

Permit Amendment

RA

Name Keith Ketch DeKanter

Address 15868 NE Eilers Rd.
Aurora, OR 97002

Change in POA

Date Filed 10-11-2022

Initial notice date 10-25-2022

DPD issued date _____

PD issued date _____

PD notice date _____

Date of FO 3/14/23 Vol 127 Page 992-994

C-Date _____

COBU due date _____

COBU Received date _____

Certificate issued _____

DESCRIPTION OF WATER RIGHT(S)

Name of Stream A Well

Trib. of Willamette River Basin

Use Nursery Uses County Clackamas

Quantity of water (CFS) _____ No. of Acres _____

Name of ditch _____

App# G-116081 Per # G-17787 Cert # — PR Date 9/9/2003

App# _____ Per # _____ Cert # _____ PR Date _____

App# _____ Per # _____ Cert # _____ PR Date _____

App# _____ Per # _____ Cert # _____ PR Date _____

App# _____ Per # _____ Cert # _____ PR Date _____

FEES PAID		
Date	Amount	Receipt #
<u>10-11-2022</u>	<u>\$2,660.00</u>	<u>139327</u>
<u>10-11-2022</u>	<u>\$125.00</u>	<u>139315</u>
<u>10-31-2022</u>	<u>\$1,641.94</u>	<u>139442</u>

FEES REFUNDED		
Date	Amount	Receipt #
_____	_____	_____
_____	_____	_____
_____	_____	_____

Assignments: _____

Irrigation District _____

Agent Doann Hamilton - phgdmb@gmail.com

CWRE _____

CC's list Clackamas County

- Oversized map - Location _____

Permit Amendment Checklist

Transfer: T- 14107

Transfer Specialist: *Coray*

Transfer Type: Permit Amendment

Applicant Name/Address/email: KEITH KETCH DE KANTER 15868 NE EILERS RD AURORA, OR 97002	Agent Name/Address/email: DOANN HAMILTON 18487 S VALLEY VISTA RD MULINO, OR 97042-8741	Rec Landowner Name/Address:
CWRE Name/Number:	Irr. District Name/Address:	Affected Gov'ts Name/Address: County Of Clackamas
Commentor(s): Name/Address:	Current Landowner Name/Address (if different than applicant):	

Permit(s) Affected

Records Marked	Records Copied	App File No. or Decree Name	Permit No.	Superseding Permit No.
<input type="checkbox"/>	<input type="checkbox"/>	G-16081	G-17787	G-18844

Key Dates & Initial Actions

Rec'd: October 11, 2022	Proposed Action(s): POINT OF APPROPRIATION	
Fees Pd: 2660.00	WM District: 20	ODFW District:
Initial Notice: October 25, 2022	WM Review sent: Done:	ODFW Review sent: Done:
Acknowledgement Letter Sent: <input checked="" type="checkbox"/> Date: October 19, 2022		GW Review sent: Done:

Processing Dates & Actions

Deficiency Contact(s): _____

Newspaper: _____

Draft Mailed: _____

If yes, date rec'd okay from agent/applicant: _____

ODFW contact sheet sent; need? Yes or No

WM measurement sheet sent; need?

Yes or No

not required

Date quote requested: _____

Request for news \$ sent: _____

News \$ received: _____

Request to publish sent to newspaper: _____

Affidavit of publication received: _____

Dates of publication: _____

RA

Final Order

<p>Draft Order & Superseding Permit Review (Optional)</p> <p>Reviewer: _____</p> <p>Date: _____</p> <p>Coordinator: _____</p> <p>Date: _____</p> <p>Signature Bin Date: _____</p>	<p>Final Order & Superseding Permit Review (Salem)</p> <p>Reviewer: <u>AJD</u></p> <p>Date: <u>2/24/23</u></p> <p>Coordinator: <u>PKS</u></p> <p>Date: <u>3/7/23</u></p> <p>Signature Bin Date: <u>3/10/23</u></p>
<p>Comments/Special Issues: _____</p>	

Special Order Volume: Vol: 127, Pages 992-994

Final Order Signature Date: 3/14/23

Notice of FO e-mailed to processors: _____

Application

PR CW

- The type of change is clearly indicated.
- The application is appropriately signed.
- Appropriate fees were paid. N/A If overpayment, Refund Request submitted _____
- Land use form matches affected tax lots and is signed by proper official. (from ALL affected Gov't's) _____
- N/A Ditch company, district, and/or BOR, sent a copy of the application and map, if appropriate.
- All required attachments received.
- Check application file and WRIS for assignment(s) and/or extension(s). _____

Application Map

PR CW

- The map size and scale are accurate and appropriate per OAR 690-380-3100(1)(b)(c)&(d).
- All authorized and proposed POD's/POA's and POU are properly described on the map.
- The POD/POA location description(s) on the map match the PA application and permit descriptions.
- Map acres (to, from and rr, if applicable) match Table 2 on the PA application and as applicable, on the permit
- Have permit map(s).

Determining the "From" and "To" Lands (make working copy of application and permit(s))

PR CW

- Only the authorized POD's/POA's and/or POU's to be transferred are listed (Tables 1 & 2).
- PA application and permit tabulations (acreage) match. (Mark on appl. and permit copies and note corrections needed)
- ALL Mark on permit the acreage and amount of water being transferred.

Permit Ownership

- The applicant(s) is/are the holder(s) of the permit.
- All holders of the permit have signed the application or
- N/A If necessary, there is a notarized, signed statement of consent from permit holders other than applicant.
- N/A If necessary, the permit has been assigned to permit amendment applicant.

Evaluation Materials

- Application complete Permit Land Use form N/A Plat card
- Amendment Map Permit Map Fees paid N/A Well logs

- Reviews/comments/conditions received? Watermaster N/A ODFW N/A GW
- N/A Headgate When in the judgment Prior to diverting Existing and maintain
- N/A Measuring Devices When in the judgment Prior to diverting Existing and maintain

Type of device, if applicable: _____ totalizing flow meter: at new at existing and new

Injury: Yes No

Enlargement: Yes No

Conditions to avoid enlargement/injury -

ODFW conditions: _____

GW Conditions: _____



Oregon

Tina Kotek, Governor

Water Resources Department
North Mall Office Building
725 Summer St NE, Suite A
Salem, OR 97301
Phone 503 986-0900
Fax 503 986-0904

March 14, 2023

KEITH KETCH DE KANTER
15868 NE EILERS RD
AURORA, OR 97002

REFERENCE: Permit Amendment Application T-14107

Enclosed is a copy of the order approving your Permit Amendment application.

Also enclosed is a superseding permit that incorporates the amendments approved by the final order contained herein. Please read this document and abide by the requirements.

If you have any questions related to the approval of this temporary transfer, you may contact your caseworker, Corey Courchane by telephone at (503) 979-3917 or by e-mail at Corey.A.Courchane@oregon.gov.

Sincerely,

Nila Kamis
Water Rights Services Support
Transfers and Conservation Section

cc: Amy J. Landvoigt, Watermaster Dist. # 20 (via email)
Doann Hamilton, Agent

Enclosure

7. Notice of the application for the permit amendment was published in the Department's weekly notice on October 25, 2022, pursuant to ORS 540.520(5).
8. Permit Amendment Application T-14107 proposes to move the authorized points of appropriation for Wells 2, 3, and 4, from the existing points of appropriation to:

Twp	Rng	Mer	Sec	Q-Q	GLot	Measured Distances	Approximate distance from authorized points of appropriation in feet (ft.)
3 S	1 E	WM	19	NE NW	3	RE-DESCRIBED WELL 4 - 1455 FEET NORTH AND 590 FEET WEST FROM THE C1/4 CORNER OF SECTION 19	25 ft.
3 S	1 E	WM	19	SE NW	3	RE-DESCRIBED WELL 2 - 1080 FEET NORTH AND 15 FEET WEST FROM THE C1/4 CORNER OF SECTION 19	960 ft.
3 S	1 E	WM	19	SE NW	3	RE-DESCRIBED WELL 3 - 600 FEET NORTH AND 30 FEET WEST FROM THE C1/4 CORNER OF SECTION 19	56 ft.

Permit Amendment Review Criteria

9. The change would not result in injury to other water rights.
10. The change does not enlarge the permit.
11. The change does not alter any other terms of the permit.

Conclusions of Law

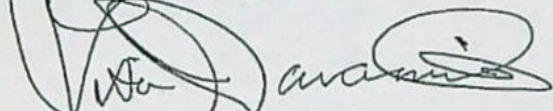
The change in points of appropriation proposed by Permit Amendment Application T-14107 is consistent with the requirements of ORS 537.211.

Now, therefore, it is ORDERED:

1. The change in points of appropriation proposed by Permit Amendment Application T-14107 is approved.
2. Permit G-18844, in the name of KEITH KETCH DE KANTER, is issued to replace Permit G-17787, and incorporates the amendments approved by this order, the assignment, and the extensions of time. Permit G-17787, in the name of KEITH KETCH DE KANTER, is no longer of any force or effect.

3. The quantity of water diverted at the new points of appropriation (Re-described Wells 2, 3, and 4), shall not exceed the quantity of water lawfully available at the original points of appropriation (Wells 2, 3, and 4).
4. Water use measurement conditions:
 - a. Before water use may begin under this order, the water user shall install a totalizing flow meter, or, with prior approval of the Director, another suitable measuring device, at each new point of appropriation.
 - b. The water user shall maintain the meters or measuring devices in good working order.
 - c. The water user shall allow the Watermaster access to the meters or measuring devices; provided however, where the meters or measuring devices are located within a private structure, the Watermaster shall request access upon reasonable notice.
5. Water shall be acquired from the same aquifer as the original points of appropriation.
6. All other terms and conditions of Permit G-18844 remain the same.

