



State of Oregon
 Water Resources Department
 725 Summer Street NE, Suite A
 Salem, Oregon 97301-1266
 (503) 986-0900

Application for Permit Amendment

Part 1 of 5 – Minimum Requirements Checklist

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)

- 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. If you have questions, call Customer Service at (503) 986-0801.
- Part 4 – Completed Applicant Information and Signature.
- Part 5 – Information about Permits to be Amended: **Number of permits to be amended: 1**
List the Permits here: G-16085
 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).
- 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.
- N/A Water Well Report/Well Log for changes in point(s) of appropriation (well(s)) or additional point(s) of appropriation.
- 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)).

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(For Staff Use Only)

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

| | |
|---|------------------------------------|
| ___ Application fee not enclosed/insufficient | ___ Map not included or incomplete |
| ___ Land Use Form not enclosed or incomplete | ___ Part ___ is incomplete |
| Other/Explanation _____ | |
| Staff: _____ 503-986-0_____ | Date: ___/___/___ |

Part 2 of 5 – Permit Amendment Map Checklist

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°).

| FEE WORKSHEET for PERMIT AMENDMENT | | | |
|------------------------------------|--|---|----------------|
| 1 | Base Fee (includes one type of change to one permit for up to 1 cfs) | 1 | \$1,160 |
| 2 | Types of change proposed: <input checked="" type="checkbox"/> Place of Use <input checked="" type="checkbox"/> Point of Diversion/Appropriation Number of above boxes checked = <u>1 (2a)</u> Subtract 1 from the number in line 2a = <u>0 (2b)</u> <i>If only one change, this will be 0</i> Multiply line 2b by \$930 and enter » » » » » » » » » » » » » » » » | 2 | 0 |
| 3 | Number of permits included in Permit Amendment <u>1 (3a)</u> Subtract 1 from the number in 3a: <u>0 (3b)</u> <i>If only one permit this will be 0</i> Multiply line 3b by \$520 and enter » » » » » » » » » » » » » » » » | 3 | 0 |
| 4 | Do you propose to add or change a well, or change from a surface water POD to a well? <input type="checkbox"/> No: enter 0 » <input checked="" type="checkbox"/> Yes: enter \$410 » | 4 | 410 |
| 5 | Do you propose to change the place of use? <input type="checkbox"/> No: enter 0 on line 5 » <input checked="" type="checkbox"/> Yes: enter the cfs for the portions of the permits to be amended (see example below*): <u>1.23 cfs (5a)</u> Subtract 1.0 from the number in 5a above: <u>0.23 (5b)</u> If 5b is 0, enter 0 on line 5 » If 5b is greater than 0, round up to the nearest whole number: <u>1 (5c)</u> and multiply 5c by \$350, then enter on line 5 » » » » » » » » » » | 5 | 350 |
| 6 | Add entries on lines 1 through 5 above » » » » » » » » » » Subtotal: | 6 | \$1,920 |
| 7 | Is this permit amendment: <input type="checkbox"/> necessary to complete a project funded by the Oregon Watershed Enhancement Board (OWEB) under ORS 541.932? <input type="checkbox"/> endorsed in writing by ODFW as a change that will result in a net benefit to fish and wildlife habitat? If one or more boxes is checked, multiply line 6 by 0.5 and enter on line 7 » If no box is applicable, enter 0 on line 7 » » » » » » » » » » » » » » » » | 7 | 0 |
| 8 | Subtract line 7 from line 6 » » » » » » » » » » Permit Amendment Fee: | 8 | \$1,920 |

*Example for Line 5a calculation to transfer 45.0 acres of Primary Permit S-12345 (total 1.25 cfs for 100 acres) and 45.0 acres of Supplemental Permit S-87654 (1/80 cfs per acre) on the same land:

