



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

# Application for Limited Water Use License

License No.: LL-2014

## Applicant Information

NAME TA Operating LLC			PHONE (HM)	
PHONE (WK) 440-808-7406		CELL		FAX
ADDRESS 24601 Center Ridge Rd				
CITY Westlake	STATE OH	ZIP 44145	E-MAIL * KGelske@ta-petro.com	

## Agent Information

NAME Andrey Chernishov			PHONE 503-644-6418		FAX
ADDRESS 501 E First Street					CELL 503-951-0906
CITY Newberg	STATE OR	ZIP 97132	E-MAIL * achernishov@hbh-consulting.com		

I (We) make application for a Limited License to use the following described surface waters or groundwater – not otherwise exempt, or to use stored water for a use of a short-term or fixed-duration:

1. **SOURCE(S) OF WATER:** a basalt well in Senecal a tributary of Creek Basin (MARI 63260)
2. **AMOUNT OF WATER** to be diverted;  
Maximum and instantaneous rate (cubic feet or gallons per minute): 80 gpm  
Total volume annually (gallons or acre-feet): 10,000,000 gallons. If water is to be used from more than one source, give the quantity from each: \_\_\_\_\_

3. **INTENDED USE(S) OF WATER:** (check all that apply)

- ☐ Road construction or maintenance  
☐ General construction  
☐ Forestland and rangeland management; or  
☒ Other: Commercial Use: Potable water from existing well for truck-stop

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4. **IF THE INTENDED USE OF WATER IS FOR IRRIGATION, ONE OF THE FOLLOWING MUST APPLY:** (check one of the following)

- ☐ Irrigation if the sole purpose of the use is to provide water necessary to establish a crop for which no further irrigation will be required after the crop is established. ORS 537.143 (6)(a).  
☐ Irrigation if the use of water under the limited license is for the use of stored water consistent with the purposes for which the stored water is authorized and the use of water is authorized by a contract between the user and a local, state or federal government. ORS 537.143 (9).

5. **DESCRIPTION OF PROPOSED PROJECT:** Include a description of the place of use as shown on the accompanying site map, the method of water diversion, the type of equipment to be used (including pump horsepower, if applicable), length and dimensions of supply ditches and pipelines:
6. **PROJECT SCHEDULE:** (List day, month, and year)  
Date water use will begin: immediate  
Date water use will be completed: < 3 years or until permanent water right issued  
Months of the year water would be diverted and used: 12 months continuously

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  - ☐ General construction
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Months of the year water would be diverted and used: 12 months continuously

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If for other than irrigation from stored water, how and where will water be discharged after use:

---

Kelly Gelske  
Applicant Signature

Kelly Gelske, Environmental Projects Manager 7/14/2025  
Print Name and title if applicable Date

**PLEASE READ CAREFULLY**

**NOTE:** A completed water availability statement from the local watermaster, Land Use Information Form completed by the local Planning Department, fees and site map meeting the requirements of OAR 690-340-030 must accompany this request. The fee for this request is **\$280** for the first point of diversion plus **\$30** for each additional point of diversion. Please review the Department's fee schedule to view fees required to request a limited license for Aquifer Storage and Recovery testing purposes or for Artificial Groundwater Recharge testing purposes.

**Failure to provide any of the required information will result in return of your application.** The license, if granted, will not be issued or replaced by a new license for a period of more than five consecutive years. The license, if granted, will be subordinate to all other authorized uses that rely upon the same source, or water affected by the source, and may be revoked at any time it is determined the use causes injury to any other water right or minimum perennial streamflow.

If water source is well, well logs or adequate information for the Department to determine aquifer, well depth, well seal and open interval, etc. are required. The licensee shall indicate the intended aquifer. If for multiple wells, each map location shall be clearly tied to a well log.