Dated in Salem, Oregon on



Lisa J. Jaramillo, Transfer and Conservation Section Manager, for
DOUGLAS E. WOODCOCK, ACTING DIRECTOR
Oregon Water Resources Department

Mailing Date:

STATE OF OREGON

COUNTY OF CLACKAMAS

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

KEITH KETCH DE KANTER
15868 NE EILERS RD
AURORA, OR 97002

This superseding permit is issued to describe an amendment for a change in points of appropriation proposed under Permit Amendment Application T-14107 and approved by Special Order Vol. 127, Page ~~997~~ entered March 14, 2023, an amendment for additional points of appropriation proposed under Permit Amendment Application T-12409 and approved by Special Order Vol. 105, Page 368, entered July 21, 2017, an assignment approved November 8, 2014, and extensions of time approved July 14, 2009, November 7, 2014, and February 8, 2019. This permit supersedes Permit G-17787.

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

APPLICATION FILE NUMBER: G-16081

SOURCE OF WATER: WELL 1, RE-DESCRIBED WELL 2, RE-DESCRIBED WELL 3, RE-DESCRIBED WELL 4, AND WELL 5 IN THE WILLAMETTE RIVER BASIN

PURPOSE OR USE: NURSERY USE ON 19.6 ACRES

MAXIMUM CUMULATIVE TOTAL: 0.489 CUBIC FOOT PER SECOND

PERIOD OF USE: YEAR ROUND

DATE OF PRIORITY: SEPTEMBER 9, 2003

WELL LOCATIONS:

Twp	Rng	Mer	Sec	Q-Q	GLot	Measured Distances
3 S	1 E	WM	19	NE NW	3	RE-DESCRIBED WELL 4 - 1455 FEET NORTH AND 590 FEET WEST FROM THE C1/4 CORNER OF SECTION 19
3 S	1 E	WM	19	SE NW	3	WELL 1 - 600 FEET NORTH AND 290 FEET WEST FROM THE C1/4 CORNER OF SECTION 19
3 S	1 E	WM	19	SE NW	3	RE-DESCRIBED WELL 2 - 1080 FEET NORTH AND 15 FEET WEST FROM THE C1/4 CORNER OF SECTION 19
3 S	1 E	WM	19	SE NW	3	RE-DESCRIBED WELL 3 - 600 FEET NORTH AND 30 FEET WEST FROM THE C1/4 CORNER OF SECTION 19
3 S	1 E	WM	19	SE NW	3	WELL 5 - 875 FEET NORTH AND 335 FEET WEST FROM THE C1/4 CORNER OF SECTION 19

The amount of water used for nursery use is limited to a maximum of 5.0 acre feet per acre and a diversion of 0.15 cubic foot per second per acre. For irrigation of containerized nursery plants, the amount of water diverted is limited to one fortieth of one cubic foot per second and 5.0 acre feet per acre per year. For irrigation of in-ground nursery plants the amount of water diverted is limited to one-eighth of one cubic foot per second and 2.5 acre feet per acre per year. The use of water for nursery use may be made at any time, during the period of allowed use specified above, that the use is beneficial. For irrigation of any other crop, the amount of water diverted is limited to one eightieth of one cubic foot per second and 2.5 acre feet per acre during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

NURSERY USE					
Twp	Rng	Mer	Sec	Q-Q	Acres
3 S	1 E	WM	19	NE NW	0.9
3 S	1 E	WM	19	SE NW	18.7
Total					19.6

Permit Amendment T-14107 Conditions:

The quantity of water diverted at the new points of appropriation (Re-described Wells 2, 3, and 4), shall not exceed the quantity of water lawfully available at the original points of appropriation (Wells 2, 3, and 4).

Water use measurement conditions:

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

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

Permit Amendment T-12409 Conditions:

The combined quantity of water diverted at the new points of appropriation (Wells 4 and 5), together with that diverted at the old points of appropriation (Wells 1, 2, and 3), shall not exceed the quantity of water lawfully available at the original points of appropriation.

Water use measurement conditions:

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

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

Original Permit Conditions:

Measurement, recording and reporting Conditions:

- A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.
- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to make and report annual static water level measurements. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

Measurements must be made according to the following schedule:

Before Use of Water Takes Place

Initial and Annual Measurements

The Department requires the permittee to submit an initial water level measurement in the month specified above once well construction is complete, and annually thereafter until use of water begins; and

After Use of Water has Begun

Seven Consecutive Annual Measurements

Following the first year of water use, the user shall submit seven consecutive annual reports of static water level measurements. The first of these seven annual measurements will establish the reference level against which future annual measurements will be compared. Based on an analysis of the data collected, the Director may require the user to obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board. Measurements and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

- (A) Identify each well with its associated measurement; and
- (B) Measure and report water levels to the nearest tenth of a foot as depth-to-water below ground surface; and
- (C) Specify the method used to obtain each well measurement; and
- (D) Certify the accuracy of all measurements and calculations reported to the Department.

The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s) if annual water level measurements reveal any of the following events:

- (A) An average water level decline of three or more feet per year for five consecutive years; or
- (B) A water level decline of 15 or more feet in fewer than five consecutive years; or
- (C) A water level decline of 25 or more feet; or
- (D) Hydraulic interference leading to a decline of 25 or more feet in any neighboring well with senior priority.

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

If the number, location, source, or construction of any well deviates from that proposed in the permit application or permit conditions, the conclusions of the Proposed Final Order and Final Order under which this permit was granted may be revised, conditions may be appropriately revised, or this permit may not be valid.

STANDARD CONDITIONS

If the number, location, source, or construction of any well deviates from that proposed in the permit application or permit conditions, the conclusions of the Proposed Final Order and Final Order under which this permit was granted may be revised, conditions may be appropriately revised, or this permit may not be valid.

If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this permit, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.

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

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

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

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

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

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

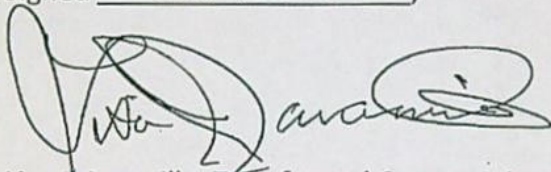
The use of water shall be limited when it interferes with any prior surface or ground water rights.

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

Complete application of the water to the use was to be made on or before October 1, 2008. By Extension of Time Final Order dated February 8, 2019, the completion of the application of water was extended to on or before October 1, 2023. If the water is not completely applied before this date, and the permittee wishes to continue development under the permit, the permittee must submit an application for extension of time, which may be approved based upon the merit of the application.

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

Signed MAR 14 2023 ;



Lisa J. Jaramillo, Transfer and Conservation Section Manager, for
DOUGLAS E. WOODCOCK, ACTING DIRECTOR
Oregon Water Resources Department

REAL ESTATE TRANSACTIONS: Pursuant to ORS 537.330, in any transaction for the conveyance of real estate that includes any portion of the lands described in this permit, the seller of the real estate shall, upon accepting an offer to purchase that real estate, also inform the purchaser in writing whether any permit, transfer approval order, or certificate evidencing the water right is available and that the seller will deliver any permit, transfer approval order or certificate to the purchaser at closing, if the permit, transfer approval order or certificate is available.

CULTURAL RESOURCES PROTECTION LAWS: Permittees involved in ground-disturbing activities should be aware of federal and state cultural resources protection laws. ORS 358.920 prohibits the excavation, injury, destruction or alteration of an archeological site or object, or removal of archeological objects from public and private lands without an archeological permit issued by the State Historic Preservation Office. 16 USC 470, Section 106, National Historic Preservation Act of 1966 requires a federal agency, prior to any undertaking to take into account the effect of the undertaking that is included on or eligible for inclusion in the National Register. For further information, contact the State Historic Preservation Office at 503-378-4168, extension 232.

COURCHANE Corey A * WRD

From: ELLIOTT Chloe * WRD
Sent: Friday, March 10, 2023 10:22 AM
To: COURCHANE Corey A * WRD
Cc: MARTIN Duff A * WRD
Subject: Recorded Time for RA PD T 14107

Good Morning Corey!

Data has completed RA T 14107 in 1hr 25 minutes. Have a great weekend!

Best Wishes,

Chloe Elliott

Data Tech 1
Oregon Water Resources Department
725 Summer St. NE, Suite A
Salem, Oregon 97301



OREGON
WATER
RESOURCES
DEPARTMENT

Integrity | Service | Technical Excellence | Teamwork | Forward-Looking

Groundwater Transfer Review Summary Form

Transfer/PA # T- 14107 (RA)

GW Reviewer Dennis Orłowski Date Review Completed: 12/12/2022

Summary of Same Source Review:

- The proposed change in point of appropriation is not within the same aquifer as per OAR 690-380-2110(2).

Summary of Injury Review:

- The proposed transfer will result in another, existing water right not receiving previously available water to which it is legally entitled or result in significant interference with a surface water source as per 690-380-0100(3).

Summary of GW-SW Transfer Similarity Review:

- The proposed SW-GW transfer doesn't meet the definition of "similarly" as per OAR 690-380-2130.

This is only a summary. Documentation is attached and should be read thoroughly to understand the basis for determinations.



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

Ground Water Review Form:

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

Application: T-14107

Applicant Name: Keith Ketch De Kanter

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

Reviewer(s): Dennis Orlowski

Date of Review: 12/12/2022

Date Reviewed by GW Mgr. and Returned to WRSD: jti 2/9/23

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

- The water well reports provided with the application do not correspond to the water rights affected by the transfer.
- The application does not include water well reports or a description of the well construction details sufficient to establish the ground water body developed or proposed to be developed.
- Other _____

1. Basic description of the changes proposed in this transfer: This proposed permit amendment relates to permit G-17787, which is for primary nursery use on 19.6 acres. Permit G-17787 authorizes the use of up to five wells (POAs) to provide water, pumping at a combined maximum instantaneous rate of 0.489 cfs (~220 gpm).

This application proposes to amend permit G-17787 by revising/correcting the existing authorized locations for three of the five wells: Well 2 (CLAC 76807), Well 3 (CLAC 70380), and Well 4 (CLAC 73475).

NOTE: The other two authorized POAs, Well 1 (CLAC 69797) and Well 5 (CLAC 73470), were drilled but then immediately abandoned due to insufficient yield.

