



June 4, 2019

Alyssa Mucken
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301

Re: Application for a Permit to Appropriate Groundwater – Jack Hempicine, LLC

Dear Ms. Mucken:

Please find enclosed a permit application to appropriate groundwater for irrigation and nursery (irrigation and agricultural) use on 8.9 acres and 1.5 acres respectively. This application is filed on behalf of Jack Hempicine, LLC. The Applicant is requesting to appropriate groundwater at a rate of up to 10.5 gallons per minute (0.023 cfs) and a total annual volume of up to 28.25 acre-feet. Enclosed is the required fee of \$2,560, which was calculated as follows:

\$1,340 - Base Fee
\$ 350 - Rate Fee of \$350 for a rate of less than 1 cfs
\$ 350 – Fee for 2 proposed Uses for appropriated water
\$ 520 – Permit Recording Fee

Total = \$2,560

Please contact me if you have any questions. My number is 541-257-9004.

Sincerely,

A handwritten signature in blue ink that reads "Kimberly Grigsby".

Kimberly Grigsby
Principal Water Resources Consultant

Enclosures: Groundwater Application
Check for application fee

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WATER RESOURCES
DEPARTMENT

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Date Received (Date Stamp Here)

OWRD Over-the-Counter Submission Receipt

Applicant Name(s) & Address: Jack Hempine

7744 NW Mint Ave Albany, OR 97321

Transaction Type: GW APP

Fees Received: \$ 2560⁰⁰

Cash

Check:

Check No. 2149

Name(s) on Check: Jack Hempine LLC

Address on Check: 7744^{NW} Mint Ave
Albany, OR 97321

Thank you for your submission. Oregon Water Resources Department (Department) staff will review your submittal as soon as possible.

If your submission is determined to be complete, you will receive a receipt for the fees paid and an acknowledgement letter stating your submittal is complete.

If determined to be incomplete, your submission and the accompanying fees will be returned with an explanation of deficiencies that must be addressed in order for the submittal to be accepted.

If you have any questions, please feel free to contact the Department's Customer Service staff at 503-986-0801 or 503-986-0810.

Sincerely,

OWRD Customer Service Staff

Submission received by: [Signature]

(Name of OWRD staff)

Instructions for OWRD staff:

- Complete this Submission Receipt, and make two (2) copies. Place one copy with the check/cash; and place the other copy with the submission (i.e., the application or other document).
- Date-stamp all pages. (NOTE: Do not stamp check.)
- Give this original Submission Receipt to the applicant.
- Record Submission Receipt information on the "RECEIVED OVER THE COUNTER" log sheet.
- Place the Submission Receipt with check/cash in the small top drawer (i.e., "Fiscal Pick Up Drawer"). Place the Submission Receipt with submission (application/other document) in the large bottom drawer.

Application for a Permit to Use Groundwater



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

SECTION 1: APPLICANT INFORMATION AND SIGNATURE

Applicant

NAME		PHONE (HM)	
PHONE (WK)	CELL		FAX
ADDRESS			
CITY	STATE	ZIP	E-MAIL*

Organization

NAME JACK HEMPICINE, LLC ATTN: SETH CRAWFORD		PHONE 541-760-5419	FAX
ADDRESS 7744 NW MINT AVE.			CELL
CITY ALBANY	STATE OR	ZIP 97321	E-MAIL*

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

AGENT / BUSINESS NAME GSI Water Solutions, Inc. Attn: Kim Grigsby		PHONE 541-257-9004	FAX
ADDRESS 1600 SW Western Blvd. Suite 240			CELL
CITY CORVALLIS	STATE OR	ZIP 97333	E-MAIL* kgrigsby@gsiws.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 proposed and final order documents will also be mailed.)

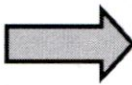
By my signature below I confirm that I understand:


- 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.

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


Applicant Signature

Seth Crawford, Registered Agent for Jack Hempicine, LLC
Print Name and Title if applicable

5/31/19
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.
- YES, the land is encumbered by easements, rights of way, roads or other encumbrances.
- NO, I have a recorded easement or written authorization permitting access.
- NO, I do not currently have written authorization or easement permitting access.
- NO, 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).
- NO, because water is to be diverted, conveyed, and/or used only on federal lands.