If a limited license is approved, the licensee shall give notice to the Department (Watermaster) at least 15 days in advance of using the water under the Limited License and shall maintain a record of use. The record of use shall include, but need not be limited to, an estimate of the amount of water used, the period of use and the categories of beneficial use to which the water is applied. During the period of the Limited License, the record of use shall be available for review by the Department upon request.

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**Mapping Requirements (OAR 690-340-0030):**

- (1) A request for a limited license shall be submitted on a form provided by the Water Resources Department, and shall be accompanied by the following:
  - a. A site map of reproducible quality, drawn to a standard, even scale of not less than 2 inches = 1 mile, showing:
    - i. The locations of all proposed points of diversion referenced by coordinates or by bearing and distance to the nearest established or projected public land survey corner;
    - ii. The general course of the source for the proposed use, if applicable;
    - iii. Other topographical features such as roads, streams, railroads, etc., which may be helpful in locating the diversion points in the field.

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***This page to be completed by the local Watermaster.***

**WATER AVAILABILITY STATEMENT**

Name of Applicant: TA Operating LLC Limited License Number: LL-2014

1. To your knowledge, has the stream or basin that is the source for this application ever been regulated for prior rights?

☐ Yes

☒ No

If yes, please explain:

2. Based on your observations, would there be water available in the quantity and at the times needed to supply the use proposed by this application?

☒ Yes

☐ No

3. Do you observe this stream system during regular fieldwork?

☒ Yes

☐ No

If yes, what are your observations for the stream?

*Flow meets demand.*

4. If the source is a well and if WRD were to determine that there is the potential for substantial interference with nearby surface water sources, would there still be ground water and surface water available during the time requested and in the amount requested without injury to existing water rights?

☐ Yes

☒ No

☐ N/A

What would you recommend for conditions on a limited license that may be issued approving this application?

5. Any other recommendations you would like to make?

Signature



WM District #:

16

Date:

7/10/2025

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# Land Use Information Form



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

## NOTE TO APPLICANTS

In order for your application to be processed by the Oregon Water Resources Department (OWRD), this Land Use Information Form must be completed by a local government planning official in the jurisdiction(s) where your water right will be diverted, conveyed, used, and developed. The planning official may choose to complete the form while you wait or return the "Receipt Acknowledging Request for Land Use Information" to you. Applications received by OWRD without the Land Use Information Form, or the signed receipt, will be returned to you. **IMPORTANT:** Please note that while OWRD can accept a signed receipt as part of intake for an application for a new permit to use or store water, a completed Land Use Information Form is required for OWRD's acceptance of all other applications. Please be aware that your application cannot be approved without land use approval.

This form is **NOT** required if:

- 1) Water is to be diverted, conveyed, and used on federal lands only; **OR**
- 2) The application is for a water right transfer, allocation of conserved water, exchange, permit amendment, or ground water registration modification, and all of the following apply:
  - a. The existing and proposed water use is located entirely within lands zoned for exclusive farm-use or within an irrigation district;
  - b. The application involves a change in place of use only;
  - c. The change does not involve the placement or modification of structures, including but not limited to water diversion, impoundment, distribution facilities, water wells and well houses; and
  - d. The application involves irrigation water uses only.

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## NOTE TO LOCAL GOVERNMENTS

The person presenting the attached Land Use Information Form is applying for a new water right or modifying an existing water right. The Oregon Water Resources Department (OWRD) requires applicants to obtain land use information to ensure the water right does not result in land uses that are incompatible with your comprehensive plan. Please complete the form and return it to the applicant for inclusion in their application. **NOTE:** For new water right applications only, if you are unable to complete this form while the applicant waits, you may complete the "Receipt Acknowledging Request for Land Use Information" and return it to the applicant.