2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
 Yes No Comments: All three existing wells (CLAC 76807, CLAC 70380, and CLAC 73475) obtain groundwater from thin (generally less than 10 feet thick) water-bearing sand layers within the Willamette Confining Unit (Gannett and Caldwell, 1998).
3. a) Is there more than one source developed under the right (e.g., basalt and alluvium)?
 Yes No _____
- b) If yes, estimate the portion of the right supplied by each of the sources and describe any limitations that will need to be placed on the proposed change (rate, duty, etc.): _____

4. a) Will this proposed change, at its maximum allowed rate of use, likely result in an increase in interference with **another ground water right**?

Yes No Comments: The purpose for this application is to reconcile three well locations authorized by permit G-17787 with the *actual* installed locations of each well. The actual locations of Well 3 (CLAC 70380) and Well 4 (CLAC 73475) are very near their authorized locations, with the differences being approximately 55 feet north and 25 feet southeast, respectively.

Conversely, the actual location for Well 2 (CLAC 76807) is relatively much farther away than its authorized location, at about 960 farther to the north. Therefore, the focus of this review was on the actual location of Well 2, and the potential pumping impacts it might have on nearby groundwater users and surface water sources.

Compared to its authorized location, the actual Well 2 (CLAC 76807) location is nearer to two existing wells (CLAC 69002 and CLAC 73470) by about approximately 900-1000, and thus its use will likely result in an increase in interference with those two wells.

- b) If yes, would this proposed change, at its maximum allowed rate of use, likely result in another groundwater right not receiving the water to which it is legally entitled?

Yes No If yes, explain: To evaluate potential interference with CLAC 69002 (nearest known well location) caused by pumping of Well 2 (CLAC 76807), drawdown was estimated using the Theis (1935) analytical solution for a confined aquifer. Hydraulic parameters used for the analysis were derived from pumping test results from Well 3 (CLAC 70380) and from regional data and studies (Conlon and others, 2005; McFarland and Morgan, 1996; Woodward, et. al, 1998), and are within a typical range of values for a comparable hydrogeologic regime (Freeze and Cherry, 1979).

Results of the analyses indicate that interference with CLAC 69002 due to the proposed change might result in about 10 feet of additional drawdown after continuously pumping for 335 days (total duration required to reach the applicable duty limitation) at the maximum assumed rate for an individual well (0.116 cfs, ~50 gpm). CLAC 69002 is 160 feet deep; with an assumed static water level ranging from 40-50 ft bsl, CLAC 69002 thus has approximately 110-120 feet of available drawdown. Consequently, it is unlikely that an additional ten feet of drawdown at CLAC 69002 caused by pumping of Well 2 (CLAC 76807) (derived using *conservative* operational and hydrogeologic parameters) will result in CLAC 69002 (and other similarly located and completed wells) from receiving the water to which it is legally entitled.

Note: review of nearby well logs indicates that the thin water-bearing sand units tend to be laterally discontinuous. It is likely that this factor results in possibly overstating interference in both well-to-well and surface water depletion analyses (thus resulting in conservatively high estimates).

5. a) Will this proposed change, at its maximum allowed rate of use, likely result in an increase in interference with **another surface water source**?
- Yes No Comments: The confined alluvial aquifer tapped by the G-17787 wells is hydraulically connected to the Willamette River, and to a much lesser extent to the more distal Molalla River (see application G-18855 groundwater review). As stated in the previous G-18855 review that considered this same grouping of wells, analytical modeling of stream depletion was not performed for that review due to the likely discontinuous distribution of thin sand water-bearing layers and significant uncertainty regarding appropriate hydraulic parameters. For this review, it is similarly concluded that, based on professional judgement and the substantial intervening thickness of low-permeability sediments between the production depths of the POAs and nearby streambed elevations, it is not likely that the proposed change will result in an increase in interference with nearby surface water sources.
- b) If yes, at its maximum allowed rate of use, what is the expected change in degree of interference with any **surface water sources** resulting from the proposed change?
- Stream: _____ Minimal Significant
- Stream: _____ Minimal Significant
- Provide context for minimal/significant impact: _____
6. For SW-GW transfers, will the proposed change in point of diversion affect the surface water source similarly (as per OAR 690-380-2130) to the authorized point of diversion specified in the water use subject to transfer?
- Yes No Comments: Not applicable
7. What conditions or other changes in the application are necessary to address any potential issues identified above: None
8. Any additional comments: None

References

Application files: G-18855, G-18143, T-13112

Permits: G-17787, G-17557

Certificates: 54225

Conlon, T.D., Wozniak, K.C., Woodcock, D., Herrera, N.B., Fisher, B.J., Morgan, D.S., Lee, K.K., and Hinkle, S.R., 2005, Ground-water hydrology of the Willamette Basin, Oregon: U.S. Geological Survey Scientific Investigations Report 2005-5168.

Freeze, R.A. and Cherry, J.A., 1979, Groundwater, Prentice Hall, Englewood Cliffs, New Jersey, 604 p.

Gannett, M.W. and Caldwell, R., 1998, Geologic framework of the Willamette Lowland aquifer system, Oregon and Washington: U.S. Geological Survey Professional Paper 1424-A, 32 p.

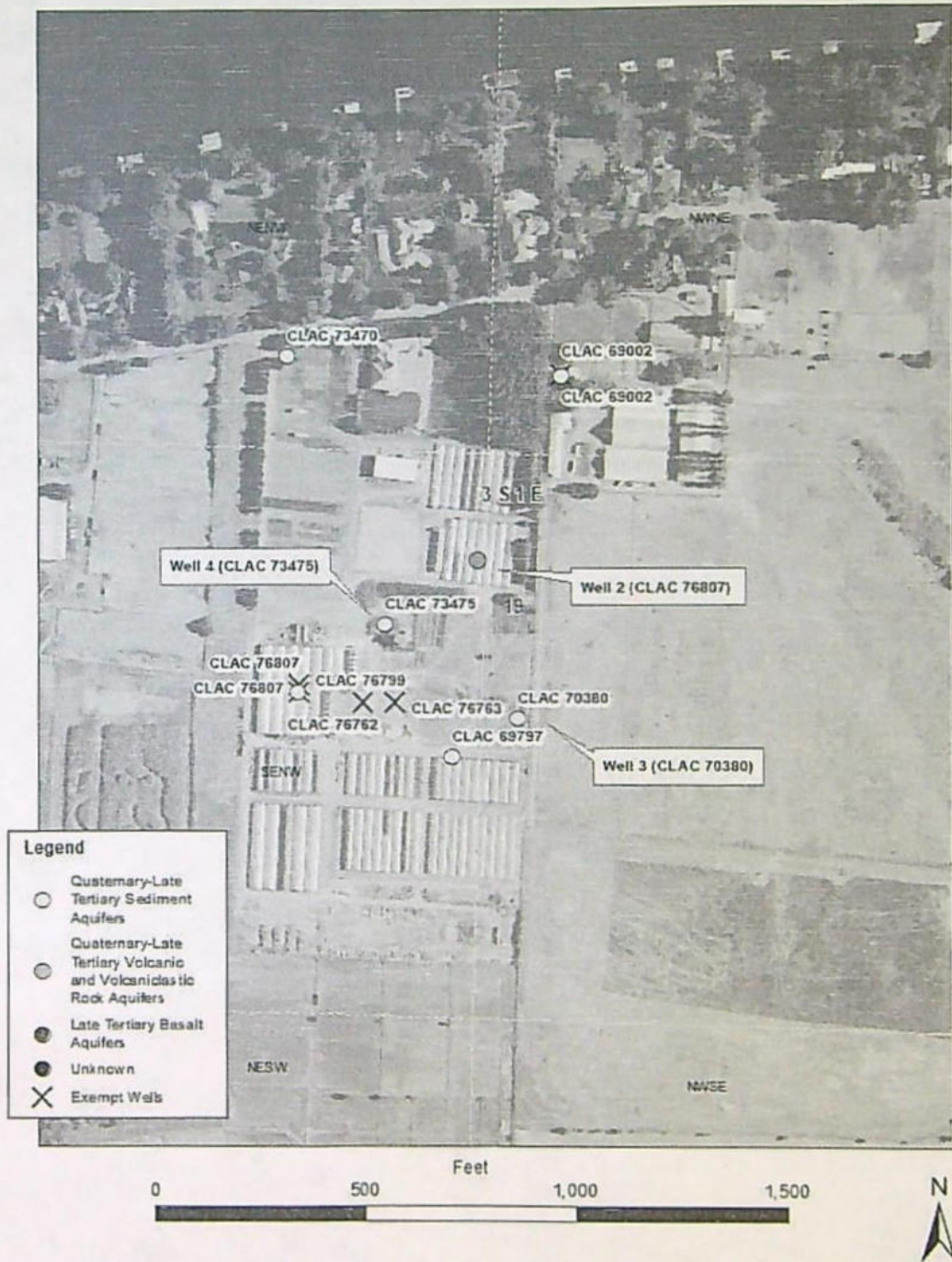
McFarland, W.D., and Morgan, D.S., 1996, Description of the Ground-Water Flow System in the Portland Basin, Oregon and Washington: U.S. Geological Survey Water Supply Paper 2470-A, 58 p.

Theis, C.V., 1935, The relation between the lowering of the piezometric surface and the rate and duration of discharge of a well using groundwater storage, American Geophysical Union Transactions, vol. 16, p. 519-524.

Woodward, D.G., Gannett, M.W., and Vaccaro, J.J., 1998, Hydrogeologic framework of the Willamette Lowland aquifer system, Oregon and Washington: U.S. Geological Survey Professional Paper 1424-B, 82 p.

