

Name William, Douglas, and Thomson Martin
 By PO Box 201
 Rufus, OR 97050 G-18377
 Addre. _____

C2023

Priority AUGUST 29, 2016County SHERMAN WM# 3

RELATED FILES

DEVELOPMENT

Date

Completion 12/28/2023

Extended to _____

Final Proof received _____

Proposed Cert. Mailed _____

Application No. **G-18377**Permit No. G-18144

Certificate No. _____

Date

DENIED _____

MISFILED _____

WITHDRAWN _____

CANCELLED _____

Volume Page

FEES PAID

Date	Amount	Receipt No.
8-29-16	4900.00	121096

Cert. Fee

FEES REFUNDED

Date	Amount	Receipt No.

ASSIGNMENTS

Date

To Whom

Address

REMARKS

MAP LOCATION _____

Mailing List for FO Copies
Application #G-18377

Original mailed to applicant:

WILLIAM MARTIN
DOUGLAS MARTIN
THOMSON MARTIN
PO BOX 201
RUFUS OR 97050

Copies Mailed

By: TM
(SUPPORT STAFF)

on: 12/31/2018
(DATE)

SENT VIA AUTO EMAIL:

1. WRD - Robert Wood - # 3

SENT VIA EMAIL:

2. Agent - Larry Toll; LTOLL@tennesoneng.com

Copies sent to:

3. WRD - File # G-18377

Application Specialist: Lisa Graham

**Oregon Water Resources Department
Water Right Services Division**

Water Right Application G-18377 in the)
name of WILLIAM MARTIN, DOUGLAS)
MARTIN, AND THOMSON MARTIN)

FINAL ORDER

Summary: Order approving Application G-18377 and issuing Permit G-18144.

Authority

The application was processed in accordance with Oregon Revised Statute (ORS) 537.615 through 537.628, and 390.826, and Oregon Administrative Rule (OAR) Chapter 690, Divisions 5, 8, 9, 33, 300, 310, 400, 410 and the Deschutes Basin 690-505. These statutes and rules can be viewed on the Oregon Water Resources website: <http://www.oregon.gov/owrd/pages/law/index.aspx>.

The Department's main page is <http://www.oregon.gov/OWRD/pages/index.aspx>.

This Final Order is issued pursuant to ORS 537.625 and OAR 690-310-0200.

FINDINGS OF FACT

1. On August 29, 2016, William Martin, Douglas Martin, and Thomson Martin submitted an application to the Department for a water use permit.
2. The Department issued a Proposed Final Order on September 11, 2018. The protest period closed October 26, 2018, and no protest was filed.
3. The findings of fact in the Proposed Final Order are incorporated herein.

CONCLUSIONS OF LAW

1. The conclusions of law in the Proposed Final Order issued September 11, 2018 are incorporated herein.
2. The proposed use, as conditioned, will ensure the preservation of the public welfare, safety and health.

NOTE: When issuing permits, ORS 537.628(1) authorizes the Department to include limitations and conditions which have been determined necessary to protect the public welfare, safety, and health.

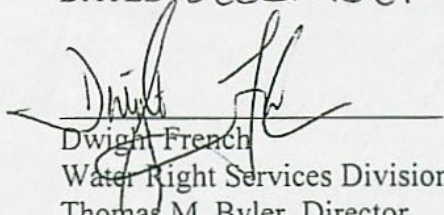
NOTICE OF RIGHT TO PETITION FOR RECONSIDERATION OR JUDICIAL REVIEW

This is a Final Order in other than contested case. This order is subject to judicial review under ORS 536.075 and ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to OAR 137-004-0080 you may petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

ORDER

Application G-18377 is approved and Permit G-18144 is issued.

DATED December 28th, 2018


Dwight French
Water Right Services Division Administrator, for
Thomas M. Byler, Director
Oregon Water Resources Department

-
- If you have any questions about statements contained in this document, please contact Lisa Graham at Elisabeth.A.Graham@oregon.gov or 503-986-0808.
 - If you have other questions about the Department or any of its programs, please contact our Water Resources Customer Service Group at 503-986-0900.
-

STATE OF OREGON

COUNTY OF SHERMAN

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

WILLIAM MARTIN
DOUGLAS MARTIN
THOMSON MARTIN
PO BOX 201
RUFUS OR 97050

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

APPLICATION FILE NUMBER: G-18377

SOURCE OF WATER: WELL 1, WELL 2, WELL 3 AND WELL 4 IN COLUMBIA RIVER BASIN

PURPOSE OR USE: PRIMARY IRRIGATION OF 84.4 ACRES AND SUPPLEMENTAL IRRIGATION OF 640.13 ACRES

MAXIMUM RATE: 7.0 CUBIC FEET PER SECOND (CFS), NOT TO EXCEED 1.06 CFS FOR PRIMARY IRRIGATION AND 7.0 CFS FOR SUPPLEMENTAL IRRIGATION

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: AUGUST 29, 2016

WELL LOCATIONS:

POD Name	Twp	Rng	Mer	Sec	Q-Q	Measured Distances
WELL 1	2 N	16 E	WM	11	NE NW	65 FEET SOUTH AND 1725 FEET EAST FROM NW CORNER, SECTION 11
WELL 2	2 N	16 E	WM	2	SE SE	145 FEET NORTH AND 315 FEET WEST FROM SE CORNER, SECTION 2
WELL 3	2 N	17 E	WM	7	SW NW	35 FEET NORTH AND 1040 FEET EAST FROM W1/4 CORNER, SECTION 7
WELL 4	2 N	17 E	WM	6	SE SW	715 FEET NORTH AND 155 FEET WEST FROM S1/4 CORNER, SECTION 6

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

PRIMARY IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
2 N	16 E	WM	2	SW SE	1.40
2 N	16 E	WM	2	SE SE	10.30
2 N	16 E	WM	12	NE NW	5.70
2 N	16 E	WM	12	NW NW	36.50
2 N	16 E	WM	12	SW NW	18.40
2 N	17 E	WM	7	SW NW	12.10

SUPPLEMENTAL IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
2 N	16 E	WM	1	SE SE	10.30
2 N	16 E	WM	11	SW NE	0.50
2 N	16 E	WM	11	SE NE	31.10
2 N	16 E	WM	11	NE SE	28.70
2 N	16 E	WM	11	NW SE	29.20
2 N	16 E	WM	11	SW SE	2.10
2 N	16 E	WM	11	SE SE	2.40
2 N	16 E	WM	12	NE NE	40.40
2 N	16 E	WM	12	NW NE	40.00
2 N	16 E	WM	12	SW NE	22.40
2 N	16 E	WM	12	SE NE	2.20
2 N	16 E	WM	12	NE NW	34.60
2 N	16 E	WM	12	NW NW	4.40
2 N	16 E	WM	12	SW NW	27.70
2 N	16 E	WM	12	SE NW	43.50
2 N	16 E	WM	12	NE SW	1.30
2 N	16 E	WM	12	NW SE	0.10
2 N	17 E	WM	6	SW SW	32.10
2 N	17 E	WM	6	SE SW	12.40
2 N	17 E	WM	7	SW NE	37.60
2 N	17 E	WM	7	SE NE	39.20
2 N	17 E	WM	7	NE NW	16.70
2 N	17 E	WM	7	NW NW	40.90
2 N	17 E	WM	7	NE SE	32.20
2 N	17 E	WM	7	NW SE	32.20
2 N	17 E	WM	7	SW SE	0.20
2 N	17 E	WM	7	SE SE	0.20
2 N	17 E	WM	8	NE NW	16.72
2 N	17 E	WM	8	NW NW	17.21
2 N	17 E	WM	8	SW NW	39.00
2 N	17 E	WM	8	SE NW	2.60

1. Measurement Devices, and Recording/Reporting of Annual Water Use Conditions:

- A. Before water use may begin under this permit, the permittee shall install a totalizing flow meter at each point of appropriation. The permittee shall maintain the device in good working order.
- B. The permittee shall allow the watermaster access to the device; provided however, where any device is located within a private structure, the watermaster shall request access upon reasonable notice.
- C. The permittee shall keep a complete record of the volume of water used each month, and shall submit an annual report which includes the recorded water-use measurements to the Department annually, or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water-use information, including the place and nature of use of water under the permit.
- D. The Director may provide an opportunity for the permittee to submit alternative measuring and reporting procedures for review and approval.

2. Static Water Level Condition:

The Department requires the water user to obtain, from a qualified individual (see below), and report annual static water levels for each well on the permit. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

The permittee shall report an initial March static water-level measurement once well construction is complete and annual measurements thereafter. Annual measurements are required whether or not the well is used. The first annual measurement will establish a reference level against which future measurements will be compared. However, the Director may establish the reference level based on an analysis of other water-level data. The Director may require the user to obtain and report additional water levels each year if more data are needed to evaluate the aquifer system.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board. Measurements shall be submitted on forms provided by, or specified by, the Department. Measurements shall be made with equipment that is accurate to at least the standards specified in OAR 690-217-0045. The Department requires the individual performing the measurement to:

- A. Associate each measurement with an owner's well name or number and a Department well log ID; and
- B. Report water levels to at least the nearest tenth of a foot as depth-to-water below ground surface; and
- C. Specify the method of measurement; and
- D. Certify the accuracy of all measurements and calculations reported to the Department.

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

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

The period of restricted use shall continue until the water level rises above the decline level which triggered the action or the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or causing substantial interference with senior water rights. The water user shall not allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

3. Dedicated Measuring Tube Condition:

Each well with a pump shall be equipped with a dedicated 3/4-inch diameter (minimum) water-level measurement tube, separate from other methods of measuring the water levels such as airlines or transducers. The annual water-level measurement required in the permit shall be measured through the measuring tube.

4. Groundwater Conditions:

Groundwater production from Well 1 shall be allowed from no shallower than 550 feet below land surface.

Groundwater production from Well 2 shall be allowed from no shallower than 900 feet below land surface.

Groundwater production from Well 3 shall be allowed from no shallower than 1040 feet below land surface.

Groundwater production from Well 4 shall be allowed from no shallower than 970 feet below land surface.

Groundwater production in each well shall be limited to a single aquifer in the Columbia River Basalt Group. Each well shall be continuously cased and continuously sealed to within 100 feet of the bottom of the open borehole. A larger open interval may be approved by the Department if the permittee can demonstrate to the Departments' satisfaction, using packer tests or other suitable methods, that the hydraulic heads of water-bearing zones in the proposed open interval are equivalent or that the open interval is part of a continuous zone of interconnected porous materials.

Following well completion, the wells shall be thoroughly developed to remove cuttings and drilling fluids. A video log of each well shall be collected to demonstrate to the satisfaction of the Department that each well is only open to a single aquifer.

Drill cuttings shall be collected at the permitted wells and any test holes. Samples shall be collected at ten-foot intervals and at changes in lithology and shall be submitted to OWRD.

All hydrologic, geologic, geochemical and video data collected shall be provided to OWRD in report and in electronic form specified by the Department.

5. Well Identification Tag Condition:

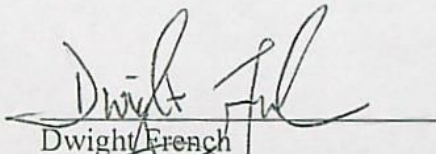
Prior to using water from any well listed on this permit, the permittee shall ensure that the well has been assigned an OWRD Well Identification Number (Well ID tag), which shall be permanently attached to the well. The Well ID shall be used as a reference in any correspondence regarding the well, including any reports of water use, water level, or pump test data.

STANDARD CONDITIONS

1. Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.
2. If the number, location, source, or construction of any well deviates from that proposed in the permit application or required by permit conditions, this permit may be subject to cancellation, unless the Department authorizes the change in writing.
3. If substantial interference with surface water or a senior water right occurs due to withdrawal of water from any well listed on this permit, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.
4. The well(s) shall be constructed and maintained in accordance with the General Standards for the Construction and Maintenance of Water Supply Wells in Oregon. The works shall be equipped with a usable access port adequate to determine water-level elevation in the well at all times.
5. Where two or more water users agree among themselves as to the manner of rotation in the use of water and such agreement is placed in writing and filed by such water users with the watermaster, and such rotation system does not infringe upon such prior rights of any water user not a party to such rotation plan, the watermaster shall distribute the water according to such agreement.

