

Application for a Permit to Use Ground Water



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

Water-Use Permit Application Processing

1. Completeness Determination

The Department evaluates whether the application and accompanying map contain all of the information required under OAR 690-310-0040 and OAR 690-310-0050 (www.oregon.gov/owrd/law). The Department also determines whether the proposed use is prohibited by statute. If the Department determines that the application is incomplete, all fees have not been paid, or the use is prohibited by statute, the application and all fees submitted are returned to the applicant.

2. Initial Review

The Department reviews the application to determine whether water is available during the period requested, whether the proposed use is restricted or limited by rule or statute, and whether other issues may preclude approval of or restrict the proposed use. An Initial Review (IR) containing preliminary determinations is mailed to the applicant. The applicant has 14 days from the mailing date to withdraw the application from further processing and receive a refund of all fees paid minus \$200. The applicant may put the application on hold for up to 180 days and may request additional time if necessary.

3. Public Notice

Within 7 days of the mailing of the initial review, the Department gives public notice of the application in the weekly notice published by the Department at www.oregon.gov/owrd. The public comment period is 30 days from publication in the weekly notice.

4. Proposed Final Order Issued

The Department reviews any comments received, including comments from other state agencies related to the protection of sensitive, threatened or endangered fish species. Within 60 days of completion of the IR, the Department issues a Proposed Final Order (PFO) explaining the proposed decision to deny or approve the application. A PFO proposing approval of an application will include a draft permit, and may request additional information or outstanding fees required prior to permit issuance.

5. Public Notice

Within 7 days of issuing the PFO, the Department gives public notice in the weekly notice. Notice includes information about the application and the PFO. Protest must be received by the Department within 45 days after publication of the PFO in the weekly notice. Anyone may file a protest. The protest filing fee is \$350.00 for the applicant and \$700.00 for non-applicants. Protests are filed on approximately 10% of Proposed Final Orders. If a protest is filed, the Department will attempt to settle the protest but will schedule a contested case hearing if necessary.

6. Final Order Issued

If no protests are filed, the Department issues a Final Order consistent with the PFO. If the application is approved, a permit is issued that specifies the details of the authorized use and any terms, limitations or conditions that the Department deems appropriate.

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Minimum Requirements Checklist

Minimum Requirements (OAR 690-310-0040, OAR 690-310-0050 & ORS 537.615)

Include this checklist with the application

Check that each of the following items is included. The application will be returned if all required items are not included. If you have questions, please call the Water Rights Customer Service Group at (503) 986-0900.

- SECTION 1: applicant information and signature
- SECTION 2: property ownership
- SECTION 3: well development
- SECTION 4: water use
- SECTION 5: water management
- SECTION 6: storage of groundwater in a reservoir
- SECTION 7: use of stored groundwater from the reservoir
- SECTION 8: project schedule
- SECTION 9: within a district
- SECTION 10: remarks

Attachments:

- Land Use Information Form with approval and signature (*must be an original*) or signed receipt
- Provide the legal description of: (1) the property from which the water is to be diverted, (2) any property crossed by the proposed ditch, canal or other work, and (3) any property on which the water is to be used as depicted on the map. Example: A copy of the deed, land sales contract or title insurance policy.
- Fees - Amount enclosed: \$2,050
See the Department's Fee Schedule at www.oregon.gov/owrd or call (503) 986-0900.

Provide a map and check that each of the following items is included:

- Permanent quality and drawn in ink
- Even map scale not less than 4" = 1 mile (example: 1" = 400 ft, 1" = 1320 ft, etc.)
- North Directional Symbol
- Township, Range, Section, Quarter/Quarter, Tax Lots
- Reference corner on map
- Location of each well, and/or dam if applicable, by reference to a recognized public land survey corner (distances north/south and east/west). Each well must be identified by a unique name and/or number.
- Indicate the area of use by Quarter/Quarter and tax lot clearly identified
- Number of acres per Quarter/Quarter and hatching to indicate area of use if for primary irrigation, supplemental irrigation, or nursery
- Location of main canals, ditches, pipelines or flumes (if well is outside of the area of use)
- Other None