Well Location Map

T-14107 DeKanter



Service Layer Credits: Oregon Statewide Imagery Program (OSIP) - Oregon Imagery Framework Implementation Team

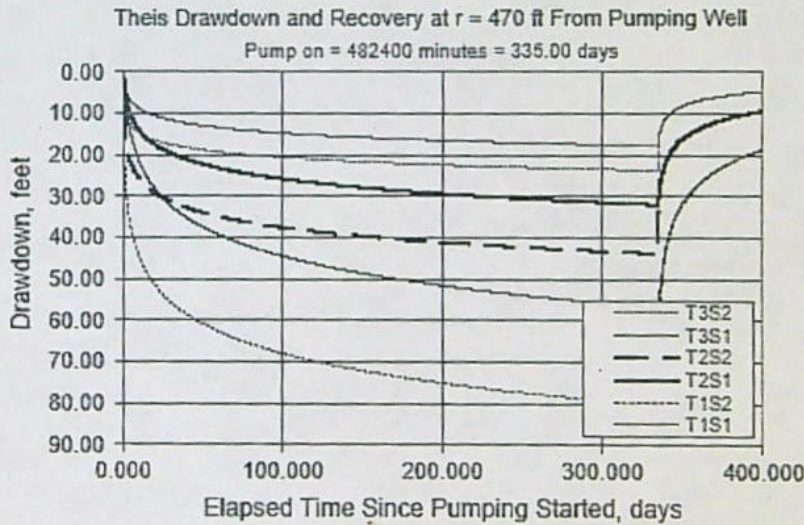
Theis Interference/Drawdown Analysis: ORIGINAL Well 2 (CLAC 76807) to CLAC 69002

Theis Time-Drawdown Worksheet v.5.00

Calculates Theis nonequilibrium drawdown and recovery at any arbitrary radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and 2 different S values.
 Written by Karl C. Wozniak September 1992. Last modified December 17, 2019

Input Data:	Var Name	Scenario 1	Scenario 2	Scenario 3	Units	
Total pumping time	t		335		d	
Radial distance from pumped well:	r		1430		ft	Q conversions
Pumping rate	Q		0.1116		cfs	50.09 gpm
Hydraulic conductivity	K	5	10	20	ft/day	0.11 cfs
Aquifer thickness	b		15		ft	6.70 cfm
Storativity	S_1		0.001			9,642.24 cfd
	S_2		0.0001			0.22 afd
Transmissivity Conversions	T_ftpd	75	150	300	ft ² /day	Recalculate
	T_ft2pm	0.052083	0.104167	0.208333	ft ² /min	
	T_gpdpt	561	1122	2244	gpd/ft	

Use the Recalculate button if recalculation is set to manual



This Interference/Drawdown Analysis: CORRECTED Well 2 (CLAC 76807) to CLAC 69002

This Time-Drawdown Worksheet v.5.00

Calculates Theis nonequilibrium drawdown and recovery at any arbitrary radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and 2 different S values.

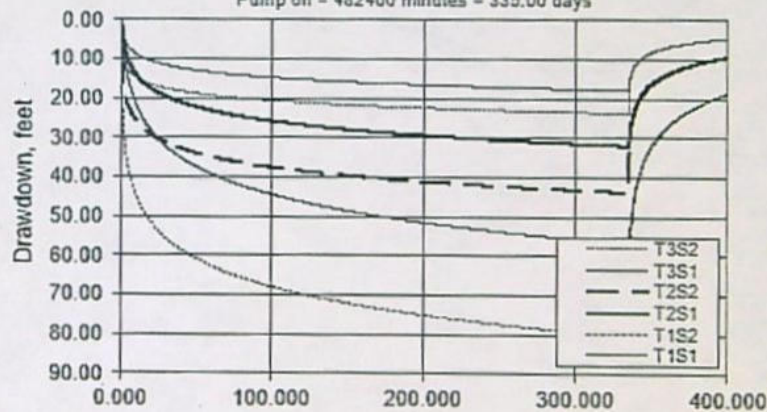
Written by Karl C. Wozniak September 1992. Last modified December 17, 2019

Input Data:	Var Name	Scenario 1	Scenario 2	Scenario 3	Units	
Total pumping time	t		335		d	
Radial distance from pumped well:	r		470		ft	Q conversions
Pumping rate	Q		0.1116		cfs	50.09 gpm
Hydraulic conductivity	K	5	10	20	ft/day	0.11 cfs
Aquifer thickness	b		15		ft	6.70 cfm
Storativity	S_1		0.001			9,642.24 cfd
	S_2		0.0001			0.22 a/d
Transmissivity Conversions	T_ftpd	75	150	300	ft ² /day	<input type="button" value="Recalculate"/>
	T_ft2pm	0.052083	0.104167	0.208333	ft ² /min	
	T_gpdft	561	1122	2244	gpd/ft	

Use the Recalculate button if recalculation is set to manual

This Drawdown and Recovery at r = 470 ft From Pumping Well

Pump on = 482400 minutes = 335.00 days



**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **139442**

725 Summer St. N.E. Ste. A
SALEM, OR 97301-4172
(503) 986-0900 / (503) 986-0904 (fax)

INVOICE # _____

RECEIVED FROM: Little Prince of

BY: Oregon Nursery, Inc.

APPLICATION _____

PERMIT _____

TRANSFER T-14107

CASH: CHECK: # 28411 OTHER: (IDENTIFY)

TOTAL REC'D \$ 1,641.94

1083 TREASURY 4170 WRD MISC CASH ACCT

0407 COPIES R-11404-23 47124 \$
0412 OTHER: (IDENTIFY) Reimbursement Authority \$ 1,641.94

0243 I/S Lease _____ 0244 Muni Water Mgmt. Plan _____ 0245 Cons. Water _____

4270 WRD OPERATING ACCT

MISCELLANEOUS

0407 COPY & TAPE FEES \$
0410 RESEARCH FEES \$
0408 MISC REVENUE: (IDENTIFY) _____ \$
TC162 DEPOSIT LIAB. (IDENTIFY) _____ \$
0240 EXTENSION OF TIME \$

WATER RIGHTS:

0201 SURFACE WATER	EXAM FEE	0202	RECORD FEE
0203 GROUND WATER	\$	0204	\$
0205 TRANSFER	\$		\$

WELL CONSTRUCTION

0218 WELL DRILL CONSTRUCTOR	EXAM FEE	0219	LICENSE FEE
LANDOWNER'S PERMIT	\$	0220	\$

OTHER (IDENTIFY) _____

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE \$ CARD# _____
0210 MONITORING WELLS \$ CARD# _____

OTHER (IDENTIFY) _____

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233 POWER LICENSE FEE (FW/WRD) \$
0231 HYDRO LICENSE FEE (FW/WRD) \$
HYDRO APPLICATION \$

TREASURY OTHER / RDX

FUND _____ TITLE _____

OBJ. CODE _____ VENDOR # _____

DESCRIPTION _____ \$ _____

RECEIPT: **139442**

DATED: 10/31/22 BY: Mollen Kay

RECEIVED

OCT 31 2022

REIMBURSEMENT AUTHORITY
APPLICANT'S AGREEMENT
Contract Number: R11-404-23

OWRD

This Agreement is between the Oregon Water Resources Department, hereafter OWRD, and Keith Ketch DeKanter, hereafter Applicant, hereafter known together as the parties.

OWRD Information	Applicant's Information	Applicant's Representative
Contact: Kelly Starnes	Name: Keith Ketch DeKanter	Name: Pacific Hydro-Geology, Inc.
Title: Transfer Advisor	Contact:	Contact: Doann Hamilton
Address: 725 Summer Street, NE, Suite A Salem, OR 97301-1266	Address: 15868 NE Eilers Rd Aurora, OR 97002	Address: 18487 S. Valley Vista Rd Mulino, OR 97042
Phone: 503 979-3511	Phone: (503) 678-5888	Phone: (503) 349-6946
Fax: 503 986-0901	Fax:	Fax: (503) 632-5983
Email: patrick.k.starnes@water.oregon.gov	Email:	Email: phgdmh@gmail.com

Purpose The purpose of this Agreement is to expedite the processing of the Transfer Application. (Application Number: T-14107)

1. **Authority.** The OWRD has been authorized pursuant to ORS 536.055 to enter into a voluntary agreement with any applicant, permittee or regulated entity (collectively Applicant) for expediting or enhancing a regulatory process. In making this agreement, OWRD shall require the applicant to pay the full cost of expedited process.
2. **Restrictions.** Applicant and OWRD agree that this Agreement shall not be construed to restrict in any way the decisions and actions by OWRD. OWRD shall be free to exercise independent judgment consistent with existing laws and regulations.
3. **Effective Date and Duration.** Unless otherwise terminated by non-deposit of funds by the Applicant, this Agreement shall become effective on the date on which both parties have signed the Agreement and the full deposit of the estimated cost of the proposed service.
4. **Consideration.**
 - a. Applicant shall pay OWRD in advance for actual costs incurred by OWRD. The estimated maximum reimbursement payable to OWRD under this Agreement is \$1,641.94. Applicant agrees to pay the full amount of \$1,641.94 to OWRD prior to commencement of any work stated in this Agreement. This payment will be placed in an account administered by OWRD and drawn upon as costs are actually incurred. If the actual cost of performing the work is less than payments received, OWRD will refund the unspent balance. If the actual cost of processing exceeds the estimate, the Applicant can either elect to terminate this Agreement or amend the Agreement to reflect the increase in cost.
 - b. The costs stated in this Agreement do not include the statutory application processing and filing fees.
5. **Confidentiality.** Applicant agrees that any information provided to or acquired by OWRD under this Agreement will be subject to the Oregon Public Records Law and shall be considered public records.
6. **Indemnity.** Applicant shall defend, save, hold harmless, and indemnify the State of Oregon, OWRD, and their officers, employees, and agents from and against all claims, suits, actions, losses, damages, liabilities, costs, and expenses of any nature resulting from or arising out of, or relating to the activities of Applicant or its representatives, officers, employees, contractors, or agents under this Agreement or with respect to the expedited service. The Applicant acknowledges that the Oregon Water Resources Department cannot and does not guarantee a favorable review under the subject regulatory process.