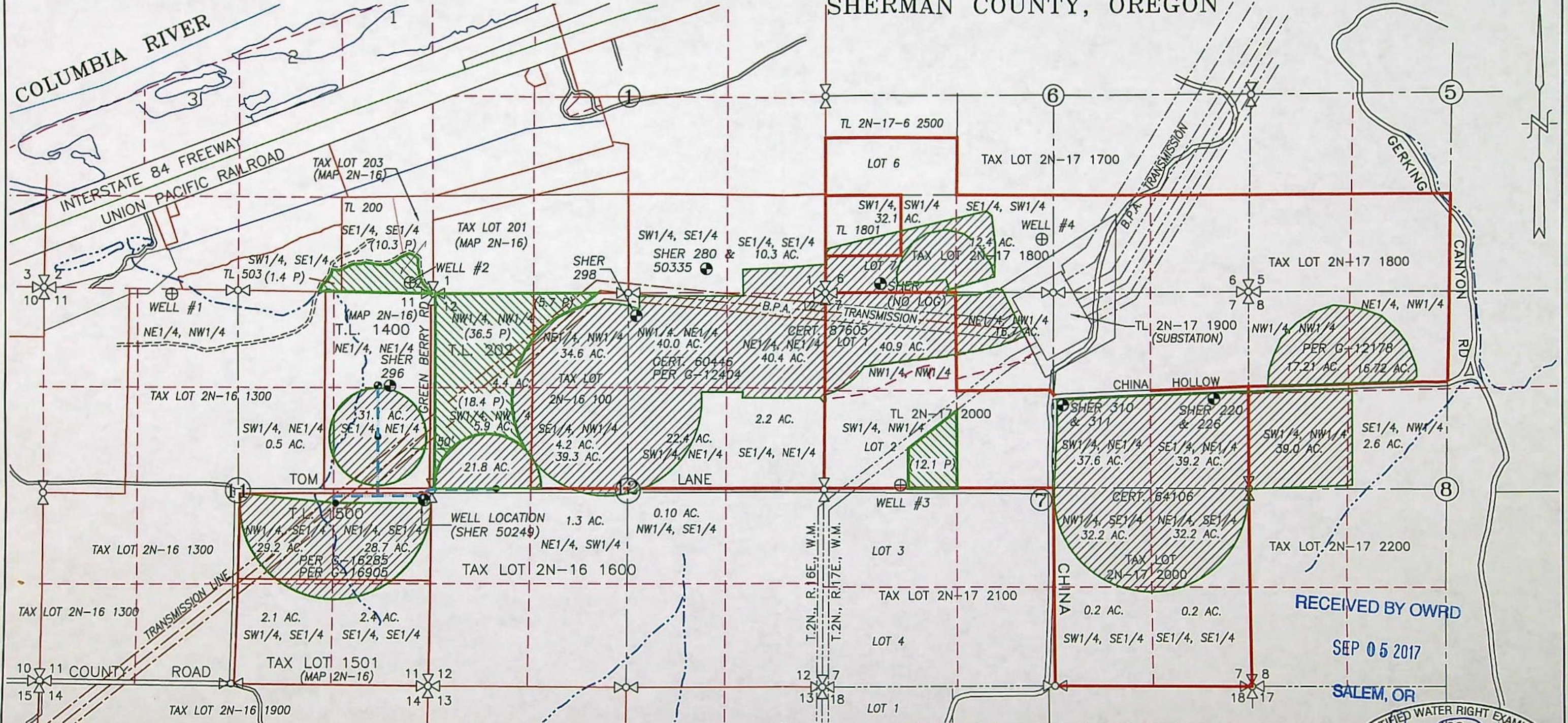
6. Prior to receiving a certificate of water right, the permit holder shall submit to the Water Resources Department the results of a pump test meeting the Department's standards for each point of appropriation (well), unless an exemption has been obtained in writing under OAR 690-217. The Director may require water-level or pump-test data every ten years thereafter.
7. This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.
8. By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.
9. Construction of the well shall begin within five years of the date of permit issuance. The deadline to begin construction may not be extended. This permit is subject to cancellation proceedings if the construction deadline to begin is missed.
10. Complete application of the water shall be made within five years of the date of permit issuance. If beneficial use of permitted water has not been made before this date, the permittee may submit an application for extension of time, which may be approved based upon the merit of the application.
11. Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner.

Issued December 28th, 2018



Dwight French
Water Right Services Division Administrator, for
Thomas M. Byler, Director
Oregon Water Resources Department

SECTIONS 1, 2, 11, & 12, TWP.2 N. RANGE 16 E. AND SECTIONS 6, 7, & 8, TWP.2 N. RANGE 17 E. W.M.
SHERMAN COUNTY, OREGON



LEGEND:

- PRIMARY APPLICATION AREA
- SUPPLEMENTAL APPLICATION AREA
- IRRIGATION MAIN
- STREAM WITH DIRECTIONAL FLOW
- EXISTING WELLS (AS NOTED)
- PROPOSED WELL SITES (AS NUMBERED)

- ⊕ WELL #1: 65'S. & 1725' E. OF NW COR. SEC. 11, T.2N. R.16E. W.M.
- ⊕ WELL #2: 145'N. & 315' W. OF SE COR. SEC. 2, T.2N. R.16E. W.M.
- ⊕ WELL #3: 35'N. & 1040' E. OF THE W1/4 COR. SEC. 7, T.2N. R.17E. W.M.
- ⊕ WELL #4: 715'N. & 155' W. OF THE S1/4 COR. SEC. 6, T.2N. R.17E. W.M.

APPLICATION No. G-18377

PERMIT No. _____

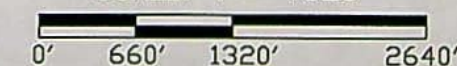
IN THE NAME OF:

WILLIAM MARTIN

DATE: JULY 14, 2016

AMENDED AUGUST 31, 2017

SCALE: 1" = 1320'



BY: **TENNESON ENGINEERING CORP.**

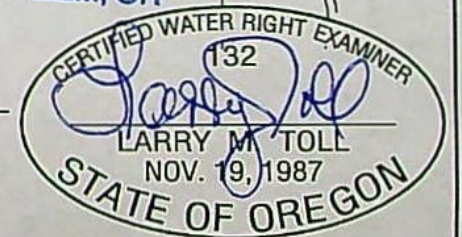
3775 CRATES WAY
THE DALLES, OREGON. 97058
PH. 541-296-9177
FAX 541-296-6657



NOTE:

"THIS MAP IS NOT INTENDED TO PROVIDE DIMENSIONS OR LOCATIONS OF PROPERTY OWNERSHIP LINES."

EXPIRES: 06/30/2018



RECEIVED BY OWRD
SEP 05 2017
SALEM, OR

W.O. #12508wr4

G-18377

Final Order Checklist for Standard Applications

Reminder: use a different colored pen for changes and Date and Initial changes.

Application #: G-18377 Applicant: DOUGLAS MARTIN

Basin # 5

☒ Name and/or address changed or assignment received? ☒ No ☐ Yes

☒ PFO Date 9.11.18 Protest Period Ended 10.26.2018

☒ Well construction meets minimum standards? ☐ NA ☒ Yes ☐ No (deny)
all proposed

☒ PFO conclusions require modification due to typos, errors or omission of conditions: ☒ No ☐ Yes

If so: _____

☒ If PFO requires modification; include FO MOD hearing rights ☒ NA ☐ Yes

☒ MU or QM: ☒ NA ☐ for MU - **change construction finding to 20 years in Permit**

Copy to: ☒ NCR ☐ WM3 ☐ SW Section (If SW, GW w/PSI, or SWW (include copy of yellow sheet))

☒ Agent Larry Toll e LTOLL@tennesoneng.com

☐ CWRE _____

☐ A.L.O. _____

☐ Commenter(s) _____

☐ WMCP Yes cc: Kerri Cope and Chris Kowitz

☐ Ann Reece (if application is for an Irrigation District)

☒ Was a standing paid for? ☒ No ☐ Yes (if yes and no protest, refund standing fee) _____

☒ Fees

Exam Fee Required 4450

Recording Fee Required 450

Exam Fee Paid - 4450

Recording Fee Paid - 450

Still Owed = 0

Still Owed = 0

☐ FO w/Draft permit: still need

☒ FO w/ Permit # G-18144

☐ FO to deny

Refund \$ _____

☐ Recording Fees

☐ Easement

☐ Storage Water Contract

☐ Approved Dam Plans & Specs

☐ Land Use Approval

Name: Elisabeth A. Graham Date Completed: 11.19.18 Peer Reviewer: Kim Date: 11/27/18

Team Lead: alyssa Date: 12/10/18

The purpose of this checklist is to be used as a working document by the Department staff to aid in the production of the related Initial Review, Proposed Final Order, or Final Order. It is not intended to be a complete record of all factors which were considered to produce the document, nor is it intended to serve any purpose other than that stated above. The related Initial Review, Proposed Final Order, or Final Order is intended to stand alone as the record of factors considered in its production.

PFO Checklist for Standard Application

Reminder: use a different colored pen for changes and Date and Initial changes.

Application # G-18377 Applicant: DOUGLAS MARTIN

Basin # 5

☒ IR requested additional information? ☐ NA ☒ Yes # of total acres

☒ Add'l info received? ☐ NA ☒ Yes map: pgs 5-6 IR=84.4 19=640.13

☒ IR Date 8.18.17 Noticed on 8.22.17 Comment Deadline 9.21.17

☒ Electronic /Written comments? ☒ No ☐ Yes Comment Eval? ☒ NA ☐ No ☐ Yes

☒ Allowed Use/Rate/Season 12-15 / 7.0 CFS ¹² 84.4 ¹⁵ 640.13 / 31-10-31 Limit: 1/80 Duty: 3

☒ GW Rev ☐ NA ☐ will likely be available ☐ will not likely be available ☒ will, if conditioned

☒ No PSI

☐ Yes PSI WELL _____ Has PSI with _____

PSI caused from: ☐ 1/4 mile ☐ > 5CFS ☐ Instream Q ☐ > 1% of 80% ☐ Interference > 25%

Groundwater Conditions: 7n, 7t, Lrg w/TFM on each; spec. 3B

☒ Conditions

☐ Small ≤ 0.1 CFS ≤ 9.2 AF ☐ Medium > 0.1 CFS but < 0.25 CFS. > 9.2 AF but < 100 AF ☒ Large ≥ 0.25 CFS ≥ 100 AF

☒ SW availability ☒ NA ☐ 80% ☐ 50% _____

☒ Division 33 ☒ NA ☐ No

- ☐ UPPER COLUMBIA (not allowed 4/15 - 9/30) OAR 690-033-0120 (DIV331)
- ☐ LOWER COLUMBIA OAR 690-033-0220 (DIV332)
- ☐ STATEWIDE OAR 690-033-0330 (DIV333)
- ☐ UPPER COLUMBIA AND STATEWIDE (DIV334)
- ☐ LOWER COLUMBIA AND STATEWIDE (DIV335)

☒ SWW ☒ NA ☐ above ☐ within _____

☒ Land Use ☒ allowed outright ☐ decision obtained ☐ being pursued ☐ not being pursued

☒ Needed before permit: ☒ NA ☐ Fees ☐ evidence of well repair ☐ LU ☐ easement ☐ plans/ specs ☐ storage contract

☒ Changes from IR determinations

none

☒ Notes

new map & pgs 5-6 to clarify

Copy to:

☒ NCR WM 3
☒ Agent Larry Toll: LTOLL@tennesseaneng.com
☐ CWRE
☐ A.L.O.
☐ Commenter(s)
☐ Hydrographics (If SW, GW w/PSI, or SSW)

EXAM FEE REQUIRED	<u>4450</u>	RECORDING FEE REQUIRED	<u>450</u>
EXAM FEE PAID	<u>4450</u>	RECORDING FEE PAID	<u>450</u>
STILL OWED	<u>0</u>	STILL OWED	<u>0</u>

Name: Elisabeth A. Graham Date Completed: 6-26-18 Initials: LSB Peer Reviewer: DP Date: 6/28/2018

The purpose of this check list is to be used as a working document by the Department staff to aid in the production of the related Initial Review, Proposed Final Order or Final Order. It is not intended to be a complete record of all factors which were considered to produce the document, nor is it intended to serve any purpose other than that stated above. The related Initial Review, Proposed Final Order, or Final Order is intended to stand alone as the record of factors considered in its production.