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SECTION 1: APPLICANT INFORMATION AND SIGNATURE

Applicant Information

NAME Craig and Cheryl Collins		PHONE (HM) 503-781-3374	
PHONE (WK)	CELL		FAX
ADDRESS 22025 South Central Point Rd.			
CITY OREGON CITY	STATE OR	ZIP 97045	E-MAIL collinsagr@msn.com

Organization Information

NAME NA		PHONE	FAX
ADDRESS			CELL
CITY	STATE	ZIP	E-MAIL*

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 (503) 632-5016	FAX (503) 632-5983
ADDRESS 18487 S. VALLEY VISTA ROAD			CELL (503) 349-6946
CITY MULINO	STATE OR	ZIP 97042	E-MAIL* PHGDMH@GMAIL.COM

Note: Attach multiple copies as needed

* By providing an e-mail address, consent is given to receive all correspondence from the department electronically. (paper copies of the final order documents will also be mailed.)

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By my signature below I confirm that I understand:

- I am asking to use water specifically as described in this application.
- Evaluation of this application will be based on information provided in the application.
- I cannot use water legally until the Water Resources Department issues a permit.
- Oregon law requires that a permit be issued before beginning construction of any proposed well, unless the use is exempt. Acceptance of this application does not guarantee a permit will be issued.
- If I get a permit, I must not waste water.
- If development of the water use is not according to the terms of the permit, the permit can be cancelled.
- The water use must be compatible with local comprehensive land-use plans.
- Even if the Department issues a permit, I may have to stop using water to allow senior water-right holders to get water to which they are entitled.



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

	<u>CRAIG COLLINS</u>	<u>12-14-15</u>
Applicant Signature	Print Name (and Title if applicable)	Date
	<u>Cheryl B Collins</u>	<u>12/14/15</u>
Applicant Signature	Print Name (and Title if applicable)	Date

For Department Use		
App. No. <u>G-10105</u>	Permit No. _____	Date _____

SECTION 2: PROPERTY OWNERSHIP

Please indicate if you own all the lands associated with the project from which the water is to be diverted, conveyed, and used.

- Yes
 - There are no encumbrances.
 - This land is encumbered by easements, rights of way, roads or other encumbrances.
- No
 - I have a recorded easement or written authorization permitting access.
 - I do not currently have written authorization or easement permitting access.
 - Written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigation and/or domestic use only (ORS 274.040).
 - Water is to be diverted, conveyed, and/or used only on federal lands.

List the names and mailing addresses of all affected landowners *(attach additional sheets if necessary)*

NA

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You must provide the legal description of: 1. The property from which the water is to be diverted, 2. Any property crossed by the proposed ditch, canal or other work, and 3. Any property on which the water is to be used as depicted on the map.

SECTION 3: WELL DEVELOPMENT

WELL NO.	NAME OF NEAREST SURFACE WATER	IF LESS THAN 1 MILE:	
		DISTANCE TO NEAREST SURFACE WATER	ELEVATION CHANGE BETWEEN NEAREST SURFACE WATER AND WELL HEAD
Well 1	Parrott Creek	Approx. 2,450 feet	Approx. 20 feet
Well 2	Parrott Creek	Approx. 2,100 feet	Approx. 10 feet
Well 3	Parrott Creek	Approx. 1,450 feet	Approx. 20 feet

Please provide any information for your existing or proposed well(s) that you believe may be helpful in evaluating your application. For existing wells, describe any previous alteration(s) or repair(s) not documented in the attached well log or other materials *(attach additional sheets if necessary)*.

The well specifications given in the table below are estimates only. The actual well construction will be based on conditions encountered in the field. The objective will be to construct a well which develops water from the alluvial aquifer.

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SECTION 3: WELL DEVELOPMENT, CONTINUED

Total maximum rate requested: 0.375 cfs (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

The table below must be completed for each source to be evaluated or the application will be returned. If this is an existing well, the information may be found on the applicable well log. (If a well log is available, please submit it in addition to completing the table.) If this is a proposed well, or well-modification, consider consulting with a licensed well driller, geologist, or certified water right examiner to obtain the necessary information.

OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	PROPOSED USE			
										SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL-SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
Well 1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NA	<input type="checkbox"/>	8 inch	0 to 130	TBD	0 to 100 feet	NA	Alluvium	200 feet	170 gpm	75 AF
Well 2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CLAC 51243, 53399	<input type="checkbox"/>	6 inch	0 to 197 feet	None	0 to 20 and 188 to 197 feet	58.5 (March 12, 2014)	Alluvium	270 feet		
Well 3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CLAC 69332	<input type="checkbox"/>	6 inch and 8 inch	0 to 138.37, 148.75 to 181.56 and 186.89 to 205 feet	138.37 to 148.75 and 181.56 to 186.89 feet	0 to 37 feet	58 (March 12, 2014)	Alluvium	205 feet		
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>						Total:			
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>									

* Licensed drillers are required to attach a Department-supplied Well Tag, with a unique Well ID or Well Tag Number to all new or newly altered wells. Landowners can request a Well ID for existing wells that do not have one. The Well ID is intended to serve as a unique identification number for each well.

** A well log ID (e.g. MARI 1234) is assigned by the Department to each log in the agency's well log database. A separate well log is required for each subsequent alteration of the well.

*** Source aquifer examples: Troutdale Formation, gravel and sand, alluvium, basalt, bedrock, etc.

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SECTION 4: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
Irrigation	March 1 through October 31	75 AF

Exempt Uses: Please note that 15,000 gallons per day for single or group **domestic** purposes and 5,000 gallons per day for a single **industrial or commercial** purpose are exempt from permitting requirements.

For irrigation use only:
 Please indicate the number of primary and supplemental acres to be irrigated (*must match map*).
 Primary: 30.0 Acres Supplemental: Acres
 List the Permit or Certificate number of the underlying primary water right(s): NA
 Indicate the maximum total number of acre-feet you expect to use in an irrigation season: 75 AF

- If the use is **municipal or quasi-municipal**, attach **Form M**
- If the use is **domestic**, indicate the number of households:

If the use is **mining**, describe what is being mined and the method(s) of extraction: _____

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SECTION 5: WATER MANAGEMENT

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A. Diversion and Conveyance

What equipment will you use to pump water from your well(s)?

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Pump (give horsepower and type): Well 1: 10 Hp; Well 2: 0.5 Hp; and Well 3: 40 Hp. All Submersible

Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. Water will be conveyed from the wells through 4- and 3-inch buried PVC to the place of use or to fill a maximum 10 AF pond as a bulge in the system.

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler) Irrigation of the row crops will be done with either high pressure sprinklers, drip and/or pivot systems using the best management practices to prevent waste. A flow meter will be used to measure the amount of water used..

C. Conservation

Please describe why the amount of water requested is needed and measures you propose to: prevent waste; measure the amount of water diverted; prevent damage to aquatic life and riparian habitat; prevent the discharge of contaminated water to a surface stream; prevent adverse impact to public uses of affected surface waters.

Night irrigation, drip and moisture probes

Gr-1085

SECTION 6: STORAGE OF GROUND WATER IN A RESERVOIR

If you would like to store ground water in a reservoir, complete this section (*if more than one reservoir, reproduce this section for each reservoir*).

Reservoir name: NA Acreage inundated by reservoir: NA

Use(s): NA

Volume of Reservoir (acre-feet): NA Dam height (feet, if excavated, write "zero"): NA

Note: If the dam height is greater than or equal to 10.0' above land surface AND the reservoir will store 9.2 acre feet or more, engineered plans and specifications must be approved prior to storage of water.

SECTION 7: USE OF STORED GROUND WATER FROM THE RESERVOIR

If you would like to use stored ground water from the reservoir, complete this section (*if more than one reservoir, reproduce this section for each reservoir*).

Annual volume (acre-feet): _____

USE OF STORED GROUND WATER	PERIOD OF USE
NA	

SECTION 8: PROJECT SCHEDULE

Date construction will begin: One year after permit is signed

Date construction will be completed: Five years after permit is signed

Date beneficial water use will begin: Five years after permit is signed

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SECTION 9: WITHIN A DISTRICT

Check here if the point of diversion or place of use are located within or served by an irrigation or other water district.

Irrigation District Name	Address	
City	State	Zip

SECTION 10: REMARKS

Use this space to clarify any information you have provided in the application (*attach additional sheets if necessary*).