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A
SALEM, OR 97301-4172

RECEIPT # **139315**

(503) 986-0900 / (503) 986-0904 (fax)

INVOICE # _____

RECEIVED FROM: Little Prince of Oregon
BY: Nursery, Inc

APPLICATION	
PERMIT	
TRANSFER	<u>T-14107</u>

CASH: CHECK:# 28393 OTHER: (IDENTIFY)

TOTAL REC'D \$ 125.00

1083 TREASURY 4170 WRD MISC CASH ACCT

0407 COPIES <u>47124</u>		\$
<u>0412</u> OTHER: (IDENTIFY) <u>Transfer Reimbursement Authority</u>		\$ <u>125.00</u>
0243 I/S Lease _____	0244 Muni Water Mgmt. Plan _____	0245 Cons. Water _____

4270 WRD OPERATING ACCT

MISCELLANEOUS		
0407 COPY & TAPE FEES		\$
0410 RESEARCH FEES		\$
0408 MISC REVENUE: (IDENTIFY) _____		\$
TC162 DEPOSIT LIAB. (IDENTIFY) _____		\$
0240 EXTENSION OF TIME		\$
WATER RIGHTS:		
	EXAM FEE	RECORD FEE
0201 SURFACE WATER	\$	0202 \$
0203 GROUND WATER	\$	0204 \$
0205 TRANSFER	\$	
WELL CONSTRUCTION		
	EXAM FEE	LICENSE FEE
0218 WELL DRILL CONSTRUCTOR	\$	0219 \$
LANDOWNER'S PERMIT		0220 \$
OTHER (IDENTIFY) _____		

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE	\$	CARD#
0210 MONITORING WELLS	\$	CARD#
OTHER (IDENTIFY) _____		

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233 POWER LICENSE FEE (FW/WRD)		\$
0231 HYDRO LICENSE FEE (FW/WRD)		\$
HYDRO APPLICATION		\$

TREASURY OTHER / RDX

FUND _____ TITLE _____
OBJ. CODE _____ VENDOR # _____
DESCRIPTION _____ \$ _____

RECEIPT: **139315**

DATED: 10-11-2022 BY: [Signature]



**OREGON WATER RESOURCES DEPARTMENT
TRANSFER REIMBURSEMENT AUTHORITY
ESTIMATE APPLICATION**



*ORS 536.055 authorizes the Oregon Water Resources Department to expedite or enhance regulatory processes voluntarily requested under the agreement.
Please contact Transfer Personnel before submitting this request; as the application fee is a non-refundable \$125.00 fee per request. Checks submitted for this application should be separate from Transfer fees.
The purpose of this application is to obtain estimates of the cost and time required to process a Transfer Application Request. There is a non-refundable application fee of \$125.00 per request.*

REQUEST	TYPE	FILE NUMBER
<input checked="" type="checkbox"/>	Transfer Application	Transfer Number <u>T-14107 NA</u>

	Applicant Information	Applicant's Representative/Contact
Name:	<u>Keith Ketch DeKanter</u>	Pacific Hydro-Geology, Inc. c/o Doann Hamilton
Address:	<u>15868 NE Eilers Rd</u> <u>Aurora, OR 97002</u>	18487 S. Valley Vista Road Mulino, OR 97042
Phone:	<u>(503) 678-5888</u>	(503) 349-6946 cell
Fax:	_____	(503) 632-5983
E-Mail Address:	_____	phgdmh@gmail.com

I understand the following:

- That upon receipt of my non-refundable application fee of **\$ 125.00**, OWRD will, within fourteen (14) days, notify me in writing of the estimate of costs and time frame for the expedited service.
- That this fee covers the reimbursement authority staff to evaluate and provide the estimate for processing of the request.
- That OWRD will, within fourteen (14) days, notify me in writing of the estimates of costs and time frame for the expedited service.
- That upon receiving the estimate I may agree or decline to enter into a formal contract to pay the estimated cost in advance to initiate the expedited service.
- An incomplete or inaccurate application may delay the process and increase the cost to process my request.
- Expedited processing does not guarantee a favorable review of my request.
- Send completed Application and payment to:

**Oregon Water Resources Department
Transfer Reimbursement Authority Program
725 Summer St. NE, Suite A
Salem, OR 97301-1271**

I certify that I am the (check one):

Applicant Applicant's Representative Other (Please specify) _____

Name: KEITH KETCH DEKANTER

Signature: 

RECEIVED

OCT 11 2022

OWRD

OWRD USE ONLY: Reimbursement Authority Number: R11-404 -23



Oregon
Kate Brown, Governor

Water Resources Department

725 Summer St NE, Suite A

Salem, OR 97301

(503) 986-0900

Fax (503) 986-0904

October 19, 2022

KEITH KETCH DE KANTER
15868 NE EILERS RD
AURORA, OR 97002

Reference: Application T-14107

On October 11, 2022, OWRD received your water right Permit Amendment Application. The application was accompanied by \$2660.00. Our receipt number 139327 is enclosed.

By copy of this letter, we are asking the Watermaster for a report regarding the potential for injury to existing water rights which may be caused by the requested change. A review form will also be sent to our groundwater staff to determine whether the proposed well accesses the same source of water as the original well.

This application may require publication of a notice for two consecutive weeks in a newspaper with general circulation in the area where the water right is located. If it is determined that newspaper notice will be required, the Department will prepare the notice and notify you of the cost. You will be responsible for submitting payment to the Department prior to publication of the notice.

Except as provided under ORS 540.510(3) for municipalities, you may not use water from the new point of appropriation until a final order approving the application has been issued by the Department.

Refer to the following page for a chart showing the steps and expected timelines for the processing of your application.

If you have any questions, please contact the Transfer Section at (503) 979-9931.

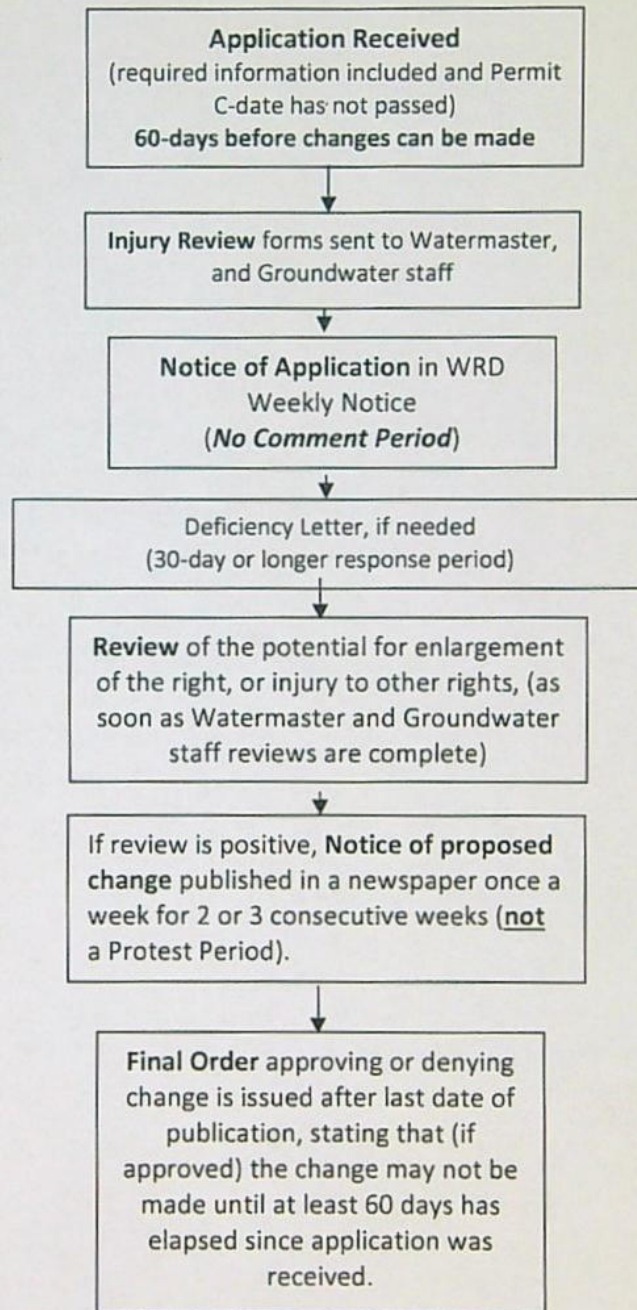
Cc: Watermaster Dist. #20, Amy J. Landvoigt (via email)
Doann Hamilton, Agent
Clackamas County

Enclosure

Permit Amendment Process

ORS 537.211

Changes: POD/POA, Place of Use



**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A
SALEM, OR 97301-4172

(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **139327**

INVOICE # _____

RECEIVED FROM: Little Prince of Oregon
BY: Nursery Ltd

APPLICATION	
PERMIT	
TRANSFER	<u>T-14107</u>

CASH: CHECK:# 28392 OTHER: (IDENTIFY)

TOTAL REC'D \$ 3,660.00

1083 TREASURY 4170 WRD MISC CASH ACCT

0407 COPIES	\$
OTHER: (IDENTIFY)	\$
0243 I/S Lease	
0244 Muni Water Mgmt. Plan	
0245 Cons. Water	

4270 WRD OPERATING ACCT

MISCELLANEOUS			
0407 COPY & TAPE FEES	\$		
0410 RESEARCH FEES	\$		
0408 MISC REVENUE: (IDENTIFY)	\$		
TC162 DEPOSIT LIAB. (IDENTIFY)	\$		
0240 EXTENSION OF TIME	\$		
WATER RIGHTS:			
0201 SURFACE WATER	\$	0202	\$
0203 GROUND WATER	\$	0204	\$
0205 TRANSFER	\$ <u>2,660.00</u>		
WELL CONSTRUCTION			
0218 WELL DRILL CONSTRUCTOR	\$	0219	\$
LANDOWNER'S PERMIT		0220	\$
OTHER (IDENTIFY)			

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE	\$	CARD#	
0210 MONITORING WELLS	\$	CARD#	
OTHER (IDENTIFY)			

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233 POWER LICENSE FEE (FW/WRD)	\$
0231 HYDRO LICENSE FEE (FW/WRD)	\$
HYDRO APPLICATION	\$

TREASURY OTHER / RDX

FUND _____ TITLE _____
OBJ. CODE _____ VENDOR # _____
DESCRIPTION _____ \$ _____

RECEIPT: **139327**

DATED: 10-11-2022 BY: [Signature]

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.