IR CHECKLIST

Application #: G-18377 Applicant: DOUGLAS MARTIN Priority Date: August 29, 2016

☒ Requested Use/Rate/Season 1R⁺ 19/7.0 cfs 12 84.4' 15 880.03/3-1-10-31 Limit _____ Duty _____
Allowed Use/Rate/Season _____ Limit 1/80 Duty 3

☒ DIV 9 ☐ NA ☒ will likely be available... ☐ will not likely be available... ☒ will, if properly conditioned...

☒ No PSI OR well _____ has PSI with _____

☐ Reduce rate to avoid PSI _____

GW conditions 7N; 7T measuring tube; Lrg w/ flowmeter on each; special 3B

☒ Conditions _____

☐ Small ≤ 0.1 CFS, ≤ 9.2 AF ☐ Medium > 0.1 CFS but < 0.25 CFS, > 9.2 AF but < 100 AF ☒ Large ≥ 0.25 CFS, ≥ 100 AF

use at least Medium for: Siltcoos Lake, stored water contract, and Sandy Basin ground water

use Large for: Tenmile Lake, NU or other temp control, and gov. entities, HC exceptions; and if GW in South Salem Hills, or 10+ acres in Stage Gulch CGWA; Large-7g, Large-7i for 7g/7i

☒ ORS 538 prohibits use ☒ No ☐ Yes (stop processing and return app and fees)

☒ Stream is withdrawn ☒ NA ☐ No ☐ Yes, allows use/season _____

☒ Use is ☒ allowed ☐ not allowed ☐ limited ☒ OAR ☐ Compact 690-909-0400

☒ SW availability ☒ NA ☐ 80% ☐ 50% _____ WID: _____

☐ Use DWF's 6/21/05 non-standard W/A memo if the source is: trib to Drews Res, Snake R, Columbia R, North Umpqua R below Rock Cr, or within drainages of Lost R, Chehalem Cr, or Champoeg Cr (including Mission Cr and Case Cr)

☒ DIVISION 33 ☒ NA ☐ No ☐ UPPER COLUMBIA (not allowed 4/15 - 9/30)
☐ LOWER COLUMBIA
☐ STATEWIDE

☒ Use is within a Priority WAB ☒ NA ☐ No ☐ Yes

☒ 4D Rules apply ☒ NA ☐ No ☐ Yes

☒ SWW ☒ NA ☐ above ☐ within _____ (If GW and interference, copy form for hydro.)

☒ POU conflict ☐ No ☐ No, different sources ☐ No, make up a deficiency in rate ☐ No, existing not at max. rate

☐ Yes _____

☒ Use is supplemental, checked for primary rights w/ diff source ☐ NA ☐ No ☒ Yes limits 1/80 3 3-1-10-31

☒ App w/in a District boundary ☒ No ☐ Yes, cc: _____

☒ Land use ☒ allowed outright ☐ not allowed ☐ being pursued ☐ not being pursued ☐ decision obtained ☐ receipt only ☐ N/A

☒ MU or QM ☒ NA ☐ will complete construction within 20 years ☐ Lisa reviewed recommendations _____

☒ Storage contract ☒ NA ☐ BOR ☐ Doug Co ☐ Corp of Eng ☐ needed ☐ obtained _____

☒ POD is within North Umpqua or Tenmile Lake for domestic use and the spreadsheet was updated ☒ NA ☐ Yes

☒ Forms ☒ NA ☐ HC except (receipts/well logs attached) ☐ spring description ☐ Form M

Application #: G-18377 Applicant: DOUGLAS MARTIN

☒ Authorized agent specified ☐ No ☒ Yes Larry Toll: LTOLL@tennesseaneng.com
Copy to ☐ SWR ☒ WM # 3 ☐ a.l.o. ☐ city (w/in 5-mile muni wells)
☒ NCR ☐ agent ☐ district
☐ CWRE

☒ Fees 7.0 CFS Base 1150-
 AF Up to 1 CFS 300-
 Add'l CFS 10 300 1800-
 well(s)/POD(s) Up to 20 AF
 use(s) Add'l AF @ \$1
Add'l 3 POD/POA 1 use + 1200-
 300
Exam Fee Required = 4450- Rec Fee Req'd 450-
Exam Fee Paid 4450- Red Fee Paid 450-
Still Owed/Refund 0 Owed before permit 0

☒ App/map meet min. req ☒ Yes ☐ No ☐ ALO info ☐ map ☐ legal
☒ Req'd before PFO ☒ NA ☐ LU approve/pursue ☐ ALO info ☐ exam fees
☒ Req'd before permit ☒ NA ☐ recording fees ☐ well repair ☐ LU ☐ easement ☐ plans/specs ☐ storage contract
☒ Letter format ☒ good ☐ limited ☐ bad ☐ bad w/ rate reduction opportunity ☐ bad w/ HC opportunity
☒ Scanned images exist for application form and map

*no WAB *clarify ac on map

Name: Lisa Graham Date: 7/10/2017

Peer Reviewer: lf

The purpose of this checklist is to be used as a working document by Department staff to aid in the production of the related Initial Review, Proposed Final Order, or Final Order. It is not intended to be a complete record of all factors which were considered to produce the document, nor is it intended to serve any purpose other than that stated above. The related Initial Review, Proposed Final Order, or Final Order is intended to stand alone as the record of factors considered in its production.

Revised 12/03/13



Oregon Water Resources Department
Point of Diversion Characteristics

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Point of Diversion Characteristics

Right:	App: G 18377 *
Name:	DOUGLAS MARTIN

TRSQQ: 02.00N-16.00E-02-SESE

County: Sherman
Basin: Deschutes
WM District: 3
WM Region: NC
Withdrawn Area:
WAB:
Priority WAB:
Rule 4D: Rules apply
Groundwater Restricted Area:
Scenic Water Way:
Division 33: UPPER COLUMBIA
Water Quality Limited:

TRSQQ: 02.00N-16.00E-11-NENW

County: Sherman
Basin: Deschutes
WM District: 3
WM Region: NC
Withdrawn Area:
WAB:
Priority WAB:
Rule 4D: Rules apply
Groundwater Restricted Area:
Scenic Water Way:
Division 33: UPPER COLUMBIA
Water Quality Limited:

no psi

TRSQQ: 02.00N-17.00E-06-SESW

County: Sherman
Basin: Deschutes
WM District: 3
WM Region: NC
Withdrawn Area:
WAB:
Priority WAB:
Rule 4D: Rules apply
Groundwater Restricted Area:
Scenic Water Way:
Division 33: UPPER COLUMBIA
Water Quality Limited:

TRSQQ: 02.00N-17.00E-07-SWNW

County: Sherman
Basin: Deschutes
WM District: 3
WM Region: NC
Withdrawn Area:
WAB:
Priority WAB:
Rule 4D: Rules apply
Groundwater Restricted Area:
Scenic Water Way:
Division 33: UPPER COLUMBIA
Water Quality Limited:

Place of Use Conflict Report

The following rights have acreage in the same quarter-quarter as App: G 18377 *

Right	Name	Decree	App	Permit	Cert	Priority	Status	Use	T-R-S-QQ	DLC	Gov't Lot	Acres
<u>INCHOTE T.11259 CF (REG) *</u>	WILLIAM MARTIN	G-7891	G-7301		3/7/1977	NC	IR	02.00N-16.00E-12-NWNE				11.0000
							IR	02.00N-16.00E-12-NENE				5.2000
● <u>CERT.87905 RR CR *</u>	WILLIAM MARTIN	G-7891	G-7301	87505	3/7/1977	NC	IR	02.00N-16.00E-01-SESE				10.3000
							IR	02.00N-16.00E-12-SENE				2.2000
							IR	02.00N-17.00E-06-SESW				12.4000
							IR	02.00N-16.00E-12-NENE				35.2000
							IR	02.00N-17.00E-06-SWSW		7		32.1000
							IR	02.00N-17.00E-07-NENW				16.7000
							IR	02.00N-17.00E-07-NWNW		1		40.9000
● <u>CERT.64128 OR *</u>	WILLIAM F MARTIN	G-8393	G-7736	64106	8/23/1977	NC	IR	02.00N-17.00E-08-NWNW				0.6000
							IR	02.00N-17.00E-03-SENE				2.6000
							IR	02.00N-17.00E-03-SWNW				39.0000
							IR	02.00N-17.00E-07-SWNE				37.6000
							IR	02.00N-17.00E-07-SENE				39.2000
							IR	02.00N-17.00E-07-NESE				32.2000
							IR	02.00N-17.00E-07-NWSE				32.2000
							IR	02.00N-17.00E-07-SESE				0.2000
							IR	02.00N-17.00E-07-SWSE				0.2000
● <u>CERT.60446 OR *</u>	WILLIAM F MARTIN	G-10048	G-9559	60446	12/10/1980	NC	IR	02.00N-16.00E-12-SWNW				5.9000
							IR	02.00N-16.00E-12-SENE				39.3000
							IR	02.00N-16.00E-12-NESW				1.3000
							IR	02.00N-16.00E-12-NWSE				0.1000
							IR	02.00N-16.00E-12-NWNW				4.4000
							IR	02.00N-16.00E-12-NENW				34.8000
							IR	02.00N-16.00E-12-SWNE				22.4000
							IR	02.00N-16.00E-12-NWNE				29.0000
<u>PERMIT. G 12404 *</u>	THOMSON MARTIN	G-13481	G-12404		8/8/1993	NC	IR	02.00N-16.00E-12-NWNE				22.0000
							IR	02.00N-16.00E-12-SWNE				26.5000
							IR	02.00N-16.00E-12-NENW				32.0000
							IR	02.00N-16.00E-12-SWNW				3.0000
							IR	02.00N-16.00E-12-NWNW				2.5000
							IR	02.00N-16.00E-12-SENE				34.0000
<u>PERMIT. G 12176 *</u>	THOMSON S MARTIN	G-13482	G-12176		8/8/1993	NC	IR	02.00N-17.00E-08-NWNW				16.6100
<u>PERMIT. G 16285 *</u>	DOUGLAS MARTIN	G-16803	G-16285		2/22/2007	NC	IR	02.00N-16.00E-11-NWSE				29.2000
							IR	02.00N-16.00E-11-NESE				28.7000
							IR	02.00N-16.00E-12-SWNW				21.8000
							IR	02.00N-16.00E-11-SESE				2.4000
							IR	02.00N-16.00E-11-SWSE				2.1000
							IR	02.00N-16.00E-12-SENE				4.2000
							IR	02.00N-16.00E-11-SWNE				0.5000
							IR	02.00N-16.00E-11-SENE				31.1000
<u>PERMIT. G 16905 *</u>	DOUGLAS MARTIN	G-17475	G-16905		7/7/2011	NC	IR	02.00N-16.00E-11-SENE				31.1000
							IR	02.00N-16.00E-11-SWNE				0.5000
							IR	02.00N-16.00E-12-SWNW				21.8000
							IR	02.00N-16.00E-11-SWSE				2.1000
							IR	02.00N-16.00E-11-SESE				2.4000
							IR	02.00N-16.00E-11-NESE				28.7000
							IR	02.00N-16.00E-11-NWSE				29.2000
							IR	02.00N-16.00E-12-SENE				4.2000
<u>PERMIT. R 13950 *</u>	THOMSON MARTIN	R-85311	R-13950		10/8/2002	NC	IR	02.00N-16.00E-02-SESE				
<u>PERMIT. S 54033 *</u>	THOMSON MARTIN	S-85312	S-54033		10/8/2002	NC	IR	02.00N-16.00E-02-SESE				

G-18377

DIVISION 505

DESCHUTES BASIN PROGRAM

690-505-0400

Ground Water Classification

Ground water in the Deschutes Basin is classified for any beneficial use.