1. For irrigation calculate cfs for each permit involved as follows:
 - a. Divide total authorized cfs by total acres in the permit (*for S-12345, 1.25 cfs ÷ 100 ac*); then multiply by the number of acres to be changed to get the application cfs (*x 45 ac = 0.56 cfs*).
 - b. If the water right permit does not list total cfs, but identifies the allowable use as 1/40 or 1/80 of a cfs per acre; multiply number of acres proposed for change by either 0.025 (1/40) or 0.0125 (1/80). (*For S-87654, 45.0 ac x 0.0125 cfs/ac = 0.56 cfs*)
2. Add cfs for the portions of permits on all the land included in the application; however **do not count cfs for supplemental permits on acreage for which you have already calculated the cfs fee for the primary permit on the same land**. The fee should be assessed only once for each “on the ground” acre included in the application. (*In this example, blank 5a would be only 0.56 cfs, since both permits serve the same 45.0 acres. Blank 5b would be 0 and Line 5 would then also become 0*).

Part 4 of 5 – Applicant Information and Signature

Applicant Information

| | | | |
|--|--------------------|-----------------------------------|---------------------------------|
| APPLICANT/BUSINESS NAME University of Portland Attn: Mr. Jim Ravelli | | PHONE NO. (503)943-7540 | ADDITIONAL CONTACT NO. |
| ADDRESS 5000 N Willamette Blvd | | FAX NO. | |
| CITY Portland | STATE OR | ZIP 97203 | E-MAIL ravelli@up.edu |
| 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. | | | |

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

| | | | |
|--|--------------------|-----------------------------------|---|
| AGENT/BUSINESS NAME Colleen C. Brehm – KPFF Consulting Engineers | | PHONE NO. (503)542-3853 | ADDITIONAL CONTACT NO. |
| ADDRESS 111 SW 5th Ave, Suite 2600 | | FAX NO. | |
| CITY Portland | STATE OR | ZIP 97204 | E-MAIL colleen.brehm@kpff.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:
 We are requesting authorization to add Well 5 to Permit G-16085 (Application G-16653) and to expand the place of use for Wells 1 and 5 to include additional lands now owned by the University of Portland.

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

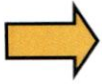
If YES, this application will not be accepted by the Department.

If NO, what are the completion dates of the permit(s)? 10/1/2032

- 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: Portland Business Journal.



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

James B. Ravelli
Applicant Signature

James B. Ravelli, Vice President
Print Name (and Title if applicable)

1/19/2021
Date

Applicant Signature

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.

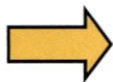
Check the appropriate box, if applicable:

- 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 | ADDRESS | |
| CITY | STATE | ZIP |

- 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 | ADDRESS | |
| CITY | STATE | ZIP |



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 Portland | ADDRESS 1900 SW 4th Ave #1500 | |
| CITY Portland | STATE Oregon | ZIP 97201 |

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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-16085

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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.)

| 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 1 | <input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed | MULT 987 | 1 N | 1 E | 18 | SE NE | 100 | 1840 FEET SOUTH & 710 FEET WEST FROM THE NE CORNER OF SECTION 18 |
| WELL 5 | <input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed | MULT 128541 | 1 N | 1 E | 18 | NW NE | 100 | 1040 FEET SOUTH & 2640 FEET WEST FROM NE CORNER, SECTION 18 |

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

- | | |
|---|--|
| <input checked="" 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

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

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 Staff.