There is a current Permit G-16875 covering a portion of the POU proposed in this application. A portion of Permit G-16875 is supplemental to Certificate 50567. The primary right has not been used in over 5 years so the supplemental cannot be proven up. We will be cancelling Permit G-16875 once this new groundwater application has been approved.

Land Use Information Form



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

Applicant: Craig and Cheryl
First

Collins
Last

Mailing Address: 22025 South Central Point Road

Oregon City

OR State

97045 Zip

Daytime Phone: (503) 781-3374

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:
3S	1E	25		503	EFU	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Irrigation
						<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	<div style="font-size: 2em; font-weight: bold; margin: 0;">RECEIVED</div> <div style="font-size: 1.2em; margin: 5px 0;">DEC 30 2015</div>
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B. Description of Proposed Use

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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: 0.375
 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:

New groundwater permit application to irrigate row crops.

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): SECTION 401 - TABLE 401-1
- 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.

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Name: GARY HEWITT Title: SR. PLANNER

Signature: *Gary Hewitt* Phone: 503-742-4519 Date: 12.15.15

Government Entity: CLATSOP 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: _____

City or County: _____ Staff contact: _____

Signature: _____ Phone: _____ Date: _____

File No. 13004712

Clackamas County Official Records **2013-029692**
Sherry Hall, County Clerk
04/30/2013 02:51:35 PM
D-D Cnt=1 Str=6 KARLYNWUN
\$10.00 \$16.00 \$10.00 \$17.00 **\$53.00**

Grantor
Jerome Lasselle 5120 SW Borland Road Tualatin, OR 97062
Grantee
Craig Kenneth Collins Cheryl B. Collins 22025 S Central Point Road Oregon City, OR 97045
After recording return to
Craig Kenneth Collins Cheryl B. Collins 22025 S Central Point Road Oregon City, OR 97045
Until requested, all tax statements shall be sent to
Craig Kenneth Collins Cheryl B. Collins 22025 S Central Point Road Oregon City, OR 97045 Tax Acct No(s): 01447820

Reserved for Recorder's Use

STATUTORY WARRANTY DEED

Jerome Lasselle,
Grantor(s) convey and warrant to
Craig Kenneth Collins and Cheryl B. Collins,
Grantee(s), the following described real property free of encumbrances except as specifically set forth herein:

Parcel 2, Partition Plat No. 1992-54, in the County of Clackamas and State of Oregon.

This property is free of encumbrances, EXCEPT: Covenants, Conditions, Restrictions and Easements of record as of the date of this Deed, if any, including any real property taxes due, but not yet payable.

The true consideration for this conveyance is **\$500,000.00** (Here comply with requirements of ORS 93.030.)

BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON TRANSFERRING FEE TITLE SHOULD INQUIRE ABOUT THE PERSON'S RIGHTS, IF ANY, UNDER ORS 195.300, 195.301 AND 195.305 TO 195.336 AND SECTIONS 5 TO 11, CHAPTER 424, OREGON LAWS 2007, SECTIONS 2 TO 9 AND 17, CHAPTER 855, OREGON LAWS 2009, AND SECTIONS 2 TO 7, CHAPTER 8, OREGON LAWS 2010. THIS INSTRUMENT DOES 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 THAT THE UNIT OF LAND BEING TRANSFERRED IS A LAWFULLY ESTABLISHED LOT OR PARCEL, AS DEFINED IN ORS 92.010 OR 215.010, TO VERIFY THE APPROVED USES OF THE LOT OR PARCEL, TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES, AS DEFINED IN ORS 30.930, AND TO INQUIRE ABOUT THE RIGHTS OF NEIGHBORING PROPERTY OWNERS, IF ANY, UNDER ORS 195.300, 195.301 AND 195.305 TO 195.336 AND SECTIONS 5 TO 11, CHAPTER 424, OREGON LAWS 2007, SECTIONS 2 TO 9 AND 17, CHAPTER 855, OREGON LAWS 2009 AND SECTIONS 2 TO 7, CHAPTER 8, OREGON LAWS 2010.

WFG Title 13004712JR 10

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OR Deed-Statutory Warranty

G-18105

Executed this _____ day of April, 2013.