Groundwater Review Summary Form

Application # G- 18377

GW Reviewer Aurora Bouchier Date Review Completed: Feb. 2, 2017

Summary of GW availability and Injury Review:

☐ Groundwater for the proposed use is either over appropriated, will not likely be available in the amounts requested without injury to prior water rights, OR will not likely be available within the capacity of the groundwater resource per Section B of the attached review form.

Summary of Potential for Substantial Interference Review:

☐ There is the potential for substantial interference per Section C of the attached review form.

Summary of Well Construction Assessment:

☐ The well does not appear to meet current well construction standards per Section D of the attached review form. Route through Well Construction and Compliance Section.

This is only a summary. Documentation is attached and should be read thoroughly to understand the basis for determinations and for conditions that may be necessary for a permit (if one is issued).

WATER RESOURCES DEPARTMENT

MEMO

Feb. 2, 2017

TO: Application G- 18377

FROM: GW: Aurora Bouchier
(Reviewer's Name)

SUBJECT: Scenic Waterway Interference Evaluation

- ☐ YES
The source of appropriation is within or above a Scenic Waterway
- ☒ NO
- ☐ YES
Use the Scenic Waterway condition (Condition 7J)
- ☒ NO
- ☐ Per ORS 390.835, the Groundwater Section is **able** to calculate ground water interference with surface water that contributes to a Scenic Waterway. The calculated interference is distributed below.
- ☐ Per ORS 390.835, the Groundwater Section is **unable** to calculate ground water interference with surface water that contributes to a scenic waterway; **therefore, the Department is unable to find that there is a preponderance of evidence that the proposed use will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway.**

DISTRIBUTION OF INTERFERENCE

Calculate the percentage of consumptive use by month and fill in the table below. If interference cannot be calculated, per criteria in 390.835, do not fill in the table but check the "unable" option above, thus informing Water Rights that the Department is unable to make a Preponderance of Evidence finding.

Exercise of this permit is calculated to reduce monthly flows in _____ Scenic Waterway by the following amounts expressed as a proportion of the consumptive use by which surface water flow is reduced.

[illegible]

PUBLIC INTEREST REVIEW FOR GROUNDWATER APPLICATIONS

TO: Water Rights Section Date February 2, 2017
 FROM: Groundwater Section Aurora C Bouchier
 SUBJECT: Application G- 18377 Supersedes review of na
 Reviewer's Name
 Date of Review(s)

PUBLIC INTEREST PRESUMPTION: GROUNDWATER

OAR 690-310-130 (1) *The Department shall presume that a proposed groundwater use will ensure the preservation of the public welfare, safety and health as described in ORS 537.525.* Department staff review groundwater applications under OAR 690-310-140 to determine whether the presumption is established. OAR 690-310-140 allows the proposed use be modified or conditioned to meet the presumption criteria. **This review is based upon available information and agency policies in place at the time of evaluation.**

A. **GENERAL INFORMATION:** Applicant's Name: William, Douglas, & Thomson Martin County: Sherman

A1. Applicant(s) seek(s) 7.0 cfs from 4 well(s) in the Deschutes Basin,
Middle Columbia-Hood subbasin (Biggs Junction and Sher quadrangles)

A2. Proposed use Primary Irrigation (84.4 acres), Supplemental Irrigation (880.03 acres)
 Seasonality: March 1 – October 31

A3. Well and aquifer data (attach and number logs for existing wells; mark proposed wells as such under logid):

Well	Logid	Applicant's Well #	Proposed Aquifer*	Proposed Rate(cfs)	Location (T/R-S QQ-Q)	Location, metes and bounds, e.g. 2250' N, 1200' E fr NW cor S 36
1	proposed	1	CRB	7.0	2N/16E-11 NE-NW	65' S, 1725' E fr NW cor S 11
2	proposed	2	CRB	7.0	2N/16E-02 SE-SE	145' N, 315' W fr SE cor S 2
3	proposed	3	CRB	7.0	2N/17E-07 SW-NW	35' N, 1040' E fr W1/4 cor S 7
4	proposed	4	CRB	7.0	2N/17E-06 SE-SW	715' N, 155' W fr S1/4 cor S 6

* Alluvium, CRB, Bedrock

Well	Well Elev ft msl	First Water ft bls	SWL ft bls	SWL Date	Well Depth (ft)	Seal Interval (ft)	Casing Intervals (ft)	Liner Intervals (ft)	Perforations Or Screens (ft)	Well Yield (gpm)	Draw Down (ft)	Test Type
1	~460	na	na	na	>550 to 600	na	na	na	na	Up to 3141.6	na	na
2	~815				Same					Same		
3	~945				Same					Same		
4	~880				Same					Same		

Use data from application for proposed wells.

A4. **Comments:** The applicants intend to construct the proposed wells deeper than their existing wells to avoid appropriating the water-bearing zones they use. The applicants' hope to obtain an amount of water (7.0 cfs), and they propose constructing up to 4 wells to obtain that amount. The applicants' realize that there is a possibility they might not find water to reach their goal.

A5. ☒ **Provisions of the** Deschutes Basin rules relative to the development, classification and/or management of groundwater hydraulically connected to surface water ☐ are, or ☒ are not, activated by this application. (Not all basin rules contain such provisions.)
 Comments: The wells are outside of the USGS Groundwater Study Area, and therefore are not subject to Division 690-505-0500 to -0620.

A6. ☐ Well(s) # _____, _____, _____, _____, _____, tap(s) an aquifer limited by an administrative restriction.
 Name of administrative area: _____
 Comments: _____

B. GROUNDWATER AVAILABILITY CONSIDERATIONS, OAR 690-310-130, 400-010, 410-0070

B1. Based upon available data, I have determined that groundwater* for the proposed use:

- a. ☐ is over appropriated, ☐ is not over appropriated, or ☒ cannot be determined to be over appropriated during any period of the proposed use. * This finding is limited to the groundwater portion of the over-appropriation determination as prescribed in OAR 690-310-130;
- b. ☐ will not or ☒ will likely be available in the amounts requested without injury to prior water rights. (Assuming the wells are constructed as spelled out in section B3.) * This finding is limited to the groundwater portion of the injury determination as prescribed in OAR 690-310-130;
- c. ☐ will not or ☐ will likely to be available within the capacity of the groundwater resource; or
- d. ☒ will, if properly conditioned, avoid injury to existing groundwater rights or to the groundwater resource:
- ☐ The permit should contain condition #(s) 7N – Annual WL (March), 7T – Measuring Tube, Large measuring and reporting with flow meter on each well;
 - ☐ The permit should be conditioned as indicated in item 2 below.
 - ☐ The permit should contain special condition(s) as indicated in item 3 below;

- B2. a. ☐ Condition to allow groundwater production from no deeper than _____ ft. below land surface;
- b. ☐ Condition to allow groundwater production from no shallower than _____ ft. below land surface;
- c. ☐ Condition to allow groundwater production only from the _____ groundwater reservoir between approximately _____ ft. and _____ ft. below land surface;
- d. ☐ Well reconstruction is necessary to accomplish one or more of the above conditions. The problems that are likely to occur with this use and without reconstructing are cited below. Without reconstruction, I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Department and approved by the Groundwater Section.

Describe injury –as related to water availability– that is likely to occur without well reconstruction (interference w/ senior water rights, not within the capacity of the resource, etc): _____

B3. **Groundwater availability remarks:**

With regard to B1b: In order to reduce potential to cause injury to prior water rights, the wells will likely need to be constructed into water-bearing zones at or below the depths that nearby water rights are producing from. Within a mile of the proposed well locations there are 3 certified rights on springs emerging at elevations of approximately 225, 280, and 610 feet above sea level; the proposed well must produce from water-bearing zones below these springs. The City of Rufus municipal well (SHER 50113) primarily produces from a zone approximately -68 to -92 feet in elevation. SHER 50113 has a static water level of approximately 162 feet in elevation – essentially the same as the elevation of the Columbia River at Lake Celilo. It appears the water-bearing zone which SHER 50113 produces from is in hydraulic connection with the river. If the proposed wells produce from the same water-bearing zone as SHER 50113 they will likely be in hydraulic connection with the river although it is unlikely they would injure the existing groundwater users which are likewise in hydraulic connection with the river.

Based on the best available information, at the proposed location well 1 will likely need to be approximately 550 feet (minimum) in total depth, well 2 will likely need to be approximately 900 feet (minimum) in total depth, well 3 will likely need to be approximately 1040 feet (minimum) in total depth, and well 4 will likely need to be approximately 970 feet (minimum) in total depth.

Groundwater production in each well shall be limited to a single aquifer in the Columbia River Basalt Group. Each well shall be continuously cased and continuously sealed to within 100 feet of the bottom of the open borehole. A larger open interval may be approved by the Department if the permittee can demonstrate to the Departments' satisfaction, using packer tests or other suitable methods, that the hydraulic heads of water-bearing zones in the

proposed open interval are equivalent or that the open interval is part of a continuous zone of interconnected porous materials. Following well completion, the wells shall be thoroughly developed to remove cuttings and drilling fluids. A video log of each well shall be collected to demonstrate to the satisfaction of the Department that each well is only open to a single aquifer.

Each well with a pump shall be equipped with a dedicated 3/4-inch diameter (minimum) water-level measurement tube, separate from other methods of measuring the water levels such as airlines or transducers. The annual water-level measurement required in the permit shall be measured through the measuring tube.

Drill cuttings shall be collected at the permitted wells and any test holes. Samples shall be collected at ten-foot intervals and at changes in lithology and shall be submitted to OWRD.

All hydrologic, geologic, geochemical and video data collected shall be provided to OWRD in report and in electronic form specified by the Department.

C. GROUNDWATER/SURFACE WATER CONSIDERATIONS, OAR 690-09-040**C1. 690-09-040 (1): Evaluation of aquifer confinement:**

Well	Aquifer or Proposed Aquifer	Confined	Unconfined
1	CRBG	☒	☐
2	CRBG	☒	☐
3	CRBG	☒	☐
4	CRBG	☒	☐

Basis for aquifer confinement evaluation: Deep wells in the CRBG typically develop water from confined aquifers.

C2. 690-09-040 (2) (3): Evaluation of distance to, and hydraulic connection with, surface water sources. All wells located a horizontal distance less than ¼ mile from a surface water source that produce water from an unconfined aquifer shall be assumed to be hydraulically connected to the surface water source. Include in this table any streams located beyond one mile that are evaluated for PSI.

