if applicable)	Acres (if applicable)	POD(s) or POA(s) to be used (from Table 1)	Priority Date
EXAMPLE																				
2	S	9	E 15	NE	NW	100	15.0	POD #1 POD #2		POU/POD	2	S	9	E 15	NW	NW	100	1	10.0	POD #5
"	"	"	"	"	"	"	EXAMPLE	"		"	2	S	9	E 15	SW	NW	200		5.0	POD #6
										APOA	"Within the Municipal Service Boundary of the City of Prineville"								Airport Well 1 Airport Well 2 Millican Well* Heliport Well* Well A Well B Well C	3/31/2003
TOTAL ACRES								TOTAL ACRES												

Additional remarks: ***Permit G-17577 lists "Airport Well 3" and "Airport Well 4" as authorized POAs. The City has since designated the "Millican Well" as the name for "Airport Well 3," and "Heliport Well" for Airport Well 4." The City requests all future water rights associated with Permit G-17577 list the authorized POAs as indicated on the table above for consistent recordkeeping.**


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Are there other water rights certificates, water use permits or ground water registrations associated with the "from" or "to" lands? Yes No

If YES, list the other certificate, permit, or ground water registration numbers: **N/A – The authorized use is municipal use, so the water rights are not 'layered'.**

 If the permit(s) are for irrigation or supplemental irrigation use, other water rights existing on the same land for irrigation that are subject to transfer must either change concurrently or be cancelled. Any change to a water right certificate or ground water registration must be filed separately in a water right transfer application or ground water registration modification application, respectively.

For a change in point(s) of appropriation (well(s)) or additional point(s) of appropriation:

- Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map. (Tip: You may search for well logs on the Department's web page at: http://apps.wrd.state.or.us/apps/gw/well_log/Default.aspx)

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Well logs for Airport Wells 1 & 2, Millican Well, and Heliport Well are included in Attachment D

AND/OR

- Describe the construction of the authorized and proposed well(s) in Table 3 for any wells that do not have a well log. For *proposed wells not yet constructed or built*, provide "a best estimate" for each requested information element in the table. The Department recommends you consult a licensed well driller, geologist, or certified water right examiner to assist with assembling the information necessary to complete Table 3.

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Table 3. Construction of Point(s) of Appropriation

Any well(s) in this listing must be clearly tied to corresponding well(s) described in Table 1 and shown on the accompanying application map. Failure to provide the information will delay the processing of your transfer application until it is received. The information is necessary for the department to assess whether the proposed well(s) will access the same source aquifer as the authorized point(s) of appropriation (POA). The Department is prohibited by law from approving POA changes that do not access the same source aquifer.

Proposed or Authorized POA Name or Number	Is well already built? (Yes or No)	If an existing well, OWRD Well ID Tag No. L-____	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well - specific rate (cfs or gpm). If less than full rate of water right
Well A	No		565'	18 in.	+2'-415'	0-20'	415'-555'	424'	Sand and gravel	
Well B	No		565'	18 in.	+2'-415'	0-20'	415'-555'	424'	Sand and gravel	
Well C	No		565'	18 in.	+2'-415'	0-20'	415'-555'	424'	Sand and gravel	

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Part 5 of 5 – Water Use Permit Information

Please use a separate Part 5 for each permit being changed. See instructions on page 6, to copy and paste additional Part 5s, or to add additional rows to tables within the form.

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PERMIT # G-18155

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Table 1. Location of Authorized and Proposed Point(s) of Diversion (POD) or Appropriation (POA)

(Note: If the POD/POA name is not specified in the permit, assign it a name or number here.)