RECEIVED

OCT 11 2022

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

OWRD

- 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: 1**
List the Permits here: Permit G-17787
 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)).

(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: ____/____/____	

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.

RECEIVED

OCT 11 2022

OWRD

- 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 Keith Ketch DeKanter		PHONE NO. (503) 678-5888	ADDITIONAL CONTACT NO.
ADDRESS 15868 NE Eilers Rd			FAX NO.
CITY Aurora	STATE OR	ZIP 97002	E-MAIL
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 Doann Hamilton / Pacific Hydro-Geology, Inc.		PHONE NO. (503) 632-5016	ADDITIONAL CONTACT NO. (503) 632-5983 (Cell)
ADDRESS 18487 S. Valley Vista Road			FAX NO. (503) 632-5983
CITY Mulino	STATE OR	ZIP 97042	E-MAIL phgdmh@gmail.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 authorized well location for Well 2 is located too far south for the installation of electrical and irrigation lines to be economically feasible. We have drilled two wells (Wells 1 and 5) that could not produce enough volume to be useful. The recently installed new proposed Well 2, together with Wells 3 and 4 will supply our needs and we need to have the new Well 2 location approved. In addition, we need to amend the permit to reflect minor changes in the locations for Wells 3 and 4.

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)? October 1, 2023

- 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: Canby Herald

RECEIVED

OCT 11 2022



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

[Signature]
Applicant Signature

KEITH KETCH DE KANTER
Print Name (and Title if applicable)

9/26/2022
Date

RECEIVED

Applicant Signature

Print Name (and Title if applicable)

Date

OCT 11 2022

Check one of the following:

OWRD

- 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 NA	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 NA	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 Clackamas Co. Department of Transportation and Development, Planning Division	ADDRESS 150 Beaver Creek Road	
CITY Oregon City	STATE Oregon	ZIP 97045

ENTITY NAME	ADDRESS	
CITY	STATE	ZIP

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-17787

OCT 11 2022

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)
Well 1	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	CLAC 69797	3	S	1	E	19	SE	NW	Lot 3	600 feet north and 290 feet west from the center ¼ corner, Section 19
Well 2	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	NA	3	S	1	E	19	SE	NW	Lot 3	120 feet north and 30 feet west from the center ¼ corner, Section 19
Re-described Well 2	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	CLAC 76807	3	S	1	E	19	SE	NW	Lot 3	1,080 feet north and 15 feet west from the center ¼ corner, Section 19
Well 3	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	NA	3	S	1	E	19	SE	NW	Lot 3	655 feet north and 25 feet west from the center ¼ corner, Section 19
Re-described Well 3	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	CLAC 70380	3	S	1	E	19	SE	NW	Lot 3	600 feet north and 30 feet west from the center ¼ corner, Section 19
Well 4	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	NA	3	S	1	E	19	NE	NW	Lot 3	1,475 feet north and 605 feet west from the center ¼ corner, Section 19
Re-described Well 4	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	CLAC 73475	3	S	1	E	19	NE	NW	Lot 3	1,455 feet north and 590 feet west from the center ¼ corner, Section 19
Well 5	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	CLAC 73470	3	S	1	E	19	SE	NW	Lot 3	875 feet north and 335 feet west from the center ¼ corner, Section 19

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

- | | |
|---|--|
| <input type="checkbox"/> Place of Use (POU) | <input checked="" type="checkbox"/> Point of Appropriation/Well (POA) |
| <input type="checkbox"/> Point of Diversion (POD) | <input 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: - NA

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

Table 2. Description of Changes to Water Use Permit # G-17787

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	Gvt Lot or DLC	Acre (if applicable)	POD(s) or POA(s) (name or number from Table 1)	Priority Date		Twp	Rng	Sec	¼ ¼	Tax Lot	Gvt Lot or DLC	Acre (if applicable)	POD(s) or POA(s) to be used (from Table 1)	Priority Date			
									POA	3	S	1	E	19	NE	NW	307	Lot 3	0.9	Re-described Wells 2,3, & 4	9-9-2003
									POA	3	S	1	E	19	SE	NW	307	Lot 3	18.7	Re-described Wells 2,3, & 4	9-9-2003
TOTAL ACRES										TOTAL ACRES						19.6					

Additional remarks: None.

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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: NA

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.

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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 1	Yes / abandoned	CLAC 69797	See Well Log CLAC 69797 - abandoned							Not less than full rate of water right
Authorized Well 2	No	NA	NOT DRILLING							
Proposed Well 2	Yes	CLAC 76807	See Well Log CLAC 76807							
Authorized Well 3	No	NA	NOT DRILLING							
Proposed Well 3	Yes	CLAC 70380	See Well Log CLAC 70380							
Authorized Well 4	No	NA	NOT DRILLING							
Proposed Well 4	Yes	CLAC 73475	See Well Log CLAC 73475							
Well 5	Yes / abandoned	CLAC 73470	See Well Log CLAC 73470 - abandon							

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Land Use Information Form

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Applicant(s): Keith Ketch DeKanter

Mailing Address: 15868 NE Eilers Rd

OWRD

City: Aurora

State: OR

Zip Code: 97002

Daytime Phone: (503) 678-5888

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Township	Range	Section	¼ ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:			Proposed Land Use:
<u>3S</u>	<u>1E</u>	<u>19</u>	_____	<u>307</u>	<u>EFU</u>	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	<u>NU</u>
_____	_____	_____	_____	_____	_____	<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	_____
_____	_____	_____	_____	_____	_____	<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	_____
_____	_____	_____	_____	_____	_____	<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	_____

List all counties and cities where water is proposed to be diverted, conveyed, and/or used or developed:

Clackamas County

B. Description of Proposed Use

Type of application to be filed with the Water Resources Department:

- Permit to Use or Store Water
 Water Right Transfer
 Permit Amendment or Ground Water Registration Modification
 Limited Water Use License
 Allocation of Conserved Water
 Exchange of Water

Source of water: Reservoir/Pond
 Ground Water
 Surface Water (name) _____

Estimated quantity of water needed: 0.489
 cubic feet per second
 gallons per minute
 acre-feet

Intended use of water: Irrigation
 Commercial
 Industrial
 Domestic for _____ household(s)
 Municipal
 Quasi-Municipal
 Instream
 Other Nursery

Briefly describe:

This Land Use Information Form is to accompany a permit amendment application that proposes to change the locations of three points of appropriation (wells) for existing water right Permit G-17787.

Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources Department.

See bottom of Page 3. →

For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box below and provide the requested information

- Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): EFU Zone, ZDO 401
- Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) **If approvals have been obtained but all appeal periods have not ended, check "Being pursued."**

Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:	
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued

Local governments are invited to express special land-use concerns or make recommendations to the Water Resources Department regarding this proposed use of water below, or on a separate sheet.

In the EFU zone Nursery stock/Farming primary allowed use.

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Name: Lizbeth Dance Title: Planner II

Signature: LDance Digitally signed by: LDance
DN: CN = LDance email = LDance@clackamas.us
Date: 2022.10.03 15:32:39 -07'00' Phone: (503)742-4500 Date: 10/3/2022

Government Entity: Clackamas County

Note to local government representative: Please complete this form or sign the receipt below and return it to the applicant. If you sign the receipt, you will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.



Receipt for Request for Land Use Information

Applicant name: Keith DeKanter

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City or County: Clackamas County Staff contact: Lizbeth Dance

OCT 11 2022

Signature: LDance Digitally signed by: LDance
DN: CN = LDance email = LDance@clackamas.us
Date: 2022.10.03 15:33:07 -07'00' Phone: X4524 Date: 10/3/2022

OWRD

CLAC 69797

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

WELL LABEL # L
 START CARD # 209799

(1) LAND OWNER Owner Well I.D. _____
 First Name _____ Last Name _____
 Company LITTLE PRINCE OF OREGON NURSERY
 Address 15868 NE EILERS RD.
 City AURORA State OR Zip 97002

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

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable Auger Cable Mud
 Reverse Rotary Other _____

(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 0 ft.

BORE HOLE			SEAL			Amt	sacks/ lbs
Dia	From	To	Material	From	To		
6.25	0	309	Cement	0	309	43	S

How was seal placed: Method A B C D E
 Other **PUMPED INTO WELL B**
 Backfill placed from _____ ft. to _____ ft. Material _____
 Filter pack from _____ ft. to _____ ft. Material _____ Size _____
 Explosives used: Yes Type _____ Amount _____

(6) CASING/LINER

Casing	Liner	Dia	From	To	Gauge	Stl	Plstc	Wld	Thrd
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<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 _____ Material _____

Perf/S	Casing/Screen	Screen	Dia	From	To	Sort/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)

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)
 County CLACKAM Twp 3 S N/S Range 1 E E/W WM
 Sec 19 SW 1/4 of the NW 1/4 Tax Lot 307
 Tax Map Number _____ Lot _____
 Lat _____ or _____ DMS or DD
 Long _____ or _____ DMS or DD
 Street address of well Nearest address

15868 NE EILERS RD.

(10) STATIC WATER LEVEL Date _____ SWL(psi) _____ SWL(ft) _____
 Existing Well / Predeepening _____
 Completed Well _____
 Flowing Artesian? Dry Hole?