Affected Landowners: List the names and mailing addresses of all owners of any lands that are not owned by the applicant and that are crossed by the proposed ditch, canal or other work, even if the applicant has obtained written authorization or an easement from the owner. *(Attach additional sheets if necessary).*

N/A

Legal Description: 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.

See Attachment A for a legal description of where water is to be diverted, conveyed and used.

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	BOWERS SLOUGH	3,105 FEET	87 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).*

(Well log included in Attachment B)

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SECTION 3: WELL DEVELOPMENT, continued

Total maximum rate requested: 10.5 GPM (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 type="checkbox"/>	<input checked="" type="checkbox"/>	L-132107	<input type="checkbox"/>	6 IN.	1 TO 74	52 TO 74	0 TO 39	14 (02/04/2019)	GRAVEL AND SAND	74 FT	10.5	28.25 AF

* 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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For Department Use: App. Number: G-18831

SECTION 4: SENSITIVE, THREATENED OR ENDANGERED FISH SPECIES PUBLIC INTEREST INFORMATION

This information must be provided for your application to be accepted as complete. The Water Resources Department will determine whether the proposed use will impair or be detrimental to the public interest with regard to sensitive, threatened or endangered fish species if your proposed groundwater use is determined to have the potential for substantial interference with nearby surface waters.

To answer the following questions, use the map provided in Attachment 3 or the link below to determine whether the proposed point of appropriation (POA) is located in an area where the Upper Columbia, the Lower Columbia, and/or the Statewide public interest rules apply.

For more detailed information, click on the following link and enter the TRSQQ or the Lat/Long of a POA and click on "Submit" to retrieve a report that will show which section, if any, of the rules apply:
https://apps.wrd.state.or.us/apps/misc/lkp_trsqq_features/

If you need help to determine in which area the proposed POA is located, please call the customer service desk at (503) 986-0801.

Upper Columbia - OAR 690-033-0115 thru -0130

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Is the well or proposed well located in an area where the Upper Columbia Rules apply?

Yes No

If yes, you are notified that the Water Resources Department will consult with numerous federal, state, local and tribal governmental entities so it may determine whether the proposed use is consistent with the "Columbia River Basin Fish and Wildlife Program" adopted by the Northwest Power Planning Council in 1994 for the protection and recovery of listed fish species. The application may be denied, heavily conditioned, or if appropriate, mitigation for impacts may be needed to obtain approval for the proposed use.

If yes, and if the Department determines that proposed groundwater use has the potential for substantial interference with nearby surface waters:

- I understand that the permit, if issued, will not allow use during the time period April 15 to September 30, except as provided in OAR 690-033-0140.
- I understand that the Department of Environmental Quality will review my application to determine if the proposed use complies with existing state and federal water quality standards.
- I understand that I will install and maintain water use measurement and recording devices as required by the Water Resources Department, and comply with recording and reporting permit condition requirements.

Lower Columbia - OAR 690-033-0220 thru -0230

Is the well or proposed well located in an area where the Lower Columbia rules apply?

Yes No

If yes, and the proposed groundwater use is determined to have the potential for substantial interference with nearby surface waters you are notified that the Water Resources Department will determine, by reviewing recovery plans, the Columbia River Basin Fish and Wildlife Program, and regional restoration programs applicable to threatened or endangered fish species, in coordination with state and federal agencies, as

appropriate, whether the proposed use is detrimental to the protection or recovery of a threatened or endangered fish species and whether the use can be conditioned or mitigated to avoid the detriment.

If a permit is issued, it will likely contain conditions to ensure the water use complies with existing state and federal water quality standards; and water use measurement, recording and reporting required by the Water Resources Department. The application may be denied, or if appropriate, mitigation for impacts may be needed to obtain approval of the proposed use.

If yes, you will be required to provide the following information, if applicable.

Yes No The proposed use is for more than **one** cubic foot per second (448.8 gpm) and is not subject to the requirements of OAR 690, Division 86 (Water Management and Conservation Plans).