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POD/POA Name or Number	Is this POD/POA Authorized by the permit or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L-)	Twp		Rng		Sec	¼ ¼		Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Airport Well 1	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	CROO 1894 CROO 50095	15	S	15	E	11	SE	SW	400	1,210 feet North and 1,950 feet East from the SW corner of Section 11
Airport Well 2	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	CROO 53453	15	S	15	E	11	SE	SW	400	1,165 feet North and 1,990 feet East from the SW corner of Section 11
Millican Well*	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	CROO 53956	15	S	15	E	11	SW	SE	316	55 feet North and 3,000 feet East from the SW corner of Section 11
Heliport Well*	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	CROO 54191	15	S	15	E	11	SE	SW	300	1,070 feet North and 1,710 feet East from the SW corner of Section 11
Well 5	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed		15	S	14	E	26	NW	NE	300	319 feet South and 2,408 feet West from the NE corner of Section 26
Well 6	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed		15	S	14	E	26	NW	NE	300	835 feet South and 2,477 feet West from the NE corner of Section 26
Well 7	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed		15	S	15	E	6	NE	SW	401	2,000 feet North and 2,340 feet East from the SW corner of Section 6
Well 8	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed		15	S	13	E	23	NE	NW	1500	110 feet South and 1,870 feet East from the NW corner of Section 23
Well 9	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed		15	S	13	E	23	NE	NW	1500	100 feet South and 2,470 feet East from the NW corner of Section 23

POD/POA Name or Number	Is this POD/POA Authorized by the permit or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L-___)	Twp		Rng		Sec		¼ ¼		Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well A	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed		15	S	15	E	11	SE	SW	316	1,300 feet North and 2,570 feet East from the SW corner of Section 11	
Well B	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed		15	S	15	E	11	NW	SE	316	1,620 feet North and 2,960 feet East from the SW corner of Section 11	
Well C	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed		15	S	15	E	11	NW	SE	316	1,930 feet North and 3,350 feet East from the SW corner of Section 11	

*Permit G-17577 lists "Airport Well 3" and "Airport Well 4" as authorized POAs. The City has since designated the "Millican Well" as the name for "Airport Well 3," and "Heliport Well" for Airport Well 4." The City requests all future water rights associated with Permit G-17577 list the authorized POAs as indicated on the table above for consistent recordkeeping.

Check all type(s) of change(s) proposed below (change "CODES" are provided in parentheses):

- | | |
|---|--|
| <input type="checkbox"/> Place of Use (POU) | <input type="checkbox"/> Point of Appropriation/Well (POA) |
| <input type="checkbox"/> Point of Diversion (POD) | <input checked="" type="checkbox"/> Additional Point of Appropriation (APOA) |
| <input type="checkbox"/> Additional Point of Diversion (APOD) | <input type="checkbox"/> Surface water POD to Ground Water POA (SW/GW) |

Will all of the proposed changes affect the entire water use permit?

- Yes Complete only the proposed ("to" lands) section of Table 2 on the next page. Use the "CODES" listed above to describe the proposed changes.
- No Complete all of Table 2 to describe the portion of the permit to be changed.

For a change in place of use:

Does the permit holder of record own or control the land TO which the place of use is being moved?

- Yes No **N/A – Applicant is not requesting a change in the place of use**

If NO, the landowner of the land TO which the place of use is being moved must be assigned to the permit as a permit holder of record by submitting a completed Request for Assignment form and the required statutory fee for an assignment.


Is the proposed place of use contiguous to the authorized place of use? Yes No

N/A – Applicant is not requesting a change in the place of use

The permitted place of use can be moved only to lands that are contiguous to the authorized place of use **unless** the change to non-contiguous lands is in furtherance of mitigation or conservation efforts undertaken for the purposes of benefiting a species listed as sensitive, threatened, or endangered under ORS 496.171 to 496.192 or the federal Endangered Species Act of 1973 (16 U.S.C. 1531 to 1544), as determined by the listing agency. Contiguous land being either adjacent land or land separated from the land to which a permit is authorized by roads, utility corridors, irrigation ditches or publicly owned rights of way.

Are there other water rights certificates, water use permits or ground water registrations associated with the "from" or "to" lands? Yes No

If YES, list the other certificate, permit, or ground water registration numbers: N/A – The authorized use is municipal use, so the water rights are not 'layered'.

 If the permit(s) are for irrigation or supplemental irrigation use, other water rights existing on the same land for irrigation that are subject to transfer must either change concurrently or be cancelled. Any change to a water right certificate or ground water registration must be filed separately in a water right transfer application or ground water registration modification application, respectively.