Well	SW #	Surface Water Name	GW Elev ft msl	SW Elev ft msl	Distance (ft)	Hydraulically Connected?			Potential for Subst. Interfer. Assumed?	
						YES	NO	ASSUMED	YES	NO
1	1	Columbia River – Lake Celilo	?	160	1,770	☒	☐	☐	☐	☒
2	1	" "	?	160	3,000	☒	☐	☐	☐	☒
3	1	" "	?	160	8,200	☒	☐	☐	☐	☒
4	1	" "	?	160	5,450	☒	☐	☐	☐	☒
1	2	Spring on Cert 54473	?	280	330	☐	☒	☐	☐	☒
2	2	" "	?	280	3,390	☐	☒	☐	☐	☒
3	3	Spring on Cert 37766	?	610	5,040	☐	☒	☐	☐	☒
4	3	" "	?	610	2,770	☐	☒	☐	☐	☒
2	4	Spring on Cert 63753	?	225	5,345	☐	☒	☐	☐	☒
3	4	" "	?	225	6,220	☐	☒	☐	☐	☒
4	4	" "	?	225	4,825	☐	☒	☐	☐	☒

Basis for aquifer hydraulic connection evaluation:

Within a mile of the proposed well locations there are 3 certified rights on springs emerging at elevations of approximately 225, 280, and 610 feet above sea level; the proposed well must produce from water-bearing zones below these springs. The City of Rufus municipal well (SHER 50113) primarily produces from a zone approximately -68 to -92 feet in elevation. SHER 50113 has a static water level of approximately 162 feet in elevation – essentially the same as the elevation of the Columbia River at Lake Celilo. It appears the water-bearing zone which SHER 50113 produces from is in hydraulic connection with the river. If the proposed wells produce from the same water-bearing zone as SHER 50113 they will likely be in hydraulic connection with the river. However, this should prevent the proposed wells from being hydraulically connected to the nearby springs with certified water rights.

Water Availability Basin the well(s) are located within: Not within a WAB, area contributes directly to Columbia River.

C3a. 690-09-040 (4): Evaluation of stream impacts for each well that has been determined or assumed to be hydraulically connected and less than 1 mile from a surface water source. Limit evaluation to instream rights and minimum stream flows that are pertinent to that surface water source, and not lower SW sources to which the stream under evaluation is tributary. Compare the requested rate against the 1% of 80% natural flow for the pertinent Water Availability Basin (WAB). If Q is not distributed by well, use full rate for each well. Any checked ☒ box indicates the well is assumed to have the potential to cause PSI.

Well	SW #	Well < ¼ mile?	Qw > 5 cfs?	Instream Water Right ID	Instream Water Right Q (cfs)	Qw > 1% ISWR?	80% Natural Flow (cfs)	Qw > 1% of 80% Natural Flow?	Interference @ 30 days (%)	Potential for Subst. Interfer. Assumed?
1 & 2	1	☐	☐	na	na	☐	na	☐	See below	☐

- C3b. **690-09-040 (4):** Evaluation of stream impacts by total appropriation for all wells determined or assumed to be hydraulically connected and less than 1 mile from a surface water source. Complete only if Q is distributed among wells. Otherwise same evaluation and limitations apply as in C3a above.

	SW #	Qw > 5 cfs?	Instream Water Right ID	Instream Water Right Q (cfs)	Qw > 1% ISWR?	80% Natural Flow (cfs)	Qw > 1% of 80% Natural Flow?	Interference @ 30 days (%)	Potential for Subst. Interfer. Assumed?
		☐			☐		☐		☐
		☐			☐		☐		☐
		☐			☐		☐		☐
		☐			☐		☐		☐

Comments: If the wells are completed such that they produce from the same water-bearing zone as SHER 50113, they will likely be in hydraulic connection with the river. However, this should prevent the proposed wells from being hydraulically connected to the nearby springs with certified water rights. There is no specified natural flow for the Columbia River. There is no model that is currently available that can appropriately estimate stream depletion impacts for wells that produce from a stratiform basalt aquifer.

- C4a. **690-09-040 (5):** Estimated impacts on hydraulically connected surface water sources greater than one mile as a percentage of the proposed pumping rate. Limit evaluation to the effects that will occur up to one year after pumping begins. This table encompasses the considerations required by 09-040 (5)(a), (b), (c) and (d), which are not included on this form. Use additional sheets if calculated flows from more than one WAB are required.

Non-Distributed Wells													
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
3 & 4	1	%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
Distributed Wells													
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
(A) = Total Interf.													
(B) = 80 % Nat. Q													
(C) = 1 % Nat. Q													
(D) = (A) > (C)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
(E) = (A / B) x 100		%	%	%	%	%	%	%	%	%	%	%	%

(A) = total interference as CFS; (B) = WAB calculated natural flow at 80% exceed. as CFS; (C) = 1% of calculated natural flow at 80% exceed. as CFS; (D) = highlight the checkmark for each month where (A) is greater than (C); (E) = total interference divided by 80% flow as percentage.

Basis for impact evaluation:

If the wells are completed such that they produce from the same water-bearing zone as SHER 50113, they will likely be in hydraulic connection with the river. However, this should prevent the proposed wells from being hydraulically connected to the nearby springs with certified water rights. There is no specified natural flow for the Columbia River. There is no model that is currently available that can appropriately estimate stream depletion impacts for wells that produce from a stratiform basalt aquifer.

C4b. 690-09-040 (5) (b) The potential to impair or detrimentally affect the public interest is to be determined by the Water Rights Section.

C5. ☐ If properly conditioned, the surface water source(s) can be adequately protected from interference, and/or groundwater use under this permit can be regulated if it is found to substantially interfere with surface water:

- i. ☐ The permit should contain condition #(s) _____;
- ii. ☐ The permit should contain special condition(s) as indicated in "Remarks" below;

C6. SW / GW Remarks and Conditions: _____

References Used: _____

Application folder: G-18377, and referenced G-17506.

Rufus quadrangle and Biggs Junction quadrangle topographic maps.

OWRD well log and water level database, in particular SHER 50113.

Swanson, D. A., Anderson, J. L., Camp, V. E., Hooper, P. R., Taubeneck W. H., and Wright, T. L., 1981, Reconnaissance geologic map of the Columbia River Basalt Group, Northern Oregon and Western Idaho: Reston, Va., U.S. Geological Survey, Open File Report.

D. WELL CONSTRUCTION, OAR 690-200

D1. Well #: _____ Logid: _____

D2. THE WELL does not appear to meet current well construction standards based upon:

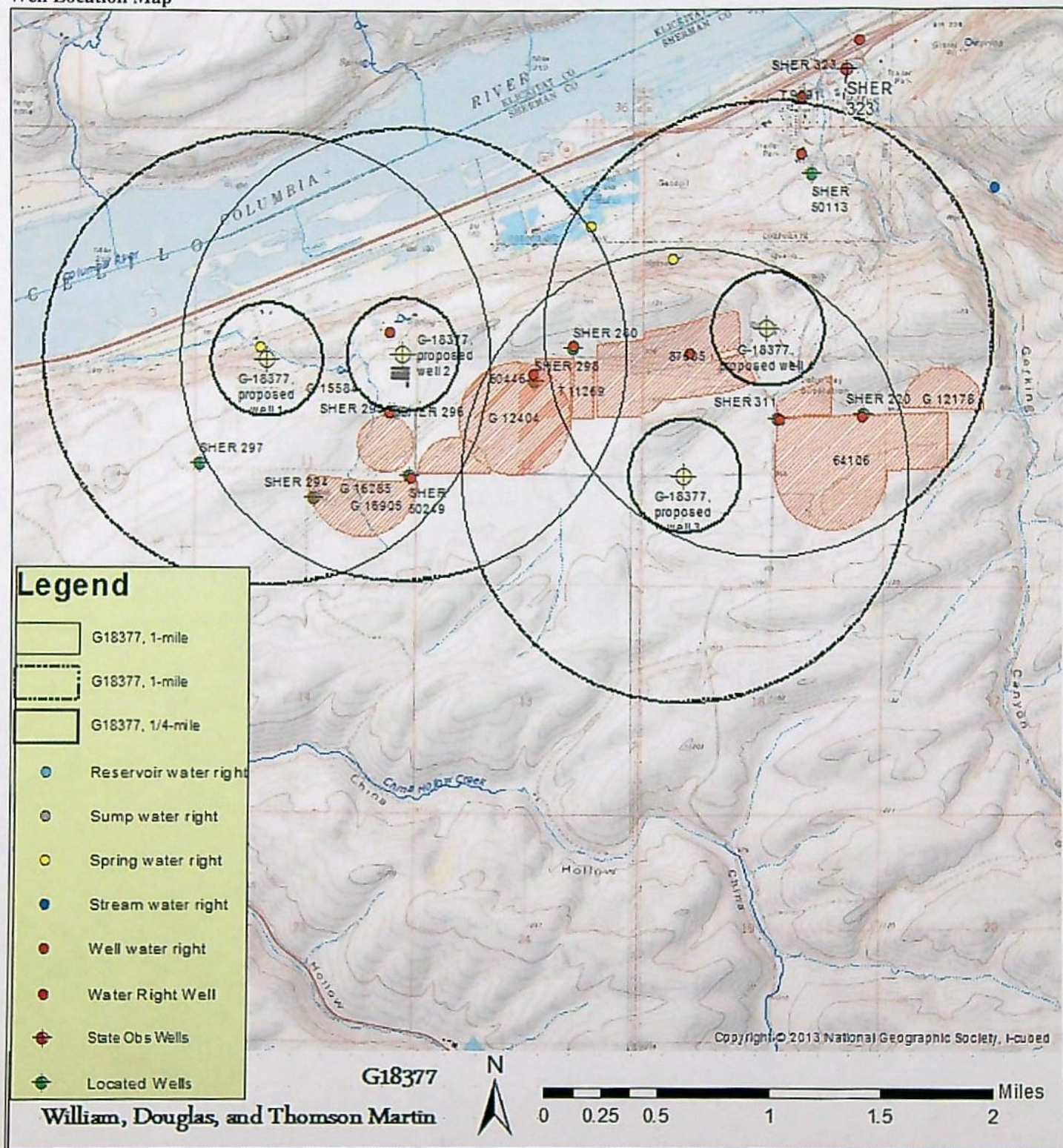
- a. ☐ review of the well log; _____ ;
b. ☐ field inspection by _____ ;
c. ☐ report of CWRE _____ ;
d. ☐ other: (specify) _____

D3. THE WELL construction deficiency or other comment is described as follows: _____

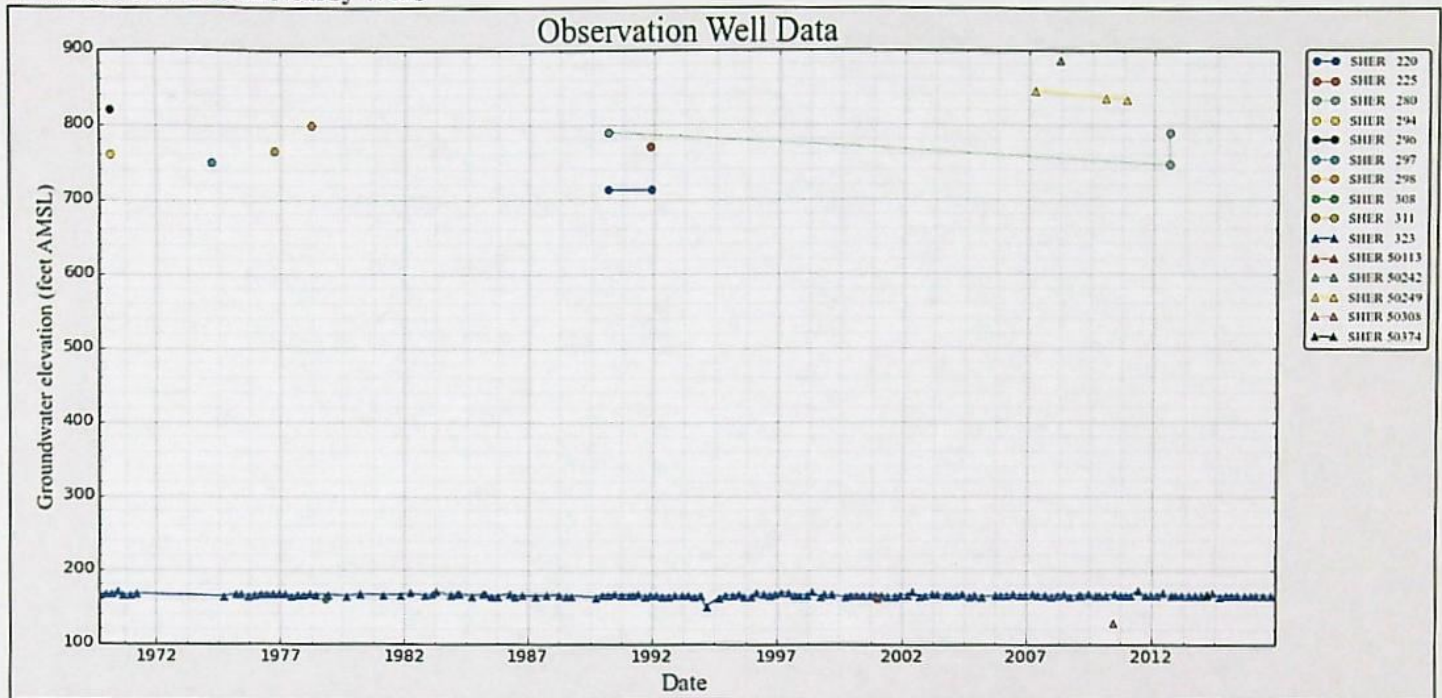
_____D4. ☐ Route to the Well Construction and Compliance Section for a review of existing well construction.