WATER WAS FIRST FOUND BY OWNER

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)
<u>JUN 17 2013</u>					

SALEM, OR

(11) WELL LOG Ground Elevation _____

Material	From	To
TOPSOIL	0	1
BROWN SILTY SANDY CLAY	1	13
FINE BROWN SAND	13	33
FINE TO COARSE BROWN SAND	33	39
FIRM GRAY SANDY CLAY	39	61
STICKY BLUE GRAY CLAY	61	66
FINE TO MEDIUM BLACK SAND	66	69
STICKY BLUE GRAY CLAY	69	87
STICKY BROWN CLAY	87	105
STICKY BLUE GRAY CLAY	105	144
FINE COMPACT BLACK SAND	144	150
FINE COMPACT GRAY SAND	150	155
FIRM DARK GRAY CLAYSTONE	155	178
STICKY GRAY CLAY	178	199
SOFT GRAY SANDY CLAY	199	218
STICKY GRAY CLAY	218	309
DRY HOLE ABANDONED:		
PUMPED CEMENT GROUT INTO WELL BORE	309	0

Date Started 06-10-2013 Completed 06-13-2013

(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 _____
 Password : (if filing electronically) _____
 Signed _____

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

License Number 1266 Date 06-13-2013
 Password : (if filing electronically) _____
 Signed _____
 Contact Info (optional) _____

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

CLAC 76807

WELL I.D. LABEL# L 143567
START CARD # 1054373
ORIGINAL LOG #

11/18/2021

(1) LAND OWNER Owner Well I.D. _____
First Name KETCH Last Name DEKANTER
Company LITTLE PRINCE OF OREGON

Address 15868 NE EILERS RD
City AURORA State OR Zip 97002
(2) TYPE OF WORK New Well Deepening Conversion
 Alteration (complete 2a & 10) Abandonment (complete 5a)

(2a) PRE-ALTERATION
Casing: Dia + From To Gauge Stl Plstc Wld Thrld
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 180.00 ft.
BORE HOLE SEAL sacks/lbs
Dia From To Material From To Amt lbs
10 0 180 Bentonite 0 50 14 S
Calculated 20.25
Cement 50 125 20 S
Calculated 20.13

How was seal placed: Method A B C D E
 Other BENTONITE POURED S
Backfill placed from _____ ft. to _____ ft. Material _____
Filter pack from 125 ft. to 180 ft. Material SAND Size 8 MESH
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 Thrld
8 2 4.5 .250
6 1.5 135 .200
6 175 180 .200
Shoe Inside Outside Other Location of shoe(s) _____
Temp casing Yes Dia _____ From + _____ To _____

(7) PERFORATIONS/SCREENS
Perforations Method _____
Screens Type SLOTTED Material PVC
Perf/ Casing/ Screen Dia From To Scrns/slot Slot # of Tele/
Screen Liner Dia From To width length slots pipe size
Screen Casing 6 135 175 20 020 20 6

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)
70 _____ 130 1
Temperature 60 °F Lab analysis Yes By _____
Water quality concerns? Yes (describe below) TDS amount 125 ppm
From To Description Amount Units

(9) LOCATION OF WELL (legal description)
County CLACKAMAS Twp 3.00 S N/S Range 1.00 E E/W WM
Sec 19 SE 1/4 of the NW 1/4 Tax Lot 307
Tax Map Number _____ Lot _____
Lat _____ " or 45.29765323 DMS or DD
Long _____ " or -122.73500707 DMS or DD
 Street address of well Nearest address
15868 NE EILERS RD, AURORA, OR 97002

(10) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Pre-Alteration _____
Completed Well 11/15/2021 _____ 37
Flowing Artesian? Dry Hole?

WATER BEARING ZONES Depth water was first found 135.00

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)
<u>11/15/2021</u>	<u>135</u>	<u>175</u>	<u>70</u>		<u>37</u>

(11) WELL LOG Ground Elevation _____

Material	From	To
BROWN SANDY CLAY	0	40
WOOD W BROWN BLACK SAND	40	48
PEA GRAVEL W WOOD	48	53
SILTY CLAY	53	70
BLUE CLAY	70	78
BROWN CLAY	78	95
BLUE CLAY	95	135
FINE BLACK SAND	135	145
BLACK CEMENTED SAND	145	175
GRAY CLAY	175	180

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Date Started 11/8/2021 Completed 11/15/2021

(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 2054 Date 11/16/2021
Signed MILO APPLEBEE (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. This report is true to the best of my knowledge and belief.
License Number 2023 Date 11/18/2021
Signed MICHAEL APPLEBEE (E-filed)
Contact Info (optional) ALPINE RESOURCES LLC 503-647-2969

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

WELL LABEL # L 111835

START CARD # 209801

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

First Name _____ Last Name _____
 Company LITTLE PRINCE OF OREGON NURSERY
 Address 15868 NE EILERS RD.
 City AURORA State OR Zip 97002

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

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

(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 185 ft.

BORE HOLE			SEAL			sacks/	
Dia	From	To	Material	From	To	Amt	lbs
12.25	0	185	Cement / Gravel	0	145	61	5

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

Backfill placed from _____ ft. to _____ ft. Material _____
 Filter pack from 145 ft. to 185 ft. Material SAND/GRAVEL Size #3/4x1/4

Explosives used: Yes Type _____ Amount _____

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Std	Plstc	Wld	Thrd
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	8		2	170	.250	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	6		160	170	.250	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	6		180	185	.250	<input type="checkbox"/>	<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 WOUNDWIRE Material STAINLESS

Perf/S	Casing/	Screen	Liner	Dia	From	To	Sens/slot	Slot	# of	Tele/
Screen	Casing						width	length	slots	pipe size
				8	170	180	.030			TELE

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

Pump Bailer Air Flowing Artesian

	Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
BAILER	42	71		1
AIR	60		150	1

Temperature 56 °F Lab analysis Yes By _____
 Water quality concerns? Yes (describe below)

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County CLACKAM Twp 3 S N/S Range 1 E E/W WM
 Sec 19 SW 1/4 of the NW 1/4 Tax Lot 307
 Tax Map Number _____ Lot _____
 Lat _____ or _____ DMS or DD
 Long _____ or _____ DMS or DD
 Street address of well Nearest address

15868 NE EILERS RD

(10) STATIC WATER LEVEL

Existing Well / Predeepening	Date	SWL (psi)	+ SWL (ft)
Completed Well	06-20-2013		44

Flowing Artesian? Dry Hole?

WATER BEARING ZONES Depth water was first found 171

SWL Date	From	To	Est Flow	SWL (psi)	+ SWL (ft)
06-20-2013	171	180	60		44

(11) WELL LOG

Material	From	To
TOPSOIL	0	1
BROWN SILTY CLAY	1	27
FINE BROWN SAND	27	36
FINE GRAY MUDDY SAND WITH WOOD,	36	
INCREASING COARSE TO SMALL GRAVEL		42
STICKY GRAY CLAY	42	58
BLACK SANDSTONE	58	62
MUDDY BLACK SAND	62	65
SOFT GRAY SANDY CLAY	65	69
STICKY BROWN CLAY	69	107
STICKY BLUE GRAY CLAY	107	138
SOFT BLACK SANDSTONE	138	149
FIRM DARK GRAY CLAYSTONE	149	171
FINE TO COARSE BLACK SAND	171	180
STICKY GRAY CLAY	180	185

Date Started 06-13-2013 Completed 06-20-2013

(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 well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number _____ Date MAR 18 2014
 Password: (if filing electronically) _____
 Signed _____ WATER RESOURCES DEPT

(bonded) Water Well Constructor Certification SALEM, OREGON

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 1266 Date 06-21-2013
 Password: (if filing electronically) _____
 Signed _____
 Contact Info (optional) _____

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OCT 11 2022

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

CLAC 73475

WELL I.D. LABEL# 123303
 START CARD # 214872
 ORIGINAL LOG #

(1) LAND OWNER Owner Well I.D. _____
 First Name _____ Last Name _____
 Company LITTLE PRINCE OF OREGON NURSERY
 Address 15868 NE EILERS RD
 City AURORA State OR Zip 97002

(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 63 ft.

BORE HOLE				SEAL			
Dia	From	To	Material	From	To	Amt	lbs
10	0	63	Bentonite	0	28	15	S
				Calculated 13.11			
6	63	209	Cement with 5% Benc	63	209	27	S
				Calculated 13.11			

How was seal placed: Method A B C D E
 Other POUR INTO ANNULAR
 Backfill placed from _____ ft. to _____ ft. Material _____
 Filter pack from 28 ft. to 63 ft. Material SAND Size 1C
 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
 6 1 39 200#
 6 59 63 200#
 8 1.5 5 .250
 Shoe Inside Outside Other Location of shoe(s) _____
 Temp casing Yes Dia _____ From _____ To _____

(7) PERFORATIONS/SCREENS
 Perforations Method _____
 Screens Type SLOTTED Material PVC

Perf/Screen	Casing/Liner	Dia	From	To	Scrm/slot width	Slot length	# of slots	Tele/pipe size
Screen	Casing	6	39	59	.020			PIPE

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

	Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
B	30	10		1
A	30		30	1

Temperature 56 °F Lab analysis Yes By _____
 Water quality concerns? Yes (describe below) TDS amount 251 PPM
 From To Description Amount Units

CLAC 73475
 (9) LOCATION OF WELL (legal description)
 County CLACKAMAS Twp 3 S N/S Range 1 E E/W WM
 Sec 19 SE 1/4 of the NW 1/4 Tax Lot 307
 Tax Map Number _____ Lot _____
 Lat _____ or _____ DMS or DD
 Long _____ or _____ DMS or DD
 Street address of well Nearest address
 15868 NE EILERS RD., AURORA, OR

(10) STATIC WATER LEVEL

Existing Well / Pre-Alteration	Date	SWL (psi)	+ SWL (ft)
Completed Well	10-19-2017		16

 Flowing Artesian? Dry Hole?