For a change in point(s) of appropriation (well(s)) or additional point(s) of appropriation:

Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map. (Tip: You may search for well logs on the Department's web page at: http://apps.wrd.state.or.us/apps/gw/well_log/Default.aspx)

AND/OR

Describe the construction of the authorized and proposed well(s) in Table 3 for any wells that do not have a well log. For *proposed wells not yet constructed or built*, provide "a best estimate" for each requested information element in the table. The Department recommends you consult a licensed well driller, geologist, or certified water right examiner to assist with assembling the information necessary to complete Table 3.

Well logs for Airport Wells 1 & 2, Millican Well, and Heliport Well are included in Attachment D

Table 3. Construction of Point(s) of Appropriation

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Proposed or Authorized POA Name or Number	Is well already built? (Yes or No)	If an existing well, OWRD Well ID Tag No. L- _____	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well-specific rate (cfs or gpm). If less than full rate of water right
Well A	No		565'	18 in.	+2'-415'	0-20'	415'-555'	424'	Gravels	
Well B	No		565'	18 in.	+2'-415'	0-20'	415'-555'	424'	Gravels	
Well C	No		565'	18 in.	+2'-415'	0-20'	415'-555'	424'	Gravels	

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Attachment A

Permits G-17577 and G-18155 - Excerpted
Application for a Permit Amendment - City of Prineville

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STATE OF OREGON

COUNTY OF CROOK

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

CITY OF PRINEVILLE
387 NE THIRD STREET
PRINEVILLE, OR 97754

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This superseding permit is issued to describe an amendment for an additional point of appropriation proposed under Permit Amendment Application T-12192 and approved by Special Order Vol. 101, Page 88-90, entered June 1, 2016. This permit supersedes Permit G-17089.

The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-15974

SOURCE OF WATER: FOUR WELLS IN OCHOCO CREEK BASIN WITHIN THE DESCHUTES RIVER BASIN

PURPOSE OR USE: MUNICIPAL USE

MAXIMUM RATE/VOLUME: 1.715 CUBIC FEET PER SECOND (CFS), LIMITED TO A MAXIMUM ANNUAL VOLUME OF 1242.0 ACRE FEET (AF), FURTHER LIMITED BY THE CORRESPONDING MITIGATION PROVIDED UNDER THE INCREMENTAL MITIGATION DEVELOPMENT PLAN

PERIOD OF USE: YEAR ROUND

DATE OF PRIORITY: MARCH 31, 2003

WELL LOCATIONS:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
15 S	15 E	WM	11	SE SW	CITY AIRPORT WELL 1 (CROO 1894) - 1210 FEET NORTH AND 1950 FEET EAST FROM THE SW CORNER OF SECTION 11
15 S	15 E	WM	11	SE SW	CITY AIRPORT WELL 2 (CROO 53453) - 1165 FEET NORTH AND 1990 FEET EAST FROM THE SW CORNER OF SECTION 11
15 S	15 E	WM	11	SW SE	CITY AIRPORT WELL 3 (CROO 53956) - 55 FEET NORTH AND 3000 FEET EAST FROM THE SW CORNER OF SECTION 11.
15 S	15 E	WM	11	SE SW	CITY AIRPORT WELL 4 (CROO 54191) - 1070 FEET NORTH AND 1710 FEET EAST FROM THE SW CORNER OF SECTION 11.

STATE OF OREGON

COUNTIES OF CROOK AND DESCHUTES

PERMIT TO APPROPRIATE PUBLIC WATERS

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OWRD

THIS PERMIT IS HEREBY ISSUED TO:

CITY OF PRINEVILLE
387 NE THIRD ST
PRINEVILLE OR 97754

This superseding permit is issued to describe the partial cancellation of a rate (and commensurate volume) approved by Special Order Volume 112, Page 12, entered AUG 08 2019. This permit supersedes Permit G-17236.