Table 2. Description of Changes to Water Use Permit # G-16085

List the change proposed for the acreage in each 1/4 1/4. 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 | | | | | | | PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made. | | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|---------|----------------|---|--|---------------|---|-----|-----|-----|-----|-----|---------|----------------|------------------------------------|--|---------------|-------------|----------|
| Twp | Rng | Sec | 1/4 | 1/4 | Tax Lot | Gvt Lot or DLC | Acres (if applicable) | POD(s) or POA(s) (name or number from Table 1) | Priority Date | Proposed Changes (see "CODES" from previous page) | Twp | Rng | Sec | 1/4 | 1/4 | Tax Lot | Gvt Lot or DLC | Acres (if applicable) | POD(s) or POA(s) to be used (from Table 1) | Priority Date | | |
| | | | | | | | | | | | 1 | N | 1 | E | 7 | SE | SW | 100, 200 | 47 | | WELLS 1 & 5 | 4/7/2006 |
| | | | | | | | | | | | 1 | N | 1 | E | 7 | SW | SE | 4800, 5100, 6800, 7300, 7400, 7700 | 47 | | WELLS 1 & 5 | 4/7/2006 |
| | | | | | | | | | | | 1 | N | 1 | E | 17 | NW | NW | 100 | 47 | | WELLS 1 & 5 | 4/7/2006 |
| | | | | | | | | | | | 1 | N | 1 | E | 17 | SW | NW | 100 | 47 | | WELLS 1 & 5 | 4/7/2006 |
| | | | | | | | | | | | 1 | N | 1 | E | 18 | NE | NE | 100 | 47 | | WELLS 1 & 5 | 4/7/2006 |
| | | | | | | | | | | | 1 | N | 1 | E | 18 | NW | NE | 100 | 47 | | WELLS 1 & 5 | 4/7/2006 |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
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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: LL-1826



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.

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 1 | YES | MULT 987 | 247 FT | 12 IN | 13* to 245 | To 40 FT | 193 to 235 | 160 on 9/30/1965 | GRAVEL | |
| WELL 5 | YES | MULT 128541/ MULT 134698 | 138 FT | 8 IN | +2 to 113 | 0 to 26 FT** | 109.7 to 125.5 | 21 on 2/16/2018 | SAND/ GRAVEL | |

*The well is located inside an approximately 14-ft deep vault on the basement level. The top of the casing extends 1-ft above the vault floor.

**Updated well report for MULT 134698(alteration) for MULT 128541(original) as part of LL-1826

MULT 128541

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

WELL I.D. # L 117846
START CARD # 1037809
MULT 128541 OWRD

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

(1) LAND OWNER: University of Portland
Well Number 1
Address 5828 N Van Houten Place
City Portland State Or Zip 97203

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

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

(4) PROPOSED USE:
[] Domestic [] Community [] Industrial [X] Irrigation
[] Thermal [] Injection [] Livestock [X] Other observation

(5) BORE HOLE CONSTRUCTION:
Special Construction approval [] Yes [X] No Depth of Completed Well 138 ft.
Explosives used [] Yes [X] No Type Amount

Table with columns: HOLE Diameter, From, To, SEAL Material, From, To, Sacks or pounds. Includes entries for 12" diameter and 8" diameter with bentonite seal.

How was seal placed: Method [] A [] B [] C [] D [] E
[X] Other Pour & tamp
Backfill placed from 5 ft. to 138 ft. Material
Gravel placed from 105 ft. to 138 ft. Size of gravel 6x9

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Includes entries for 8" casing and 6" head/tail.

(7) PERFORATIONS/SCREENS: Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner. Includes entry for 109'9" to 125'6" with 40 slot size and 6" diameter.

(8) WELL TESTS: Minimum testing time is 1 hour. Table with columns: Yield gal/min, Drawdown, Drill stem at, Flowing Time. Includes entries for 60 and 300 yield.

Temperature of water 54° Depth Artesian Flow Found
Was a water analysis done? no [] Yes By whom
Did any strata contain water not suitable for intended use? no [] Too little
[] Salty [] Muddy [] Odor [] Colored [] Other
Depth of strata: TDS: 5

(9) LOCATION OF WELL by legal description:
County Multnomah Latitude Longitude
Township 1N N or S Range 1E E or W. WM.
Section 18 NW 1/4 NE 1/4
Tax Lot 100 Lot Block Subdivision
Street Address of Well (or nearest address) 5828 N Van Houton

(10) STATIC WATER LEVEL:
21 ft. below land surface. Date 2-16-18
Artesian pressure lb. per square inch Date

(11) WATER BEARING ZONES: Table with columns: From, To, Estimated Flow Rate, SWL. Includes entry for 93' to 138' with 300 gpm flow rate.