Water Availability Tables

Well Location Map



Water-Level Trends in Nearby Wells



MEMO

To: WRSD Technical Staff

From: Tim Wallin, Water Rights Program Manager

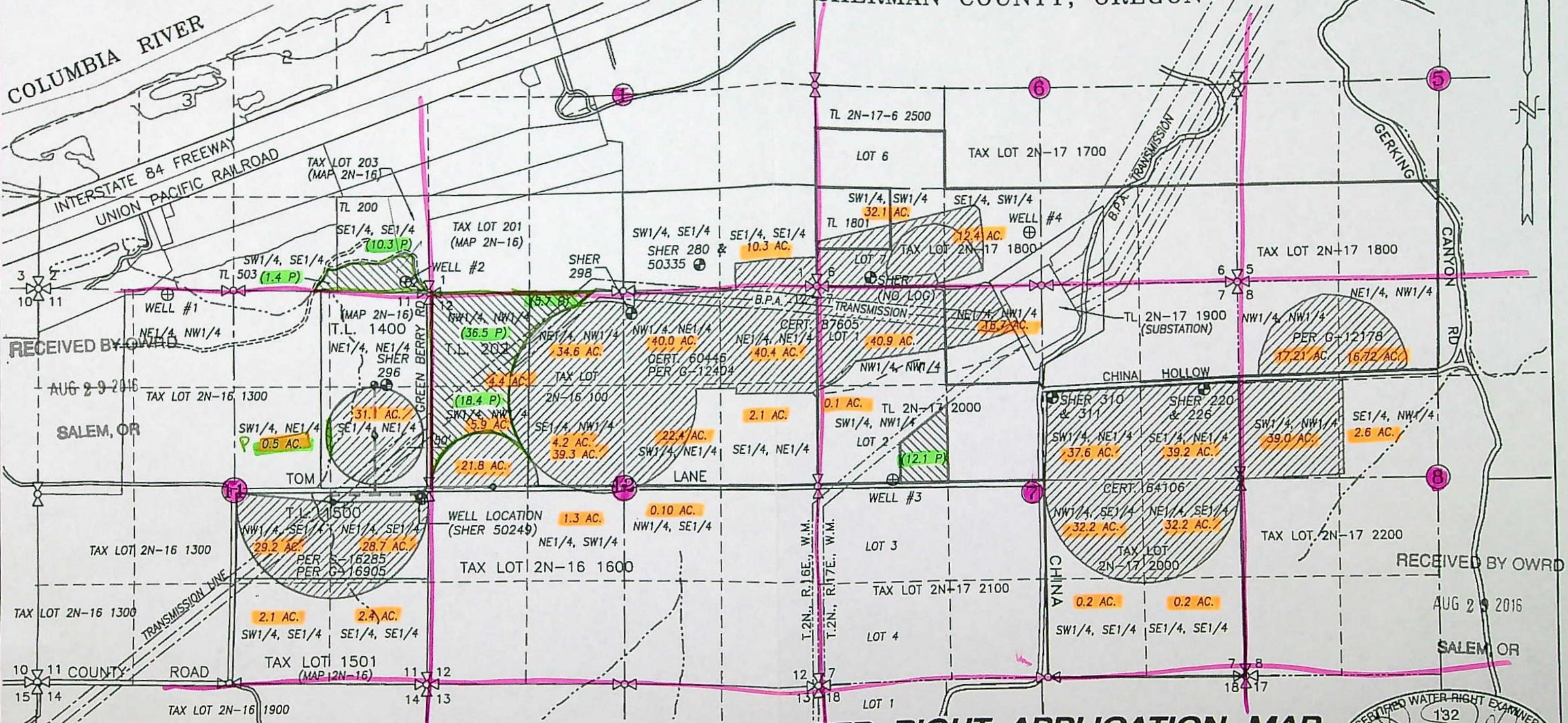
July 7, 2017

RE: Columbia Basin Rules (OAR 690-519) – When to use them

The classifications under the Columbia Basin rules (OAR 690-519) should be applied any time a point of diversion (POD) or point of appropriation (POA) is either directly on the Columbia River or has potential for substantial interference directly with the Columbia River.

If a POD/POA is on or affects a tributary of the Columbia River, the basin rules for the mapped basin should be applied. The only exception to this is if the POD/POA is on a slough (written as a tributary of the Columbia River), but has no outlet other than the Columbia River (see John Slough T8N R4W Sec 23 as an example).

SECTIONS 1, 2, 11, & 12, TWP.2 N. RANGE 16 E. AND SECTIONS 6, 7, & 8, TWP.2 N. RANGE 17 E. W.M.
SHERMAN COUNTY, OREGON



LEGEND:

- PRIMARY APPLICATION AREA
- SUPPLEMENTAL APPLICATION AREA
- IRRIGATION MAIN
- STREAM WITH DIRECTIONAL FLOW
- EXISTING WELLS (AS NOTED)
- PROPOSED WELL SITES (AS NUMBERED)

- ⊕ WELL #1: 65'S. & 1725' E. OF NW COR. SEC. 11, T.2N. R.16E. W.M.
- ⊕ WELL #2: 145'N. & 315' W. OF SE COR. SEC. 2, T.2N. R.16E. W.M.
- ⊕ WELL #3: 35'N. & 1040' E. OF THE W1/4 COR. SEC. 7, T.2N. R.17E. W.M.
- ⊕ WELL #4: 715'N. & 155' W. OF THE S1/4 COR. SEC. 6, T.2N. R.17E. W.M.

APPLICATION No. _____

PERMIT No. _____

IN THE NAME OF:

WILLIAM MARTIN

DATE: JULY 14, 2016

SCALE: 1" = 1320'



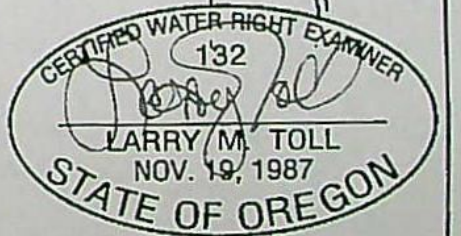
BY: **TENNESON ENGINEERING CORP.** NOTE:

3775 CRATES WAY
THE DALLES, OREGON. 97058
PH. 541-296-9177
FAX 541-296-6657



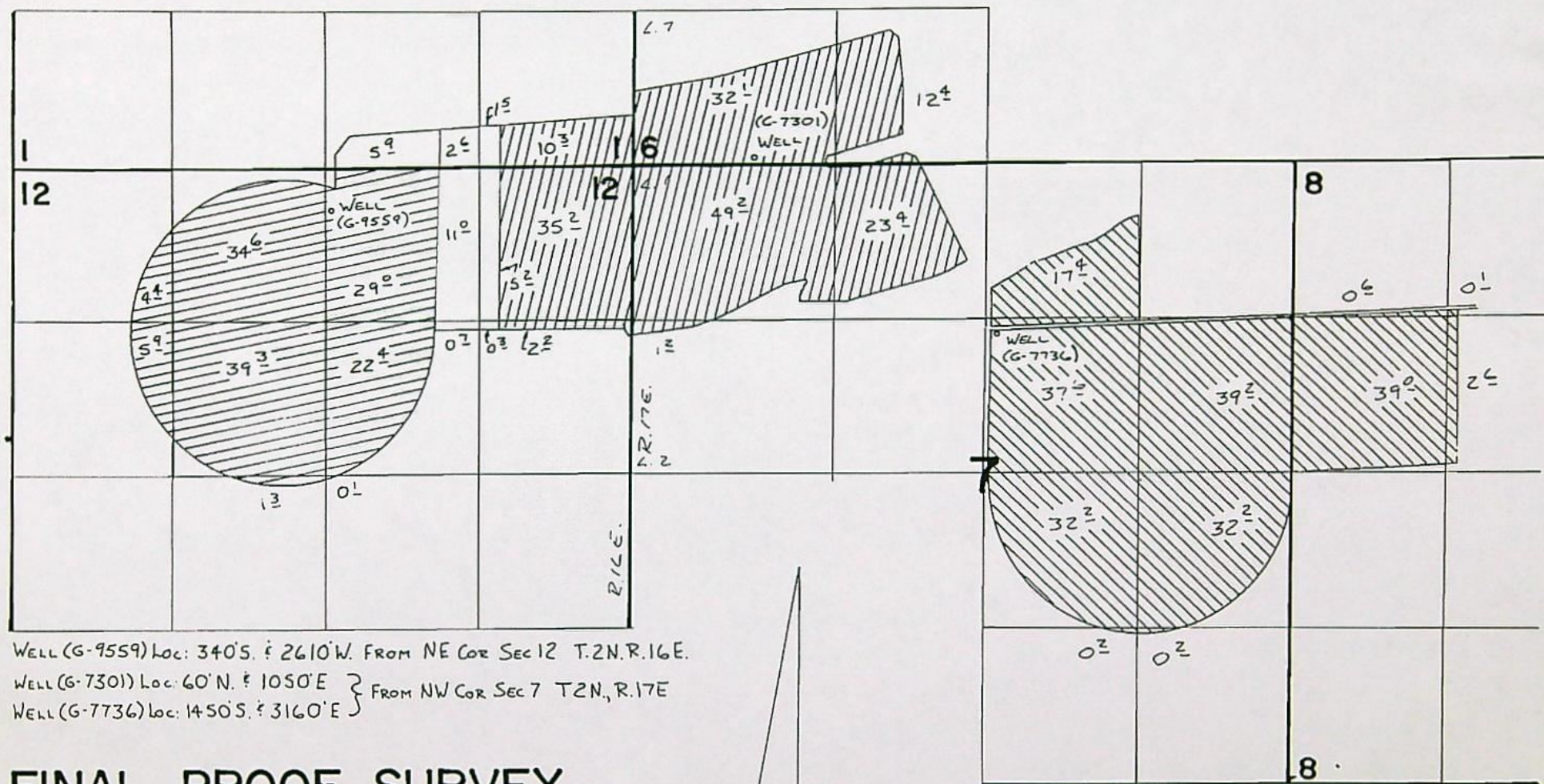
"THIS MAP IS NOT INTENDED TO PROVIDE DIMENSIONS OR LOCATIONS OF PROPERTY OWNERSHIP LINES."

W.O. #12508wr4



G-18377

T. 2N., R. 16 & 17E., W.M.



WELL (G-9559) Loc: 340'S. & 2610'W. FROM NE COR SEC 12 T.2N., R.16E.