The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-16900

SOURCE OF WATER: WELL 1 (CROO 1894/CROO 50095), WELL 2 (CROO 53453), WELL 3 (CROO 53956), WELL 4, WELL 5, WELL 6, WELL 7, WELL 8 AND WELL 9 IN CROOKED RIVER BASIN

RATE: 8.02 CUBIC FEET PER SECOND (CFS), FURTHER LIMITED TO 5.57 CFS FROM WELLS 1-7, BEING NO MORE THAN 2.23 CFS IN TOTAL FROM WELL 1 (CROO 1894/CROO 50095), WELL 2 (CROO 53453), WELL 3 (CROO 53956); NO MORE THAN 1.11 CFS IN TOTAL FROM WELL 5 AND WELL 6; AND NO MORE THAN 2.23 CFS FROM WELL 7

MAXIMUM ANNUAL VOLUME: 2360.7 ACRE FEET

DATE OF PRIORITY: JUNE 27, 2007

USE: MUNICIPAL

PERIOD: YEAR-ROUND

Authorized Points of Appropriation:

Well	Twp	Rng	Mer	Sec	Q-Q	Measured Distances
City Airport Well 1 (CROO 1894/CROO 50095)	15 S	15 E	WM	11	SE SW	1210 FEET NORTH AND 1950 FEET EAST FROM THE SW CORNER OF SECTION 11
City Airport Well 2 (CROO 53453)	15 S	15 E	WM	11	SE SW	1165 FEET NORTH AND 1990 FEET EAST FROM THE SW CORNER OF SECTION 11
City Airport Well 3 (CROO 53956)	15 S	15 E	WM	11	SW SE	55 FEET NORTH AND 3000 FEET EAST FROM THE SW CORNER OF SECTION 11
City Airport Well 4	15 S	15 E	WM	11	SE SW	1070 FEET NORTH AND 1710 FEET EAST FROM THE SW CORNER OF SECTION 11
Well 5	15 S	14 E	WM	26	NW NE	319 FEET SOUTH AND 2408 FEET WEST FROM THE NE CORNER OF SECTION 26
Well 6	15 S	14 E	WM	26	NW NE	835 FEET SOUTH AND 2477 FEET WEST FROM THE NE CORNER OF SECTION 26
Well 7	15 S	15 E	WM	6	NE SW	2000 FEET NORTH AND 2340 FEET EAST FROM THE SW CORNER OF SECTION 6

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Attachment B

Application Maps

Application for a Permit Amendment - City of Prineville

13826

From: STARNES Patrick K * WRD
To: Owen McMurtrey
Subject: Re: Map Scale Waiver for City of Prineville Permit Amendment Application
Date: Thursday, September 9, 2021 2:14:09 PM

Hi Owen,

The Department grants a map scale waiver for the attached permit amendment application maps. Please include a copy of this email in the permit amendment application when it is submitted.

Sincerely,

Kelly

Kelly Starnes, Transfer Program Analyst
Oregon Water Resources Department
725 Summer St NE Suite A
Salem OR 97301-1271
Cellphone: 503-979-3511 Fax: 503-986-0903
E-mail: patrick.k.starnes@oregon.gov

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Please Note: Under Oregon Law, messages to and from this e-mail address may be available to the public.

From: Owen McMurtrey <OMcMurtrey@gsiws.com>
Sent: Wednesday, September 8, 2021 2:48:47 PM
To: STARNES Patrick K * WRD <Patrick.K.Starnes@oregon.gov>
Subject: Map Scale Waiver for City of Prineville Permit Amendment Application

Hi Kelly,

The City of Prineville is submitting a permit amendment application to add POAs to permits G-17577 and G-18155. The application will include a POA map that is zoomed in on the area of interest where the POAs are added at a scale of 1"=1320'. However, permit G-18155 also has POAs located several miles away, which will be shown on a much larger POA map. The POU map is also at a scale larger than 1"=1320'.

Can the department grant a map scale waiver for the attached large scale maps? I've also attached the map that is to scale for reference.

Thanks,

Owen

Owen McMurtrey
Water Resources Consultant
direct: 541.257.9005 | mobile: 541.740.5619

13826

Airport Well 1 - CROO 1894 & CROO 50095
Airport Well 2 - CROO 53453
Millican Well - CROO 53956
Heliport Well - CROO 54191

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Attachment D

Well Logs

Application for a Permit Amendment - City of Prineville

13826

The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT
SALEM, OREGON 97310
within 30 days from the date
of well completion.