If yes, provide a description of the measures to be taken to assure reasonably efficient water use:

Statewide - OAR 690-033-0330 thru -0340

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Is the well or proposed well located in an area where the Statewide rules apply?

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Yes No

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If yes, and the proposed groundwater use is determined to have the potential for substantial interference with nearby surface waters you are notified that the Water Resources Department will determine whether the proposed use will occur in an area where endangered, threatened or sensitive fish species are located. If so, the Water Resources Department, Department of Fish and Wildlife, Department of Environmental Quality, and the Department of Agriculture will recommend conditions required to achieve "no loss of essential habitat of threatened and endangered (T&E) fish species," or "no net loss of essential habitat of sensitive (S) fish species." If conditions cannot be identified that meet the standards of no loss of essential T E fish habitat or no net loss of essential S fish habitat, the agencies will recommend denial of the application unless they conclude that the proposed use would not harm the species.

SECTION 5: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
Irrigation	March 1 – October 31	22.25 AF
Nursery (Agricultural & Irrigation)	Year-round	6 AF

For irrigation use only:

Please indicate the number of primary and supplemental acres to be irrigated (*must match map*).

Primary: **8.9** Acres Supplemental: **N/A** Acres (**1.5 acres of Nursery Use**)

If you listed supplemental acres, list the Permit or Certificate number of the underlying primary water right(s):

The Applicant has no current irrigation or nursery water rights on the 10.4 acres where a permit is requested

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: **22.25 AF for irrigation and 4 AF for nursery use during irrigation season. 2 AF for nursery use during non-irrigation season (28.25 AF year-round).**

- If the use is **municipal or quasi-municipal**, attach **Form M – N/A**
- If the use is **domestic**, indicate the number of households: **N/A** (**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 Department Use: App. Number: 9-18831

- If the use is **mining**, describe what is being mined and the method(s) of extraction (*attach additional sheets if necessary*): N/A

SECTION 6: WATER MANAGEMENT

A. Diversion and Conveyance

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

- Pump (give horsepower and type): ½ hp submersible pump
 Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. Irrigation Use: Water will be pumped from Well 1 through 750 feet of piping to a holding tank on the east corner of the property.

Nursery Use: Water will be pumped from Well 1 through 150 feet of piping to a pressure tank inside an existing structure south of the greenhouse facility.

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler) (*attach additional sheets if necessary*)

Water will be applied via drip irrigation system for Irrigation and Nursery uses.

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 (*attach additional sheets if necessary*).

The water will be used in a manner to prevent waste, and to prevent runoff or damage to aquatic life and riparian habitat. The amount of water requested is needed to irrigate crops on the proposed place of use.

SECTION 7: PROJECT SCHEDULE

- a) Date construction will begin: Within 5 years of permit issuance
 b) Date construction will be completed: Within 5 years of permit issuance
 c) Date beneficial water use will begin: Within 5 years of permit issuance

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SECTION 8: RESOURCE PROTECTION

In granting permission to use water the state encourages, and in some instances requires, careful control of activities that may affect adjacent waterway or streamside area. See instruction guide for a list of possible permit requirements from other agencies. Please indicate any of the practices you plan to undertake to protect water resources.

- Water quality will be protected by preventing erosion and run-off of waste or chemical products.
 Describe: Water will be applied via a drip irrigation system to prevent overwatering, runoff and erosion.

- Excavation or clearing of banks will be kept to a minimum to protect riparian or streamside areas.
Note: If disturbed area is greater than one acre, applicant should contact the Oregon Department of Environmental Quality to determine if a 1200C permit is required.

Describe planned actions and additional permits required for project implementation: N/A – Excavation not planned

- Other state and federal permits or contracts required and to be obtained, if a water right permit is granted:
List: N/A

SECTION 9: WITHIN A DISTRICT

- Check here if the point of appropriation (POA) or place of use (POU) are located within or served by an irrigation or other water district.

Irrigation District Name <u>N/A</u>	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*).

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Minimum Requirements Checklist

Minimum Requirements (OAR 690-310-0040, OAR 690-310-0050 & ORS 537.140)

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.