WATER BEARING ZONES Depth water was first found 39

SWL Date	From	To	Est Flow	SWL (psi)	+ SWL (ft)
10-19-2017	39	59	30		16

(11) WELL LOG Ground Elevation _____

Material	From	To
BROWN SANDY CLAY	0	44
WOOD WITH FINE BROWN SAND	44	47
FINE TO COARSE BROWN SAND WITH FINE GRAVEL	47	55
STICKY GRAY-GREEN CLAY	55	58
STICKY GRAY CLAY	58	71
STICKY BROWN CLAY	71	102
STICKY GRAY CLAY	102	137
FIRM DARK GRAY CLAY	137	175
STICKY BLUE-GRAY CLAY	175	209
WELL COMPLETED @ 63 FT. LOWER BORE ABANDONED	209	209

RECEIVED
 OCT 11 2022

Date Started 10-16-2017 Completed 10-19-2017

(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 OCT 25 2017

Signed _____

(bonded) Water Well Constructor Certification SALEM, OR
 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 1266 Date 10-20-2017

Signed _____
 Contact Info (optional) _____

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

CLAC 73470

OCT 23 2017

WELL I.D. LABEL# L
START CARD # 214684
ORIGINAL LOG #

(1) LAND OWNER Owner Well I.D. SALEM, OR
First Name Last Name
Company LITTLE PRINCE OF OREGON NURSERY
Address 15868 NE EILERS RD
City AURORA State OR Zip 97002

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

(2a) PRE-ALTERATION
Casing: Dia + From To Gauge Stl Plstc Wld Thrd
Material From To Amt sacks/lbs
Seal:

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

(4) PROPOSED USE Domestic Irrigation Community
 Industrial/ Commercial Livestock Dewatering
 Thermal Injection Other

(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy)
Depth of Completed Well 0 ft.

BORE HOLE SEAL
Dia From To Material From To Amt sacks/lbs

6	0	329	Cement w/5% Bentonit	0	329	47	S
						Calculated	
						Calculated	

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

(5a) ABANDONMENT USING UNHYDRATED BENTONITE
Proposed Amount 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
Perforations Method
Screens Type Material
Perf/S Casing/Screen green Liner 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 CLACKAMAS Twp 3 S N/S Range 1 E E/W WM
Sec 19 SE 1/4 of the NW 1/4 Tax Lot 307
Tax Map Number Lot
Lat " or DMS or DD
Long " or DMS or DD
 Street address of well Nearest address
15868 NE EILERS RD., AURORA, OR

(10) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Pre-Alteration
Completed Well
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

Material	From	To
BROWN CLAY	0	39
FINE TO COARSE BROWN SAND WITH FINE GRAVEL	39	44
GRAVEL		44
STICKY GRAY CLAY	44	52
SOFT BROWN SANDY CLAY	52	54
STICKY GRAY CLAY	54	96
STICKY BROWN CLAY	96	121
STICKY GRAY CLAY	121	146
FIRM GRAY CLAY	146	201
SOFT GRAY SANDY CLAY	201	211
WOOD	211	214
SOFT GRAY CLAY	214	329

Date Started 09-21-2017 Completed 09-25-2017

(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 1265 Date 10-13-2017

Signed
Contact Info (optional)

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OCT 11 2022

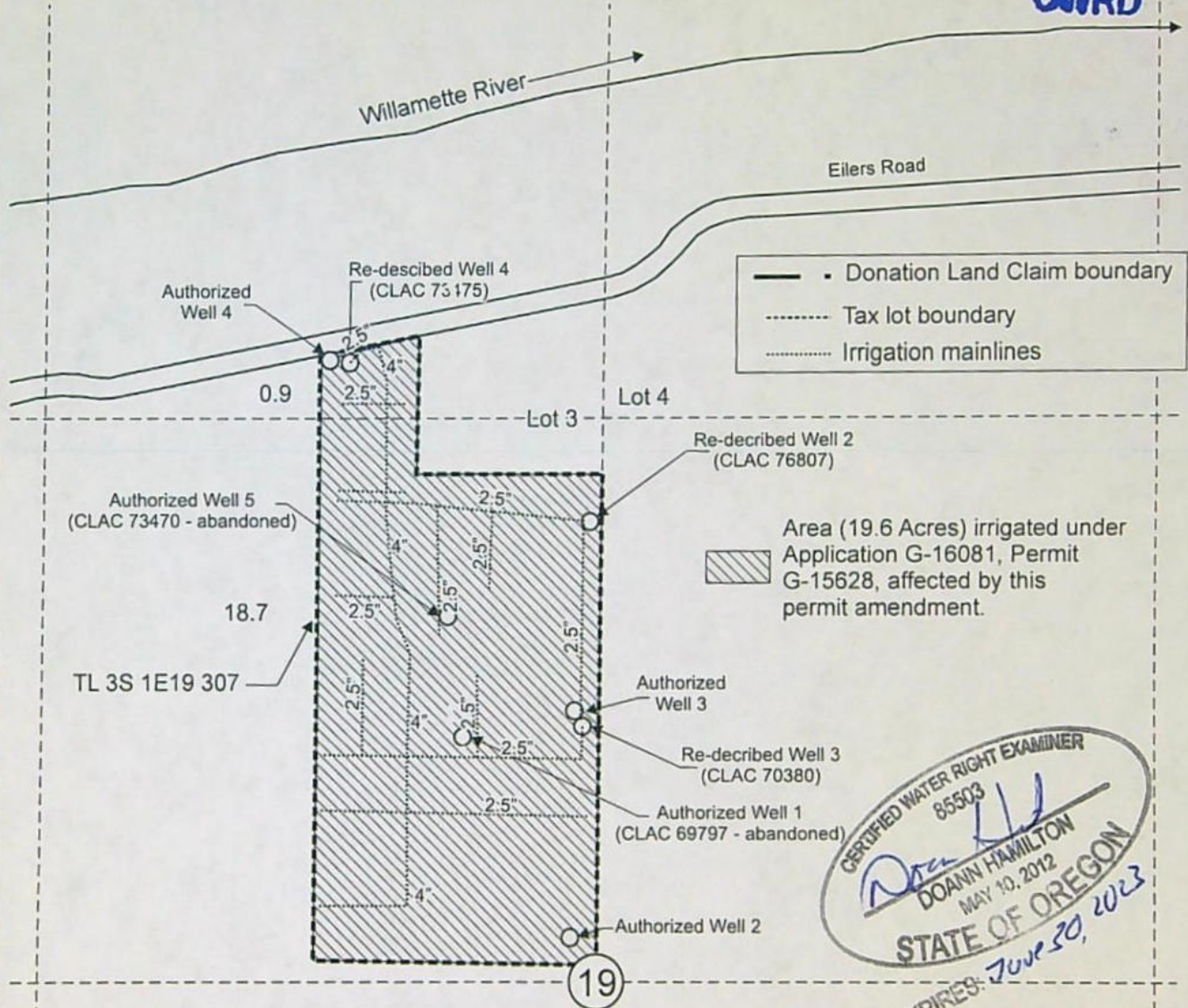
OWRD

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OCT 11 2022

T.3S. R.1E. Section 19, W.M.

OWRD



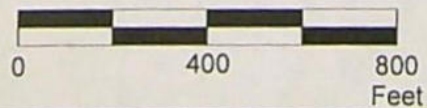
— Donation Land Claim boundary
 Tax lot boundary
 - - - - - Irrigation mainlines

 Area (19.6 Acres) irrigated under Application G-16081, Permit G-15628, affected by this permit amendment.

CERTIFIED WATER RIGHT EXAMINER
 85503
Doann Hamilton
 DOANN HAMILTON
 MAY 10, 2012
 STATE OF OREGON
 EXPIRES: June 30, 2023

- Authorized Well 1 (CLAC 69797 - abandoned) is located 600 feet north and 290 feet west from the center, Section 19.
- Authorized Well 2 is located 120 feet north and 30 feet west from the center, Section 19.
- Re-described Well 2 (CLAC 76807) is located 1,080 feet north and 15 feet west from the center, Section 19.
- Authorized Well 3 is located 655 feet north and 25 feet west from the center, Section 19.
- Re-described Well 3 (CLAC 70380) is located 600 feet north and 30 feet west from the center, Section 19.
- Authorized Well 4 is located 1,475 feet north and 605 feet west from the center, Section 19.
- Re-described Well 4 (CLAC 73475) is located 1,455 feet north and 590 feet west from the center, Section 19.
- Authorized Well 5 (CLAC 73470 - abandoned) is located 875 feet north and 335 feet west from the center, Section 19.

Scale: 1" = 400'



This map was prepared for the purpose of identifying the location of a water right only and is not intended to provide legal dimensions or location of property ownership lines.

Permit Amendment Map

Application G-16081, Permit G-17787

Keith Ketch DeKanter
T.3S. R.1E. Section 19, W.M.

Pacific Hydro-Geology Inc.

10/2022

DeKanter2ndPAMap.cdr

Permit Amendment Application Checklist

Checked by Josin

Date 10/17/22

App # G-16081

Permit # G-17787

T-14107

Permit Amendments are authorized for changes in POD/POA, APOD/APOA, or POU.

(If OK, check box to left; if not, fill in the blank)

1. Is the name of the Permit Amendment applicant the same as the Water Right Permit holder(s) of record?

If not, one of the following must be included with the application:

- ___ a) An affidavit of consent from all Permit holder(s) or the other Permit holders that have not signed the Permit Amendment application form, consenting to the proposed Permit Amendment application; **OR**,
___ b) A completed Request for Assignment form (and statutory fee) to move all (or portion) of the permit into the Permit Amendment applicant's name.

If not, what is missing? _____

2. Page 1 of application: Are all attachments that have been checked actually included?
If not, what is missing? _____

3POAs

3. Are fees included and correct? Fee Paid: 2660.00
If not, the correct fee would be: _____, so the amount missing is: _____

4. Part 4 of application: Have all the applicants listed at the top of the page signed at the bottom?
If not, whose signature is missing? _____

5. Are the Permit completion date(s) current? 2023 ✓
If the Permit completion date has expired, we **CANNOT** accept the application.

6. If all #1-#5 boxes on this checklist are checked (with no remaining deficiencies identified), accept the application. Put this check sheet in the transfer folder.

If #1, #2, #3, #4 or #5 on this checklist is deficient, the application **CANNOT** be accepted.

It should be returned and the deficiencies listed in the 'staff' section at the bottom of Application Page 1, unless the applicant or agent can resolve the deficiencies within 2-3 days.