WATER WELL REPORT JAN 13 1981

STATE OF OREGON WATER RESOURCES DEPT

(Please type or print)

SALEM, OREGON

State Well No. 155-15E-1126

State Permit No.

CR00
1894

(1) OWNER:

Name JERE GRUNIGEM
Address P.O. Box 182
Redmond, Oregon 97756

(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
 Jetted
 Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) CASING INSTALLED:

Threaded Welded
8" Diam. from 12 ft. to 25 ft. Gage 250
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

(6) 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

a pump test made? Yes No. If yes, by whom?

_____ gal./min. with _____ ft. drawdown after _____ hrs.
Blow Tested @ 135 G.P.M. 2 "
" " " "
_____ gal./min. with _____ ft. drawdown after _____ hrs.
_____ g.p.m.
Temperature of water - Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used Cement
Well sealed from land surface to 25 ft.
Diameter of well bore to bottom of seal 12 in.
Diameter of well bore below seal 8 in.
Number of sacks of cement used in well seal 17 sacks
How was cement grout placed? Pressure grouted
with 1" pipe from 25 ft. to
surface
Was a drive shoe used? Yes No Plugs _____ Size: location _____ ft.
Did any strata contain unusable water? Yes No
Type of water? _____ depth of strata _____
Method of sealing strata off _____
Was well gravel packed? Yes No Size of gravel: _____
Gravel placed from _____ ft. to _____ ft.

(10) LOCATION OF WELL:

County Chook Driller's well number _____
N.W. 1/4 S.E. 1/4 Section 11 T. 155 R. 15E W.M. _____
Bearing and distance from section or subdivision corner
Prineville Airport

(11) WATER LEVEL: Completed well.

Depth at which water was first found 448 ft.
Static level 414 ft. below land surface. Date 12-11-80
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 8"
Depth drilled 472 ft. Depth of completed well 475 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
<u>Overburden</u>	<u>0</u>	<u>1</u>	
<u>Basalt</u>	<u>1</u>	<u>195</u>	
<u>Sandstone + Cong. Br.</u>	<u>195</u>	<u>448</u>	<u>414</u>
<u>Water bearing Basalt</u>	<u>448</u>	<u>475</u>	

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DEC 15 1980

WATER RESOURCES DEPT
SALEM, OREGON

Work started 11-12-19 Completed 12-11-1980
Date well drilling machine moved off of well 12-12-1980

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] M. Gordon Davidson Date 11-17-1980
(Drilling Machine Operator)

Drilling Machine Operator's License No. 685

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 DAVIDSON DRILLING
(Person, firm or corporation) (Type or print)

Address P.O. Box 315 Redmond, Ore.

[Signed] M. Gordon Davidson
(Water Well Contractor)

Contractor's License No. 9-988-26 Date 11-12, 1980

STATE OF OREGON
WATER SUPPLY WELL REPORT
 (as required by ORS 537.765)

CROO 53453

WELL ID # L **89932**

(START CARD) # **190442**

Instructions for completing this report are on the last page of this form

(1) OWNER: Well Number: **Airport#2**
 Name **City of Prineville**
 Address **387 NE Third Street**
 City **Prineville** State **OR** Zip **97754**

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

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

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

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well **546** ft.
 Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Amount	
Diameter	From To	Material	From To	sacks or pounds	
22in	0 30	Cement Slurry	0 112	154 sacks	
20in	30 335	Cement Slurry	403 452	66 sacks	
18in	335 454				
15in	454 546				

How was seal placed: Method A B C D E
 Other
 Backfill placed from **112** ft. to **403** ft. Material **Bentonite Chips**
 Gravel placed from **442** ft. to **546** ft. Size of gravel **8x12**

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 16	+2	452	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner: 12in	442	447	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	12	452	474	.250	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method **Factory - Roscoe Moss**
 Screens Type **Wire Wrap** Material **Stainless**

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
447	452	.055		12	pipe	<input type="checkbox"/>	<input checked="" type="checkbox"/>
474	539	.055		12	pipe	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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

Pump Bailer Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
700	11.5	475	24 hr.