Please submit the original application and signatures to the Water Resources Department. Applicants are encouraged to keep a copy of the completed application.

- SECTION 1: Applicant Information and Signature
- SECTION 2: Property Ownership
- SECTION 3: Well Development
- SECTION 4: Sensitive, Threatened or Endangered Fish Species Public Interest Information
- SECTION 5: Water Use
- SECTION 6: Water Management
- SECTION 7: Project Schedule
- SECTION 8: Resource Protection
- SECTION 9: Within a District
- SECTION 10: Remarks

Include the following additional items:

- Land Use Information Form with approval and signature of local planning department (*must be an original*) or signed receipt. **(Attachment C)**
- 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. **(Attachment A)**
- Fees - Amount enclosed: \$ 2,560
See the Department's Fee Schedule at www.oregon.gov/owrd or call (503) 986-0900.
- Map that includes the following items: **(Attachment D)**
 - 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 diversion, by reference to a recognized public land survey corner (distances north/south and east/west)
 - Indicate the area of use by Quarter/Quarter and tax lot identified clearly.
 - 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)

Note: In addition to a groundwater application, a standard reservoir application is required to store groundwater in a reservoir. If an applicant proposes to divert water from a reservoir, a surface water application is also required.

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Attachment A
Property Legal Description

Groundwater Permit Application – Jack Hempicine, LLC: Mint Avenue

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After recording return to:
Seth Crawford and Eric Crawford
3977 Northwest Tillicum Pl.
Corvallis, OR 97330

Until a change is requested all tax
statements shall be sent to the
following address:
Seth Crawford and Eric Crawford
3977 Northwest Tillicum Pl.
Corvallis, OR 97330

File No.: 7121-2966128 (KJA)
Date: November 03, 2017

Consideration
\$270,000.00

THIS SPACE RESERVED FOR RECORDER'S USE

BENTON COUNTY, OREGON **2017-565105**
DE-WD **12/14/2017 12:32:08 PM**
Stn=6 RV
\$25.00 \$11.00 \$10.00 \$22.00 \$20.00 **\$88.00**

I, James V. Morales, County Clerk for Benton County, Oregon, certify
that the instrument identified herein was recorded in the Clerk
records.

James V. Morales - County Clerk

STATUTORY WARRANTY DEED

Howard E. Schwanke, Grantor, conveys and warrants to **Seth Crawford and Eric Crawford**, each
as to an undivided 50% interest, Grantee, the following described real property free of liens and
encumbrances, except as specifically set forth herein:

LEGAL DESCRIPTION: Real property in the County of Benton, State of Oregon, described as follows:

Beginning at a 3/4 inch pipe the interior corner of Lewis Morris Donation Land Claim No. 70,
Township 10 South, Range 4 West of the Willamette Meridian in Benton County, Oregon,
said corner being 20 chains North and .035 of a chain West of the one-quarter section corner
between Sections 21 and 28 and running thence North 89°33' West along the North line of
said claim, 686.07 feet to a 3/4 inch pipe, 21.93 chains North 89°33' West of the East line of
said claim; thence South 0°06' East parallel to the East line of said claim, 474.94 feet to a
1/2 inch pipe on the North line of a road reserved for the public by the U.S.A. in deed
recorded in Book 116, Page 365 Deed records of said county; thence South 71°51 1/2' East
along the Northerly line of said road, 961.7 feet to a 2 inch pipe the Southwest corner of
another tract of land; thence North 0°13' West 767.14 feet to a 3/4 inch pipe on said North
line extended Easterly and 225.95 feet South 89°33' East of beginning; thence North 89°33'
West 225.95 feet to the place of beginning.

NOTE: This Legal Description was created prior to January 01, 2008.

TOGETHER WITH EASEMENT SHOWN AS EXHIBIT "A"

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FIRST AMERICAN TITLE 2966128

A-18831

APN: 364573

Statutory Warranty Deed
- continued

File No.: 7121-2966128 (KJA)

Subject to:

1. Covenants, conditions, restrictions and/or easements, if any, affecting title, which may appear in the public record, including those shown on any recorded plat or survey.