WELL (G-7301) Loc: 60'N. & 1050'E. } FROM NW COR SEC 7 T.2N., R.17E

WELL (G-7736) Loc: 1450'S. & 3160'E. }

FINAL PROOF SURVEY UNDER

APPL. G-8393
G-7891
G-10048

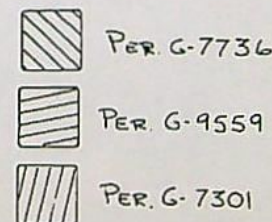
PER. G-7736
G-7301
G-9559

IN NAME OF

WILLIM F. & BARBARA B. MARTIN

SURVEYED 5-6 1985, by V.L. Church

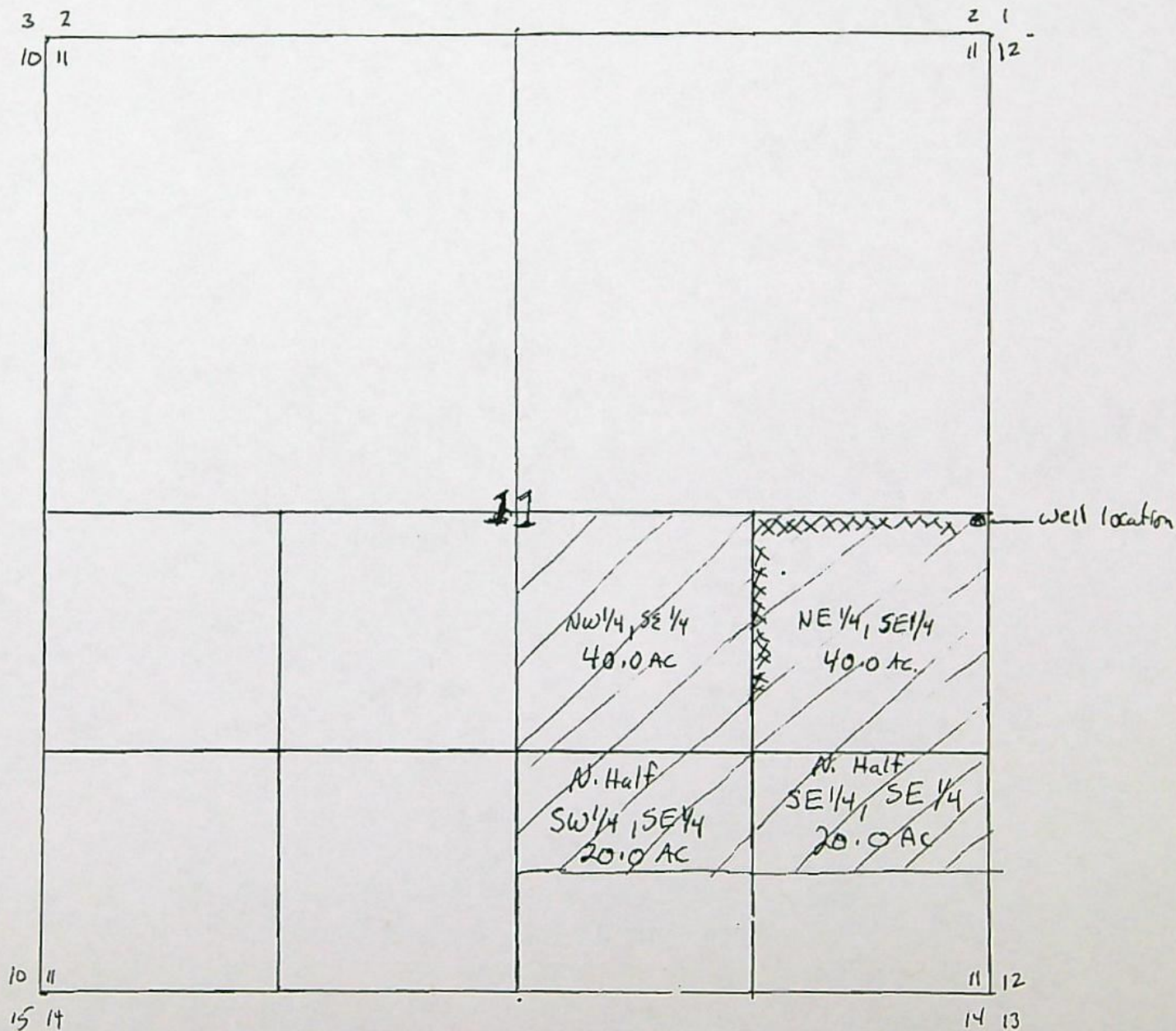
SCALE 1" = 1320'



Application for William, Douglas, Thomson Martindale

Section 11, T.2N, Range 16E W.M.
Sherman County Oregon

Tax Lot 1500 & 1501



Scale: 1" = 880'

⊗ proposed well: 52' S, 35' W from the East quarter corner of sec 11

 proposed application Area

xxxxxxx = proposed 6" mainline

App no G-16803

RECEIVED

FEB 22 2007

WATER RESOURCES DEPT
SALEM, OREGON

E-2

Standard Application Completeness Checklist

Minimum Requirements (OAR 690-310-0040)(ORS 537.400)

Yes ☒ No ☐

This is the checklist used by WRD staff

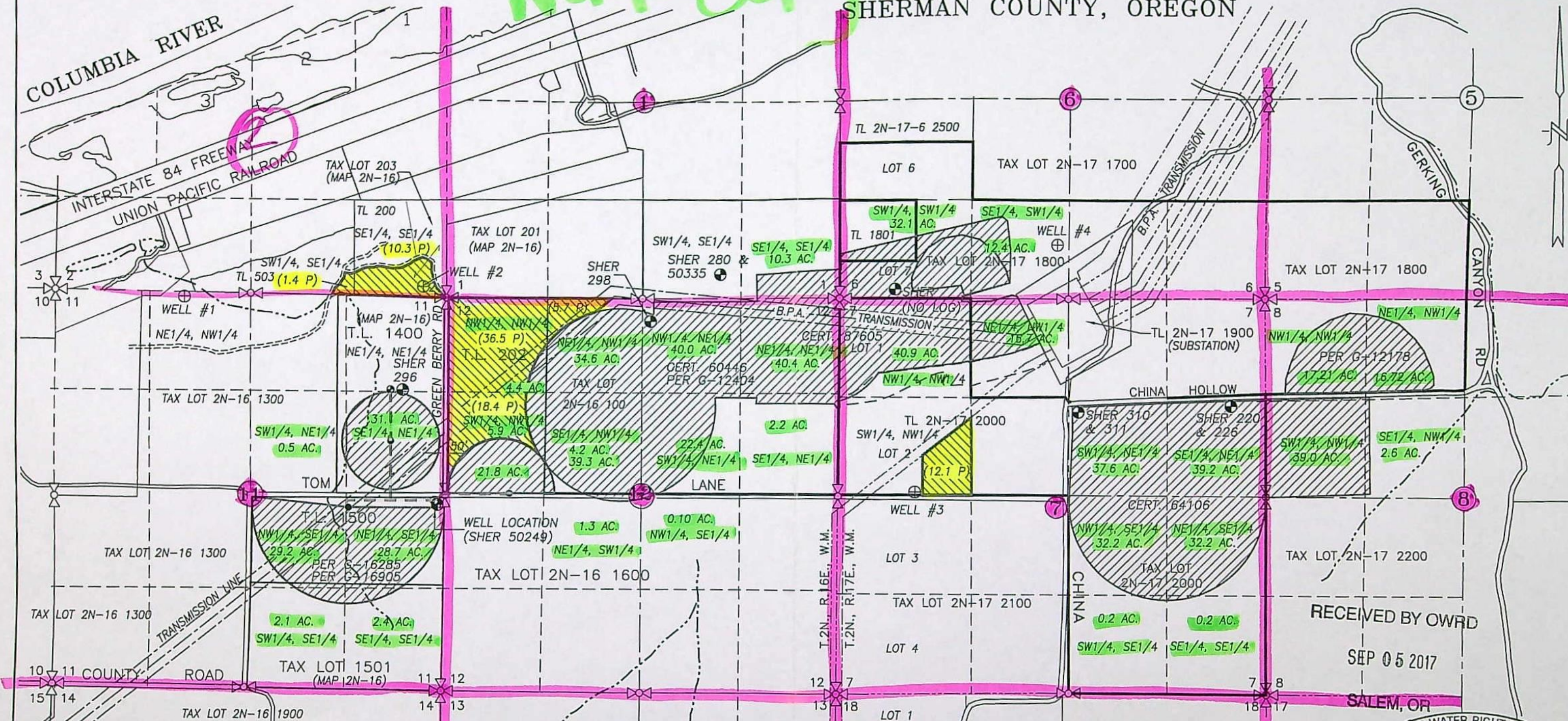
Application G-18377 County Sherman Priority Date 8-29-16
 Township 2N Range 16E Section 1, 2, 11 & 12 2N 17E 6, 7 & 8
 Amount 7.0 cfs Use IR & Supp WM Dist. # 3
 Applicant Name WILLIAM, DOUGLAS & THOMSON MARTIN
 Receipt No. 121096 Caseworker Assigned: ☐ Barbe ☐ Kim ☒ Lisa

☒ Contact info: Applicant/Organization Name and Mailing Address☒ Signature (in ink) of all applicants or the applicant's authorized agent (include title or authority if for an organization or corporation).☒ Property ownership: Does the applicant own all the land for the proposed project? Y / N

If No:

☐ The affected landowner's name and mailing address must be listed☐ A signed statement declaring the existence of either written authorization or an easement permitting access to land crossed by the proposed ditch canal or other work must be submitted.☒ For a SW Application: Source of water must be indicated.☐ If the source is stored water, is the stored water component filled out and does the applicant own the reservoir or include a non-expired agreement for stored water? (ORS 537.400)*NOTE: A surface water application cannot be filed at the same time as a Reservoir or Alt Reservoir if it will be for the use of the stored water under the PROPOSED Reservoir application, Exp. Secondary (E2).*☐ If for stored water not under contract, is the source authorized under a permit, certificate, or decree?Permit or Certificate issued? Y / N Permit or Certificate # _____☒ For a GW Application: Well Development Tables completed and/or a well log report included (if existing)*See note from MADC NORTON*☒ Proposed water use☒ Amount of water from each source in GPM, CFS, or AF☒ Period of use indicated☒ If for supplemental irrigation, primary acreage or underlying permit or certificate number listed ON MAP
(Primary and Supplemental Irrigation counts as 2 uses) *REDACTED*☒ Water Management Section (Estimates if the water system has not been designed)☒ Resource Protection Section (N/A for Groundwater)☒ For all standard reservoir applications: Preliminary plans and specifications including dam height, width, crest width and surface area for each reservoir.☒ Project schedule (If system is already completed, indicate "existing.")

SECTIONS 1, 2, 11, & 12, TWP.2 N. RANGE 16 E. AND SECTIONS 6, 7, & 8, TWP.2 N. RANGE 17 E. W.M. SHERMAN COUNTY, OREGON



LEGEND:

- PRIMARY APPLICATION AREA
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- ⊕ WELL #4: 715'N. & 155' W. OF THE S1/4 COR. SEC. 6, T.2N. R.17E. W.M.

WATER RIGHT APPLICATION MAP

APPLICATION No. G-18377
PERMIT No. _____

IN THE NAME OF:
WILLIAM MARTIN

DATE: JULY 14, 2016
AMENDED AUGUST 31, 2017

SCALE: 1" = 1320'

0' 660' 1320' 2640'

BY: **TENNESON ENGINEERING CORP.** NOTE:

3775 CRATES WAY
THE DALLES, OREGON. 97058
PH. 541-296-9177
FAX 541-296-6657



"THIS MAP IS NOT INTENDED TO PROVIDE DIMENSIONS OR LOCATIONS OF PROPERTY OWNERSHIP LINES."

W.O. #12508wr4

RECEIVED BY OWRD
SEP 05 2017
SALEM, OR



EXPIRES: 06/30/2018

G-18377

Oregon Water Resources Department

Water Right Services Division

Water Right Application G-18377 in the)
name of WILLIAM MARTIN, DOUGLAS) PROPOSED FINAL ORDER
MARTIN, AND THOMSON MARTIN)

Summary: The Department proposes to issue an order approving Application G-18377 and a permit consistent with the attached draft permit.