Temperature of Water **54** Depth Artesian Flow found _____
 Was a water analysis done? Yes By whom _____
 Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
 Depth of strata: _____

(9) LOCATION OF WELL by legal description:
 County **Crook** Latitude _____ Longitude _____
 Township **15S** N or S. Range **15E** E or W. of WM.
 Section **11** NW 1/4 **SE** 1/4
 Tax lot **303** Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) **4585 Airport, Prineville, OR 97754**

(10) STATIC WATER LEVEL:
408 ft. below land surface. Date **7/11/2007**
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
 Depth at which water was first found **420**

From	To	Estimated Flow Rate	SWL
420	546	1000+	407

(12) WELL LOG: Ground elevation _____

Material	From	To	SWL
Brown Clay & Rock	0	2	
Hard Gray Basalt	2	48	
Fractured Basalt Gray with Brown Seams	48	72	
Hard Gray Basalt with Green Seams	72	152	
Hard Gray with Brown Seams	152	197	
Soft Brown Sandstone Cong.	197	232	
Soft Sand Semi-Consolidated	232	270	
Loose Brown Sand	270	295	
Sand & Gravel	295	372	
Brown Conglomerate	372	420	
Brown Sandstone WB	420	442	408
Hard Gray Basalt	442	452	408
Semi Consolidated River Gravel WB	454	546	408

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SEP 17 2007 WESTERN WATER DEVELOPMENT
 P.O. Box 1670 JUL 23 2007
 Redmond, OR 97756 WATER RESOURCES DEPT
 SALEM, OREGON

Date started **4/13/2007** Completed **7/11/2007**

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

Signed _____ WWC Number _____
 Date _____

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

Signed **Robert Buckner** WWC Number **1385**
 Date **7/17/2007**

13826

STATE OF OREGON

WATER SUPPLY WELL REPORT

(as required by ORS 537.765 & OAR 690-205-0210)

02-18-2012

WELL LABEL # L 108444

START CARD # 1015739

(1) LAND OWNER Owner Well I.D. Milican I

First Name Last Name Company CITY OF PRINEVILLE Address 387 NE THIRD ST. City PRINEVILLE State OR Zip 97754

(2) TYPE OF WORK [X] New Well [] Deepening [] Conversion [] Alteration (repair/recondition) [] Abandonment

(3) DRILL METHOD [X] Rotary Air [] Rotary Mud [] Cable [] Auger [] Cable Mud [] Reverse Rotary [] Other

(4) PROPOSED USE [] Domestic [] Irrigation [] Community [] Industrial/ Commercial [] Livestock [] Dewatering [] Thermal [] Injection [X] Other TEST HOLE

(5) BORE HOLE CONSTRUCTION Special Standard [] (Attach copy)

Table with columns: Dia, From, To, Material, SEAL From, To, Amt, sacks/lbs. Includes data for Bentonite Chips.

How was seal placed: Method [] A [] B [] C [] D [] E [X] Other Poured Dry Backfill placed from ft. to ft. Material Filter pack from ft. to ft. Material Size Explosives used: [] Yes Type Amount

(6) CASING/LINER table with columns: Casing Liner, Dia, From, To, Gauge, Stl, Plstc, Wld, Thrd. Includes 'RECEIVED' and 'OVRD' stamps.

(7) PERFORATIONS/SCREENS Perforations Method Machine Screens Type Material

Table with columns: Perf/S, Casing/Screen, Liner, Dia, From, To, Scrn/slot width, Slot length, # of slots, Tele/pipe size

(8) WELL TESTS: Minimum testing time is 1 hour [X] Pump [] Bailer [] Air [] Flowing Artesian Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

Table with columns: From, To, Description, Amount, Units. Includes temperature and water quality concerns.

(9) LOCATION OF WELL (legal description)

County Crook Twp 15.00 S N/S Range 15.00 E E/W WM Sec 11 NE 1/4 of the SW 1/4 Tax Lot 300 Tax Map Number Lot Lat Long DMS or DD

Street address of well [] Nearest address [X] 2900 S HWY 126 MILLICAN RD AND HWY 126

(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)

Table with columns: Existing Well / Predeepening, Completed Well, Date, SWL(psi), SWL(ft). Includes 'Flowing Artesian?' and 'Dry Hole?' checkboxes.