The true consideration for this conveyance is **\$270,000.00**. (Here comply with requirements of ORS 93.030)

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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.

Dated this 8th day of Dec, 2017

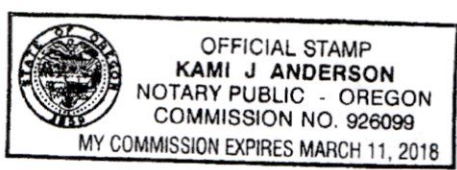
Howard E. Schwanke
Howard E. Schwanke

STATE OF Oregon)
County of DOLY) ss.
Benton)

This instrument was acknowledged before me on this 8th day of Dec, 2017
by **Howard E. Schwanke**.

Kami J. Anderson

Notary Public for Oregon
My commission expires: 3-11-18



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A-18831



ROBERT COOK - REGISTERED SURVEYOR

720 NW 4th Street, Corvallis, Oregon 97330 Phone 541-757-9050; FAX 541-757-7578

DECEMBER 7, 2017

PROPERTY DESCRIPTIONS FOR HOWARD SCHWANKE

25 FOOT EASEMENT

A portion of that tract conveyed to Howard E. Schwanke per Document 2012-491858, Benton County Records lying in Section 21, Township 10 South, Range 4 West, Willamette Meridian, Benton County, Oregon, more particularly described as follows:

Beginning at a 3/4" pipe on the South line of Parcel 1 of said Schwanke tract, lying S 00°05'23"W 482 feet and S 89°32'20"E 225.95 feet from the Northwest Corner of the Lewis Morris DLC No. 70, said Township and Range;
thence along said South line, N 89°32'20"W 33.54 feet;
thence leaving said South line, N 00°00'00"E 25.00 feet;
thence parallel to said South line, S 89°32'20"E 500.00 feet to the westerly right-of-way line of County Road No. 04430, Independence Highway;
thence along said right-of-way line along the arc of a 924.93 foot radius curve right (Long Chord = S 13°20'50"E 25.74 feet) 25.74 feet;
thence leaving said right-of-way line, N 89°32'20"W 472.41 feet to the point of beginning.

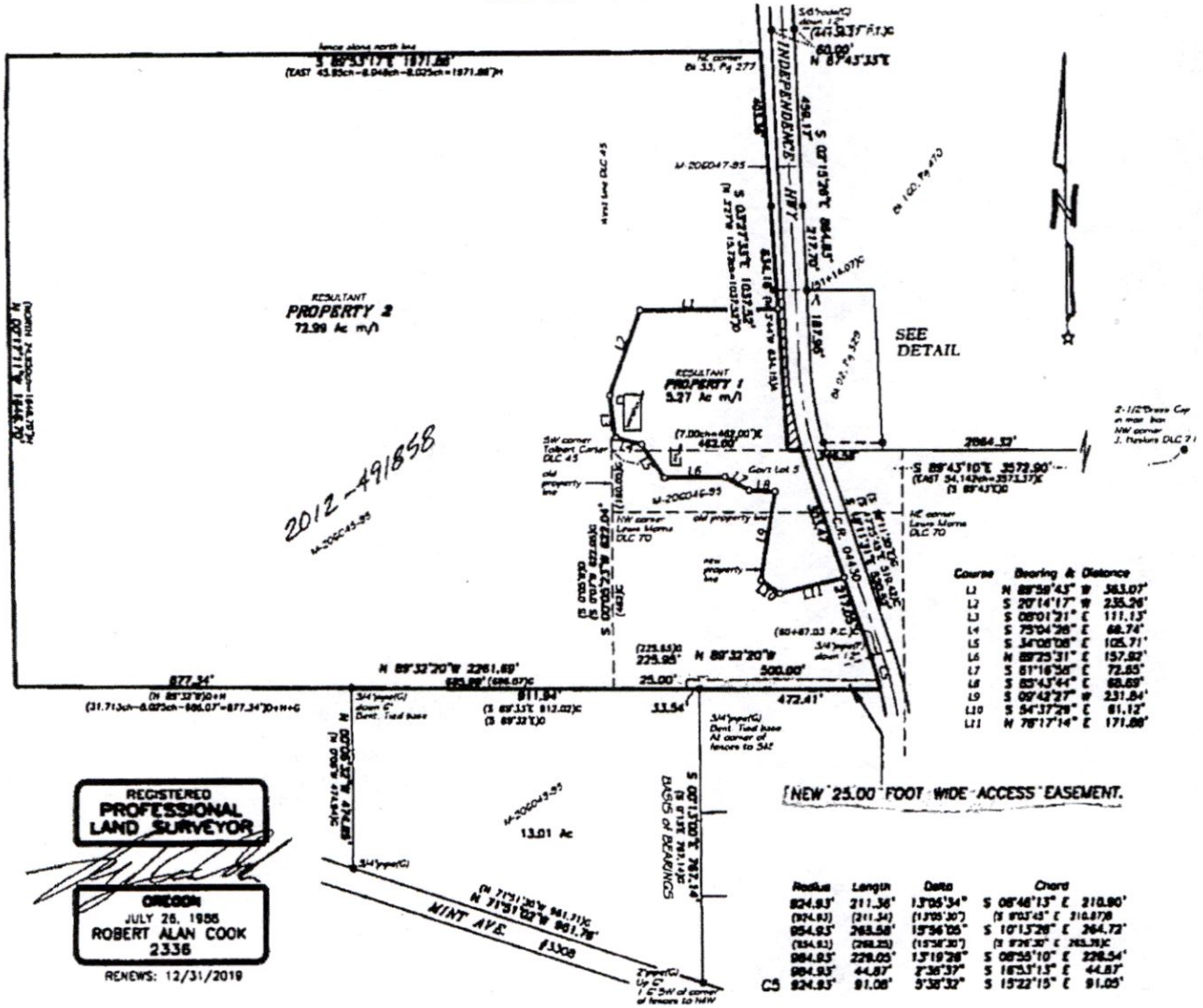
The basis of bearings for this description is Benton Co. CS 10551