Jerome Lasselle
Jerome Lasselle

State of Oregon, County of Clackamas) ss.

This instrument was acknowledged before me on this 30 day of April, 2013 by Jerome Lasselle.

Tracy J Winborne
Notary Public for Oregon
My commission expires: 3-20-14



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G-10105

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

DEC 20 1996

(START CARD) # 79405

clac
51243

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

(1) OWNER:

Name HLH Farms Inc.
Address 5120 SW Barband Rd.
City Tualatin State Or. Zip 97062

Well Number 700² 109300 LOCATION OF WELL by legal description:

County Clackamas Latitude _____ Longitude _____
Township 3S N or S Range 1E E or W. WM.
Section 25 SE 1/4 SW 1/4
Tax Lot 00503 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 220175 Central Point Rd.

(2) TYPE OF WORK

New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:

Rotary Air Rotary Mud Cable Auger
 Other _____

(4) PROPOSED USE:

Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other _____

(5) BORE HOLE CONSTRUCTION:

Special Construction approval Yes No Depth of Completed Well 120 ft.

Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
10"	0	20	Bentonite	0	20	12 sacks
6"	20	140				

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

Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 6"	+1	23'	280	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner: 4"	5'	112		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method Sawed
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
50	120	1/8"	190	4"	18"	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Time
30	60	81	2hr.

Temperature of water 54 Depth Artesian Flow Found _____

Was a water analysis done? Yes By whom _____

Did any strata contain water not suitable for intended use? Too little

Salty Muddy Odor Colored Other _____

Depth of strata: _____

(10) STATIC WATER LEVEL:

21 ft. below land surface. Date 11-21-96
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 98'

From	To	Estimated Flow Rate	SWL
98	129	30 GPM.	21

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
Soil Brown	0	2	
Clay Brown	2	28	
Sandy Clay Brown	28	49	
Sandy Clay Grey	49	61	
Clay Grey	61	79	
Clay Brown	79	98	
Sand Brown Sand Clay Brown	98	129	21
Clay Blue	129	140	

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Date started 10-27-96 Completed 11-21-96

(unbonded) Water Well Constructor Certification:

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

WWC Number _____
Signed _____ Date _____

(bonded) Water Well Constructor Certification:

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

WWC Number 1586
Signed Tom St Date 12-4-96

GIBBS

JUN 18 1998

STATE OF OREGON WATER RESOURCES DEPT. WATER SUPPLY WELL REPORT SALEM, OREGON (as required by ORS 537.765)

CIAC 53399 (START CARD) # 79418

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

(1) OWNER: Well Number 109300 Name HLH Farms Inc. Address 5120 SW Bonhard Rd. City Tualatin State Or Zip 97062

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

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

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

(5) BORE HOLE CONSTRUCTION: Special Construction approval [] Yes [X] No Depth of Completed Well 270 ft. Explosives used [] Yes [X] No Type Amount

Table with columns for HOLE (Diameter, From, To, Material) and SEAL (From, To, Sacks or pounds). Includes entries for 6 inch and 8 inch diameters with cement seal.

How was seal placed: Method [] A [] B [] C [] D [] E [X] Other Triemic Pipe. Backfill placed from ft. to ft. Material Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER: Table with columns for Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Includes casing entry for 6 inch diameter.

Final location of shoe(s) 197'

(7) PERFORATIONS/SCREENS: Table with columns for From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner. Includes perforation entry.

(8) WELL TESTS: Minimum testing time is 1 hour. [] Pump [X] Bailer [] Air [] Flowing Artesian. Yield gal/min 35 Drawdown 40' Drill stem at Time 2 hr.

Temperature of water 54 Depth Artesian Flow Found Was a water analysis done? [] Yes By whom Did any strata contain water not suitable for intended use? [] Too little [] Salty [X] Muddy [] Odor [] Colored [] Other Depth of strata: 98-129'

(9) LOCATION OF WELL by legal description: County Clackamas Latitude Longitude Township 35 N or S Range 1E or W. WM. Section 25 SE 1/4 SW 1/4 Tax Lot 00503 Lot Block Subdivision Street Address of Well (or nearest address) 22017 S. Central Point Rd.