You will receive notice via OWRD's weekly Public Notice once the applicant formally submits their request to OWRD. The notice will give more information about OWRD's water right process and provide additional comment opportunities. If you previously only completed the receipt for an application for a new permit to use or store water, you will have 30 days from the Public Notice date to complete the Land Use Information Form and return it to OWRD. Your attention to this request for information is greatly appreciated. If you have questions concerning this form, please contact OWRD's Customer Service Group at 503-986-0900 or [WRD\\_DL\\_customerservice@water.oregon.gov](mailto:WRD_DL_customerservice@water.oregon.gov).

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# Land Use Information Form



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

NAME TA Operating LLC			PHONE 440-808-7406	
MAILING ADDRESS 24601 Center Ridge Rd				
CITY Westlake	STATE OH	ZIP 44145	EMAIL KGelske@ta-petro.com	

## 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:
4S	1W	9	NE 1/4 SE 1/4	1100	Industrial	<input type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input checked="" type="checkbox"/> Used	Commercial
						<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:

Marion County

**NOTE:** A separate Land Use Information Form must be completed and submitted for each county and city, as applicable.

## B. Description of Proposed Use

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

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

Source of water:    ☐ Reservoir/Pond    ☒ Ground Water    ☐ Surface Water (name) \_\_\_\_\_

Estimated quantity of water needed: 80    ☐ 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 \_\_\_\_\_

Briefly describe:

Water supply well for Travel Centers of America facility

**Note to applicant:** For new water right applications only, if the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt on the bottom of page 4 and include it with the application filed with the Oregon Water Resources Department.

See Page 4 →



## 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 use(s), including proposed construction, are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): MCC 17.150.030(A) Service Station
- ☐ Land uses to be served by the proposed water use(s), 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

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

--

Name: Gillian Peden Title: Assistant Planner

Signature: *GP* Date: 7/11/2025

Governmental Entity: Marion County Phone: 503-588-5038

### Receipt Acknowledging Request for Land Use Information

#### Note to Local Government Representative:

Please complete this form and return it to the applicant. **For new water right applications only**, if you are unable to complete this form while the applicant waits, you may complete this receipt and return it to the applicant. If you sign the receipt, you will have 30 days from the date of OWRD's Public Notice of the application to submit the completed Land Use Information Form to Oregon Water Resources Department. Please note while OWRD can accept a signed receipt as part of intake for an application for a new permit to use or store water, a completed Land Use Information Form is required for all other applications.

Applicant Name: \_\_\_\_\_

Staff Name: \_\_\_\_\_ Title: \_\_\_\_\_

Staff Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Governmental Entity: \_\_\_\_\_ Phone: \_\_\_\_\_

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# APPENDICES

1. Legal Description
2. Well Log
3. Map (Larger than 11 x 17")

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TA Operating LLC, 24601 Center Ridge Road, Suite 200,  
Westlake, Ohio 44145

Grantor's Name and Address  
HPT TA Properties Trust, 400 Centre Street, Newton, MA 02458

Once recorded, please return to:

After  
Official  
One  
Stewart Title Guaranty  
200 S. College Street #1640  
Charlotte, NC 28202

SPACE RESERVED  
FOR  
RECORDER'S USE

Until requested otherwise, send all tax statements to (Name, Address, Zip):  
HPT TA Properties Trust, 400 Centre Street, Newton, MA 02458

STATE OF OREGON,  
County of

I certify that the within instrument was  
received for recording on \_\_\_\_\_  
at \_\_\_\_\_ o'clock \_\_\_\_\_ M., and recorded in  
book/reel/volume No. \_\_\_\_\_ on page \_\_\_\_\_  
and/or as fee/file/instrument/microfilm/reception  
No. \_\_\_\_\_, Records of this County.

Witness my hand and seal of County affixed.

By \_\_\_\_\_ NAME \_\_\_\_\_ TITLE \_\_\_\_\_, Deputy.

**SPECIAL WARRANTY DEED**  
**(Corporate Grantor)**

[Revised, OR (3-1993)]  
Portland

TA Operating LLC, a limited liability company duly organized and existing under the laws of the State of  
Delaware, Grantor, conveys and warrants to

HPT TA Properties Trust, a Maryland real estate investment trust Grantee the following described real property  
free of encumbrances, except as specifically set forth therein, situated in Marion County, State of Oregon, to-wit:

See legal description attached hereto as Exhibit A.