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EXHIBIT FOR NEW EASEMENT
 for
HOWARD SCHWANKE
 in
 SECTION 21
 T 10 S, R 4 W, W.M.
 BENTON COUNTY, OREGON
 DECEMBER 7, 2017



REGISTERED
**PROFESSIONAL
 LAND SURVEYOR**

OREGON
 JULY 26, 1988
ROBERT ALAN COOK
 2336

RENEWS: 12/31/2019

NORTHSTAR SURVEYING, INC.
 720 N.W. 4th Street
 Corvallis, Oregon 97330
 Phone: 541-757-9060

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Attachment B

Well Log LINN 62629

Groundwater Permit Application – Jack Hempicine, LLC: Mint Avenue

AMENDED 4/10/2019+
5-13-19

LINN 62629

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

WELL I.D. LABEL# L132107
START CARD # 1041893
ORIGINAL LOG #

(1) LAND OWNER Owner Well I.D. NW
First Name _____ Last Name _____
Company Jack Hempicine LLC
Address 7744 NW Mint Ave
City Albany State Or Zip 97321

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

(2a) PRE-ALTERATION
Dia + From To Gauge Stil 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 74 ft.

BORE HOLE SEAL

Dia	From	To	Material	From	To	Amt	Sacks/lbs
10	0	57	Bentonite Chips	0	26	78	S
8	57	74			Calculated	10.8	
			Cement	26	39	7	S
					Calculated	4.8	

How was seal placed: Method A B C D E
 Other cement tremied
Backfill placed from 39 ft. to 57 ft. Material pea gravel
Filter pack from 33 ft. to 74 ft. Material silica Size 6/9
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	Stil	Plstc	Wld	Thrd
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	1	74	.250	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	4	1	53	sch 40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Shoe Inside Outside Other Location of shoe(s) 74
Temp casing Yes Dia 10 From + 1 To 32

(7) PERFORATIONS/SCREENS
Perforations Method milled

Perf/S	Casing/Screen	Dia	From	To	Scrnl/slot width	Slot length	# of slots	Tele/pipe size
Perf	Casing	6	52	69	.125	6	104	6"
Screen	Liner	4	53	74	.032			