(10) STATIC WATER LEVEL: 46 ft. below land surface. Date 5-10-98 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Depth at which water was first found 258

Table with columns for From, To, Estimated Flow Rate, SWL. Includes entry for 258 to 268 ft depth with 35 GPM flow rate.

(12) WELL LOG: Ground Elevation

Table with columns for Material, From, To, SWL. Lists materials like Clay Blue, Clay Grey, Sand Grey with wood, etc.

RECEIVED

DEC 9 2015

WATER RESOURCES DEPT SALEM, OREGON

Date started 4-12-98 Completed 5-11-98

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

WWC Number Signed Date

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

WWC Number 1586 Signed Tom Stutz Date 5-9-98

G-10185

CLAC 69332

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

WELL LABEL # L 105640

START CARD # 208961

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

First Name Jerry Last Name Lasselle
 Company HLH Farms INC
 Address 5120 SW Borland Rd.
 City Tualatin State OR Zip 97062

(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 Dew stering
 Thermal Injection Other _____

(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy)
 Depth of Completed Well 205 ft.

BORE HOLE			SEAL			sacks/ lbs	
Dia	From	To	Material	From	To	Amt	lbs
12	0	37	Dentonite	0	37	35	S
8	37	250					

How was seal placed: Method A B C D E
 Other OAR 690-210-0340
 Backfill placed from 205 ft. to 250 ft. Material cement
 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 checked="" type="checkbox"/>	8		2	137.83	.250	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	6		116.66	138.37	.250	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	6		148.75	181.56	.250	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	6		186.89	205	.250	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Shoe Inside Outside Other Location of shoe(s) 137.83
 Temp casing Yes Dia _____ From _____ To _____

(7) PERFORATIONS/SCREENS

Perforations Method _____ Screens Type v-wire Material stainless

Perf/ Screen	Casing/ Liner	Screen Dia	From	To	Scrns/slot width	Slot length	# of slots	Tele/ pipe size
Screen		6	138.37	148.75	.085			6
Screen		6	181.56	186.89	.085			6

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

Pump Bailor Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
38	55		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 CLACKAM Twp 3 S N/S Range 1 E E/W WM
 Sec 25 NE 1/4 of the NW 1/4 Tax Lot 00503
 Tax Map Number _____ Lot _____
 Lat _____ " or _____ DMS or DD
 Long _____ " or _____ DMS or DD
 • Street address of well _____ Nearest address _____
22025 S. Central Point Rd. Oregon City, OR 97045

(10) STATIC WATER LEVEL Date 11-12-2012 SWL(psi) _____ + SWL(ft) _____

Existing Well / Prodeeponing	Date	SWL(psi)	+ SWL(ft)
Completed Well	11-12-2012		68

Flowing Artesian? Dry Hole?

WATER BEARING ZONES Depth water was first found 128

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)
09-26-2012	128	131	2		68
09-27-2012	140	150	4		68
09-28-2012	183	187	7		68

(11) WELL LOG Ground Elevation _____

Material	From	To
Clay brown, hard	0	2
Clay brown	2	8
Clay light gray, sticky	8	24
Clay light gray & brown, sticky	24	29
Clay brown, sandy	29	31
Clay brown & gray, sticky	31	36
Clay light gray, sticky	36	54
Clay dark gray	54	67
Clay brown & red	67	72
Clay dark gray	72	86
Clay brown, sandy	86	99
Clay dark gray, sticky	99	102
Clay dark gray w/blue sand streaks	102	104
Clay dark gray & blue	104	119
Clay gray, soft	119	128
Sand black & clay gray	128	131
Clay blue, hard	131	140
Clay gray & blue, hard w/seams of brown&blue sand	140	150
Clay blue, soft	150	152

Date Started 09-19-2012 Completed 11-12-2012

(unbonded) Water Well Constructor Certification
 I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
 License Number 1704 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 783 Date _____
 Password: (if filing electronically) _____
 Signed Jason Wilson
 Contact Info (optional) Groffen Well Drilling (503)982-1000



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

Form Version: 0.88

DEC 30 2015

SALEM, OR

WATER RESOURCES DEPT
 SALEM, OREGON

G-12105