WATER BEARING ZONES Depth water was first found 556

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), SWL(ft). Includes data for 02-23-2012.

(11) WELL LOG Ground Elevation

Table with columns: Material, From, To. Lists various geological layers like Sand Pumice Brown, Lava Gray Hard, etc.

Date Started 01-17-2012 Completed 01-27-2012

(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.

License Number 758 Date 02-18-2012 Electronically Filed Signed THOMAS R PECK (E-filed)

(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.

License Number 1720 Date 02-18-2012 Electronically Filed Signed JACK ABBAS (E-filed) Contact Info (optional)

(1) LAND OWNER Owner Well I.D. _____
 First Name _____ Last Name _____
 Company CITY OF PRINEVILLE
 Address 387 N.E. THIRD STREET
 City PRINEVILLE State OR Zip 97754

(2) TYPE OF WORK New Well Deepening Conversion
 Alteration (complete 2a & 10) Abandonment (complete 5a)

(2a) PRE-ALTERATION
 Dia + From To Gauge Stl Plstc Wld Thrd
 Casing: _____
 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 607.00 ft.
BORE HOLE **SEAL** sacks/lbs
 Dia From To Material From To Amt lbs

22	0	482	Cement w/2% Bentonit	0	482	462	S
17.25	482	607					

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

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	18	<input checked="" type="checkbox"/>	2	482	.375	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	16	<input type="checkbox"/>	452	472	.375	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	16	<input type="checkbox"/>	572	597	.375	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

 Shoe Inside Outside Other Location of shoe(s) _____
 Temp casing Yes Dia _____ From _____ To _____

(7) PERFORATIONS/SCREENS
 Perforations Method _____
 Screens Type Wire wrap _____ Material SS 304L

Perf/ Screen	Casing/ Screen	Dia	From	To	Scrnm/ slot width	Slot length	# of slots	Tele/ pipe size
Screen	Liner	16	472	572	.09			16
Screen	Liner	14	597	607	.09			14

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

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
780	26	575	120

 Temperature 56 °F Lab analysis Yes By Umpqua Labs
 Water quality concerns? Yes (describe below) TDS amount

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)
 County CROOK Twp 15.00 S N/S Range 15.00 E E/W WM
 Sec 11 1/4 of the _____ 1/4 Tax Lot 300
 Tax Map Number _____ Lot _____
 Lat _____ " or 44.27911111 DMS or DD
 Long _____ " or -120.90075000 DMS or DD
 Street address of well Nearest address
AIRPORT ROAD, PRINEVILLE, OREGON

(10) STATIC WATER LEVEL

Existing Well / Pre-Alteration	Date	SWL (psi)	+ SWL (ft)
Completed Well	11/28/2014		435

 Flowing Artesian? Dry Hole?
WATER BEARING ZONES Depth water was first found 340.00

SWL Date	From	To	Est Flow	SWL (psi)	+ SWL (ft)
1/20/2014	340	365	200		340
3/3/2014	470	607	1200		435

(11) WELL LOG Ground Elevation 3248.00

Material	From	To
Road Fill	0	3
Brown Caliche	3	14
Hard Gray Basalt	14	32
Broken Brown and Gray Basalt & Lost Circ	32	209
Sand & Gravels some brown clay	209	245
Brown Sandstone	245	340
Sandstone with Gravel Layer WB	340	365
Brown Sandstone	365	465
Broken Basalt, Gravel & Cinders	465	515
Gray Basalt with Gravel interbeds	515	545
Brown Sandstone Tuff	545	565
Hard Gray Basalt	565	607

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SEP 17 2021
OWRD
 Date Started 12/23/2013 Completed 5/30/2014
(unbonded) Water Well Constructor Certification
 I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
 License Number _____ 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 12/29/2014
 Signed ROBERT BUCKNER (E-filed)
 Contact Info (optional) _____