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
Yield gal/min 10.5 Drawdown _____ Drill stem/Pump depth 60 Duration (hr) 4
Temperature 52 °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 Linn BENT Twp 10 S N/S Range 4 W E/W WM
Sec 21 SE 1/4 of the SW 1/4 Tax Lot 1101
Tax Map Number _____ Lot _____
Lat _____ " or _____ DMS or DD
Long _____ " or _____ DMS or DD
 Street address of well Nearest address
North of 7744 NW Mint ave. Albany, Or 97321

(10) STATIC WATER LEVEL
Date 02-04-2019 SWL(psi) _____ + SWL(ft) 14
Existing Well / Pre-Alteration _____
Completed Well _____
Flowing Artesian? Dry Hole?

WATER BEARING ZONES Depth water was first found 39

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)
02-04-2019	21	28	10		14
	41	65	10.5		

(11) WELL LOG
Ground Elevation _____

Material	From	To
Topsoil	0	1
clay, dark brown, sticky	1	5
clay, light brown, sticky	5	7
clay, orange, silty	7	21
clay, brown, sandy w/fine black/brown pea gravel	21	31
fine black/brown pea gravel w/occ. grey sandy clay	31	47
black, blue, brown pea gravel w/occ. grey sandy clay	47	65
grey clay	65	74

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Dickerson Well Drilling, Inc.
(503) 623-2664
MAR 01 2019
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Date Started 01-25-2019 Completed 02-04-2019

(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 1574 Date 02-24-2019
Signed *Robert Sully*

(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 1571 Date 02-24-2019
Signed *William A. Blain*
Contact Info (optional) _____

G-18831

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Attachment C

Land Use Information Form

Groundwater Permit Application – Jack Hempicine, LLC: Mint Avenue

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

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NOTE TO APPLICANTS

In order for your application to be processed by the Water Resources Department (WRD), this Land Use Information Form **must be completed by a local government planning official in the jurisdiction(s) where your water right will be used and developed.** The planning official may choose to complete the form while you wait, or return the receipt stub to you. Applications received by WRD without the Land Use Form or the receipt stub will be returned to you. Please be aware that **your application will not be approved without land use approval.**

This form is NOT required if:

- 1) Water is to be diverted, conveyed, **and/or** used only on federal lands; **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.

NOTE TO LOCAL GOVERNMENTS

The person presenting the attached Land Use Information Form is applying for or modifying a water right. The Water Resources Department (WRD) requires its applicants to obtain land-use information to be sure the water rights do not result in land uses that are incompatible with your comprehensive plan. Please complete the form or detach the receipt stub and return it to the applicant for inclusion in their water right application. You will receive notice once the applicant formally submits his or her request to the WRD. The notice will give more information about WRD's water rights process and provide additional comment opportunities. You will have 30 days from the date of the notice to complete the land-use form and return it to the WRD. If no land-use information is received from you within that 30-day period, the WRD may presume the land use associated with the proposed water right is compatible with your comprehensive plan. Your attention to this request for information is greatly appreciated by the Water Resources Department. If you have any questions concerning this form, please contact the WRD's Customer Service Group at 503-986-0801.

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: Jack Hempicine, LLC Attn: Seth Crawford

First Last

Mailing Address: 744 NW Mint Ave.

Albany OR 97321
City State Zip

Daytime Phone: 541-760-5419

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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:
See Attached Map					EFU	<input checked="" type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input checked="" type="checkbox"/> Used	Irrigation and Nursery
						<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:

Benton 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 Groundwater 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: 10.5 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 Irrigation and Nursery

Briefly describe:

The applicant is requesting to appropriate water at a rate of up to 10.5 gpm (0.023 cfs) and a volume of up to 28.25 acre-feet for irrigation and nursery use.

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): _____.
- 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.

Name: Inga Williams Title: Associate Planner
 Signature: Inga Williams Phone: 541 766 6819 Date: 5/28/19
 Government Entity: Benton County Community Development

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: _____

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Attachment D
Application Map

Groundwater Permit Application – Jack Hempicine, LLC: Mint Avenue