(12) WELL LOG:
Ground Elevation

Table with columns: Material, From, To, SWL. Includes entries for Fill gravel, Black sand, Grey sand, Grey silty clay, sand gravel & water, Fine brown sand.

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Date started 2-12-18 Completed 2-16-18

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief. Mark Blackburn
Signed [Signature] WWC Number 1920 Date 2-18-18

(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.
Ron Aspaas WWC Number 1445
Signed [Signature] Date 2-28-18

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

WELL I.D. LABEL# L 117846
 START CARD # 1046601
 ORIGINAL LOG # Mult 128541

(1) LAND OWNER
 First Name _____ Owner Well I.D. _____
 Last Name _____
 Company University of Portland
 Address 5828 N Van Houten Place
 City Portland State OR Zip 97203

(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 Observation

(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy)
 Depth of Completed Well _____ ft.

| BORE HOLE | | | | SEAL | | | |
|-----------|------|----|-------------------|------|----|------------|-----------|
| Dia | From | To | Material | From | To | Amt | sacks/lbs |
| 12 | 0 | 26 | Cemented Grout 2% | 5 | 26 | Calculated | 940 |
| 12 | | | Bentonite Chips | 0 | 5 | Calculated | 799 |
| | | | | | | Calculated | 4 |

How was seal placed: Method A B C D E
 Other Pumped/Poured

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 | Pounds | Actual Amount | Pounds |
|-----------------|--------|---------------|--------|
| | | | |

(6) CASING/LINER

| Casing Liner | Dia | + | From | To | Gauge | Stl | Plstc | Wld | Thrd |
|--------------|-----|---|------|----|-------|-----|-------|-----|------|
| | | | | | | | | | |

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

(7) PERFORATIONS/SCREENS

| Perf/ Screen | Casing/ Screen | Dia | From | To | Scr slot width | Slot length | # of slots | Tele/ pipe size |
|--------------|----------------|-----|------|----|----------------|-------------|------------|-----------------|
| | | | | | | | | |

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

Pump Bailer Air Flowing Artesian

| Yield gal/min | Drawdown | Drill stem/Pump depth | Duration (hr) |
|---------------|----------|-----------------------|---------------|
| | | | |

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

| From | To | Description | Amount | Units |
|------|----|-------------|--------|-------|
| | | | | |

(9) LOCATION OF WELL (legal description)
 County Multnomah Twp 1N N/S 1E E/W WM
 Sec 18 NW 1/4 of the NE 1/4 Tax Lot _____
 Tax Map Number _____ Lot 100
 Lat _____ " or _____ DMS or DD
 Long _____ " or _____ DMS or DD
 Street address of well Nearest address

5828 N Van Houten Place

(10) STATIC WATER LEVEL

| | Date | SWL (psi) | + SWL (ft) |
|--------------------------------|------|-----------|------------|
| Existing Well / Pre-Alteration | | | 22.5' |
| Completed Well | | | 22.5' |

Flowing Artesian? Dry Hole?

WATER BEARING ZONES
 Depth water was first found _____

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

(11) WELL LOG

| | Ground Elevation | From | To |
|---|------------------|------|----|
| Deepen Seal | | | |
| Washed Over 8" Casing | | 0 | 26 |
| Pumped Cement 2% Bentonite from 26' to 5' | | | |
| Bentonite Chips 0' to 5' | | | |
| Casing = 1' Above Surface | | | |

RECEIVED
 FEB 11 2021
 OWRD

Date Started 04/20/2020 Completed 04/20/2020

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

License Number 1917 Date 06/10/2020
 Signed Gordon Millar

(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 1445 Date 06/10/2020
 Signed Ron Aspaas
 Contact Info (optional) _____