(IF SPACE INSUFFICIENT, CONTINUE DESCRIPTION ON REVERSE SIDE)

Grantor hereby covenants with said Grantee that the grantor is lawfully seized of said land in fee simple; that  
Grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the  
title to said land and will defend the same against the lawful claims of all persons claiming by, through or under  
Grantor.

The true and actual consideration paid for this transfer, stated in terms of dollars, is \$ 10.00  
(Here, comply with the requirements of ORS 93.030.) \_\_\_\_\_

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Done by order of the grantor's board of directors with its corporate seal, if any affixed on January 31, 2007.

TA Operating LLC

By: [Signature]

Name:

John R. Hoadley

Its:

Executive Vice President and Treasurer

COMMONWEALTH OF MASSACHUSETTS, County of Suffolk ) ss.

<sup>instrument was</sup>

This instrument was acknowledged before me on January   , 2007

by John R. Hoadley

Executive Vice President and Treasurer

as

of TA Operating LLC, a Delaware limited liability company

John R. Hoadley  
Executive Vice  
President and  
Treasurer

[Signature]  
Notary Public for Massachusetts

My commission expires                     

THIS INSTRUMENT WILL NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES AND TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES AS DEFINED IN ORS 30.930



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**Exhibit A**

**Legal Description**

[See copy attached.]

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3.056 Portland, OR  
21856 Vents Road, NE  
Aurora, OR 97002  
(TCA Site No. 56 - Portland)

**Exhibit "A "**

A parcel of land located in the Amable Arquait Donation Land Claim No. 45 in the Southeast one-quarter of Section 9, Township 4 South, Range 1 West of the Willamette Meridian, Marlon County, Oregon and more particularly described as follows:

Beginning at an Iron rod on the Easterly right-of-way line of County Road No. 425, said point being South 08°07'00" East along the centerline of said County Road a distance of 1,666.58 feet (the deed calls this 1,667.50 feet) and North 73°21'00" East a distance of 30.34 feet from the Southeast corner of the David Crawford Donation Land Claim No. 41; thence continuing North 73°21'00" East a distance of 629.64 feet (the deed calls this 630.05 feet); thence North 30°08'00" East a distance of 721.88 feet (the deed calls this 722.11 feet) to a point on the Southerly line of that parcel of land conveyed to Louis N. Racette et al, and recorded in Volume 269, page 508, Marlon County Deed Records; thence North 73°21'00" East along the Southerly line of said Racette property a distance of 479.69 feet (the deed calls this 479.64 feet) to a point on the Westerly right-of-way line of Pacific Highway (Interstate No. 5); thence South 30°08'00" West along said Westerly right-of-way line a distance of 1897.70 feet (the deed calls this 1898.17 feet); thence South 42°36'38" West, (the deed calls this South 42°36' West) along said Westerly right-of-way line a distance of 189.54 feet (the deed calls this 189.59 feet); thence South 46°20'55" West (the deed calls this South 46°19'00" West) along said Westerly right-of-way line a distance of 161.22 feet (the deed calls this 161.43 feet); thence North 59°54'00" West along said right-of-way line a distance of 104.21 feet (the deed calls this 104.28 feet); thence continuing along said right-of-way line Northwesterly along a 246.48 foot radius curve to the right, through a central angle of 00°40'02" an arc distance of 2.87 feet (the long chord of said curve bears North 08°29'44" West (the deed calls this North 08°28' West a distance of 2.87 feet); thence South 81°53'00" West along said right-of-way line a distance of 3.65 feet; thence North 59°54'00" West along said right-of-way line a distance of 7.17 feet to a point on the Easterly right-of-way line of County Road No. 425; thence North 08°07'00" West along said Easterly right-of-way line a distance of 900.66 feet (the deed calls this 900.92 feet) to the point of beginning.

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**REEL:2777**

**PAGE: 199**

**February 23, 2007, 03:26 pm.**

CONTROL #: 189449

State of Oregon  
County of Marion

I hereby certify that the attached  
instrument was received and duly  
recorded by me in Marion County  
records:

FEE: \$ 41.00

BILL BURGESS  
COUNTY CLERK

THIS IS NOT AN INVOICE.

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MARI 63260

MAILED  
RECEIVED

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QWRD

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

SEP 24 2010

WATER RESOURCES DEPT  
SALEM, OREGON

WELL LABEL # L 102925

START CARD # 205285

## (1) LAND OWNER

Owner Well I.D. \_\_\_\_\_

First Name \_\_\_\_\_

Last Name \_\_\_\_\_

Company TA OPERATING LLC

Address 24601 CENTER RIDGE RD

City WESTLAKE

State OH

Zip 97493

## (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 221 ft.

BORE HOLE			SEAL			sacks/	
Dia	From	To	Material	From	To	Amt	lbs
14	0	20	Bentonite	0	5	6	S
12	20	70	Cement	5	70	40	S
10	70	170	Cement	70	170	28	S
6	170	221					

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 \_\_\_\_\_

## (6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
<input checked="" type="checkbox"/>	<input type="checkbox"/>	6	<input checked="" type="checkbox"/>	1	170	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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"/>	<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	Dia	From	To	Scr/slot	Slot	# of	Tele/
creen	Liner					width	length	slots	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)
125		220	3

Temperature 53 °F Lab analysis ☐ Yes By \_\_\_\_\_Water quality concerns? ☐ Yes (describe below)

From	To	Description	Amount	Units

## (9) LOCATION OF WELL (legal description)

County MARION Twp 4 S N/S Range 1 W E/W WM

Sec 9 1/4 of the 1/4 Tax Lot 1100

Tax Map Number \_\_\_\_\_

Lot \_\_\_\_\_

Lat \_\_\_\_\_ " or 45.23666667 DMS or DD

Long \_\_\_\_\_ " or 122.80694444 DMS or DD

☐ Street address of well ☐ Nearest address

21856 BENTS RD NE AURORA, OR

## (10) STATIC WATER LEVEL

Date \_\_\_\_\_ SWL(psi) + SWL(ft)

Existing Well / Predeepening		
Completed Well	09-01-2010	88

Flowing Artesian? ☐ Dry Hole? ☐

## WATER BEARING ZONES

Depth water was first found 28

SWL Date	From	To	Est Flow	SWL (psi)	+ SWL (ft)
08-18-2010	28	28	5		15
08-23-2010	72	150	30		70
09-01-2010	170	221	125		88

## (11) WELL LOG

Ground Elevation \_\_\_\_\_

Material	From	To
Black top over crushed rock	0	1
Silty brown clay with trace of sand	1	28
Firm gray-blue clay	28	36
Blue-gray sticky and gritty clay	36	54
Tan clay	54	56
Brown clay	56	72
Brown sand with brown binder	72	85
Red very fine sand and gravel	85	96
Brown very sandy soft clay w/fine sandy seams	96	126
Fine brown sand with some gravels	126	144
Broken basalt dark w/brown dark sandy gravel	144	150
Hard dark gray basalt	150	170
Semi-fractured gray basalt	170	176
Porous semi-broken gray basalt	176	185
Weathered brown basalt	185	188
Semi-fractured gray basalt	188	190
Hard dark gray basalt with some fractured seams	190	221

Date Started 08-17-2010

Completed 09-02-2010

## (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 1629

Date 09-07-2010

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 1273

Date 09-07-2010

Password: (if filing electronically)

Signed \_\_\_\_\_

Contact Info (optional)

ORIGINAL - WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK

Form Version: 0.95

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