Authority

The application is being processed in accordance with Oregon Revised Statute (ORS) 537.615 through 537.628, and 390.826, and Oregon Administrative Rule (OAR) Chapter 690, Divisions 5, 8, 9, 33, 300, 310, 400, 410, and Deschutes Basin Program OAR 690-505. These statutes and rules can be viewed on the Oregon Water Resources website: <http://www.oregon.gov/owrd/pages/law/index.aspx>

The Department's main page is <http://www.oregon.gov/OWRD/pages/index.aspx>

The Department shall presume that a proposed groundwater use will ensure the preservation of the public welfare, safety and health as described in ORS 537.525 if:

- a) The proposed use is allowed in the applicable basin program established pursuant to ORS 536.300 and 536.340 or given a preference under ORS 536.310(12);
- b) Water is available;
- c) The proposed use will not injure other water rights; and
- d) The proposed use complies with the rules of the Commission. ORS 537.621(2); OAR 690-310-0150(2)(b)

All four criteria must be met for a proposed use to be presumed to ensure the preservation of the public welfare, safety and health. When the criteria are met and the presumption is established the Department must further evaluate the proposed use, any comments received information available in its files or received from other interested agencies and any other available information to determine whether the presumption is overcome. OAR 690-310-0140

If the Department determines that the presumption is established and not overcome, the Department shall issue a proposed final order recommending issuance of the permit subject to any appropriate modifications or conditions.

FINDINGS OF FACT

Application History

1. On August 29, 2016, William Martin, Douglas Martin, and Thomson Martin filed a complete application for the following water use:

Amount of Water: 7.0 cubic feet per second (CFS)

Use of Water: irrigation of 84.4 acres and supplemental irrigation of 640.13 acres

County: Sherman County

Location: within Sections 1, 2, 11, and 12; Township 2 North, Range 1 East, W.M. and Sections 6, 7, and 8; Township 2 North, Range 17 East, W.M.
Source of Water: Well 1, Well 2, Well 3, and Well 4 in Columbia River Basin

2. On August 18, 2017, the Department mailed the applicant notice of its Initial Review, determining that "The appropriation of 7.0 CFS of water from Well 1, Well 2, Well 3, and Well 4 in Columbia River Basin for primary irrigation of 84.9 acres not to exceed 1.06 CFS and supplemental irrigation of 639.53 acres not to exceed 7.0 CFS, is allowable during the full period requested, March 1 through October 31 of each year." The applicant did not notify the Department to stop processing the application within 14 days of that date.
3. On August 22, 2017, the Department gave public notice of the application in its weekly notice. The public notice included a request for comments, and information for interested persons about obtaining future notices and a copy of the Proposed Final Order.
4. On September 5, 2017 as requested in the Initial Review, the Department received an amended application map and amended pages 5 and 6 of the application clarifying the total number of acres for each use.

Presumption Criteria (a) - Consistency with Basin Program

5. The proposed use is allowed under the Deschutes Basin Program (OAR 690-505-0400). ORS 537.621(3)(b); OAR 690-310-0150(2)(b)

Presumption Criteria (b) - Water Availability

6. An assessment of groundwater availability has been completed by the Groundwater/Hydrology section. A copy of this assessment is in the file. Groundwater will likely be available within the capacity of the resource, and if properly conditioned (and if authorized), the proposed use of groundwater will avoid injury to existing groundwater rights. ORS 537.621(3)(c); OAR 690-310-0150(2)(c)

Presumption Criteria (c) - Injury Determination

7. The proposed use, if authorized, will not injure other water rights. ORS 537.621(3)(d); OAR 690-310-0150(2)(e)

Presumption Criteria (d) - Whether the use complies with rules of the Commission

8. Documentation has been submitted from the relevant land-use planning jurisdiction that indicates the proposed use is allowed outright. ORS 537.621(3)(b); OAR 690-310-0150(2)(b)
9. The proposed groundwater use is not within a designated critical groundwater area. ORS 537.620(4)(a), 537.621(3)(a); OAR 690-310-0150(2)(a)
10. The Department has determined that the proposed groundwater use will not have the potential for substantial interference with surface water. The Division 9 (Ground Water Interference with Surface Water) review is in the file and can be viewed on the Department's website. ORS 537.621(3)(b); OAR 690-009-0040(4)
11. The proposed use complies with rules of the Water Resources Commission not otherwise described above.

Determination of Presumption that a proposed groundwater use will ensure the preservation of the public welfare, safety and health

Based on the review of the presumption criteria (a)-(d) above, the presumption has been established. ORS 537.621(2); OAR 690-310-0150(2)(g)

Further evaluation of the proposed use

12. No comments were received by the close of the comment period. OAR 690-310-0140(3)(a)

Other Criteria and Requirements

13. The proposed use is not located within or above a state scenic waterway, as designated under ORS 390.826. 537.620(4)(a), 537.621(3)(a); OAR 690-310-0150(2)(a)
14. The amount requested, 7.0 CFS, is necessary for the proposed use. ORS 537.621(3)(c); OAR 690-310-0150(2)(d)
15. The applicant proposed to apply water when needed and use the most efficient method of water application for the crop being irrigated. These measures are adequate at this time. OAR 690-310-0150(2)(j)

CONCLUSION OF LAW

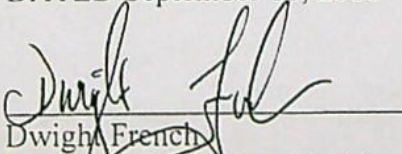
1. The proposed use would ensure the preservation of the public welfare, safety and health as described in ORS 537.525.

NOTE: When issuing permits, ORS 537.628(1) authorizes the Department to include limitations and conditions which have been determined necessary to protect the public welfare, safety and health. The attached draft permit is conditioned accordingly.

PROPOSED ORDER

The Department recommends approval of Application G-18377, and issuance of a permit consistent with the attached draft permit.

DATED September 11, 2018



Dwight French
Water Right Services Division Administrator, for
Thomas M. Byler, Director
Oregon Water Resources Department

Protests

Under the provisions of ORS 537.153(7) (for surface water) or ORS 537.621(8) (for groundwater), you can protest this Proposed Final Order. Protests must be received in the Water Resources Department no later than **October 26, 2018**. Protests must be in writing, and must include the following:

- Your name, address, and telephone number;
- A description of your interest in the Proposed Final Order, and, if you claim to represent the public interest, a precise statement of the public interest represented;
- A detailed description of how the action proposed in the Proposed Final Order would impair or be detrimental to your interest;
- A detailed description of how the Proposed Final Order is in error or deficient, and how to correct the alleged error or deficiency;
- Any citation of legal authority to support your protest, if known;
- To affect the department's determination that the proposed use in this application will, or will not, ensure the preservation of the public welfare, safety and health as described in ORS 537.525, ORS 537.621(2)(b) requires that a protest demonstrate, by a preponderance of evidence any of the following: (a) One or more of the criteria for establishing the presumption are, or are not, satisfied; or (b) The specific aspect of the public welfare, safety and health under ORS 537.525 that would be impaired or detrimentally affected, and specifically how the identified aspect of the public welfare, safety and health under ORS 537.525 would be impaired or be adversely affected;
- If you are the applicant, the protest fee of \$410 required by ORS 536.050; and
- If you are not the applicant, the protest fee of \$810 required by ORS 536.050 and proof of service of the protest upon the applicant.
- If you are the applicant, a statement of whether or not you are requesting a contested case hearing.

Requests for Standing

Under the provisions of ORS 537.153(7) (for surface water) or ORS 537.621(8) (for groundwater), persons other than the applicant who support a Proposed Final Order can request standing for purposes of participating in any contested case proceeding on the Proposed Final Order or for judicial review of a Final Order.

Requests for standing must be received in the Water Resources Department no later than **October 26, 2018**. Requests for standing must be in writing, and must include the following:

- The requester's name, mailing address and telephone number;
- If the requester is representing a group, association or other organization, the name, address and telephone number of the represented group;
- A statement that the requester supports the Proposed Final Order as issued;
- A detailed statement of how the requester would be harmed if the Proposed Final Order is modified; and
- A standing fee of \$230. If a hearing is scheduled, an additional fee of \$580 must be submitted along with a petition for party status.

After the protest period has ended, the Director will either issue a Final Order or schedule a contested case hearing. The contested case hearing will be scheduled only if a protest has been submitted and either:

- upon review of the issues, the director finds that there are significant disputes related to the proposed use of water, or
- the applicant requests a contested case hearing within 30 days after the close of the protest period.

If you do not request a hearing within 30 days after the close of the protest period, or if you withdraw a request for a hearing, notify the Department or the administrative law judge that you will not appear or fail to appear at a scheduled hearing, the Director may issue a Final Order by default. If the Director issues a Final Order by default, the Department designates the relevant portions of its files on this matter, including all materials that you have submitted relating to this matter, as the record for purpose of proving a prima facie case upon default.

You may be represented by an attorney at the hearing. Legal aid organizations may be able to assist a party with limited financial resources. Generally, partnerships, corporations, associations, governmental subdivisions or public or private organizations are represented by an attorney. However, consistent with OAR 690-002-0020 and OAR 137-003-0555, an agency representative may represent a partnership, corporation, association, governmental subdivision or public or private organization if the Department determines that appearance of a person by an authorized representative will not hinder the orderly and timely development of the record in this case.

Notice Regarding Service Members: Active duty service members have a right to stay proceedings under the federal Service Members Civil Relief Act. 50 U.S.C. App. §§501-597b. You may contact the Oregon State Bar or the Oregon Military Department for more information. The toll-free telephone number for the Oregon State Bar is: 1 (800) 452-8260. The toll-free telephone number of the Oregon Military Department is: 1 (800) 452-7500. The Internet address for the United States Armed Forces Legal Assistance Legal Services Locator website is: <http://legalassistance.law.af.mil>

- If you have any questions about statements contained in this document, please contact Lisa Graham at Elisabeth.A.Graham@oregon.gov or 503-986-0808.
 - If you have questions about how to file a protest or if you have previously filed a protest and you want to know the status, please contact Patricia McCarty at 503-986-0820.
 - If you have any questions about the Department or any of its programs, please contact our Water Resources Customer Service Group at 503-986-0801.
 - Address any correspondence to : Water Right Services Division
725 Summer St NE, Suite A
Salem, OR 97301-1266
- Fax: 503-986-0901

DRAFT

This is not a permit.

DRAFT

STATE OF OREGON

COUNTY OF SHERMAN

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS DRAFT PERMIT IS HEREBY ISSUED TO

WILLIAM MARTIN
DOUGLAS MARTIN
THOMSON MARTIN
PO BOX 201
RUFUS OR 97050

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

APPLICATION FILE NUMBER: G-18377

SOURCE OF WATER: WELL 1, WELL 2, WELL 3 AND WELL 4 IN COLUMBIA RIVER BASIN

PURPOSE OR USE: IRRIGATION OF 84.4 ACRES, SUPPLEMENTAL IRRIGATION OF 640.13 ACRES

MAXIMUM RATE: 7.0 CUBIC FEET PER SECOND, NOT TO EXCEED 1.06 CUBIC FEET PER SECOND FOR IRRIGATION AND 7.0 CUBIC FEET PER SECOND FOR SUPPLEMENTAL IRRIGATION

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: AUGUST 29, 2016

WELL LOCATION:

POA	Twp	Rng	Mer	Sec	Q-Q	Measured Distances
WELL 1	2 N	16 E	WM	11	NE NW	65 FEET SOUTH AND 1725 FEET EAST FROM NW CORNER, SECTION 11
WELL 2	2 N	16 E	WM	2	SE SE	145 FEET NORTH AND 315 FEET WEST FROM SE CORNER, SECTION 2
WELL 3	2 N	17 E	WM	7	SW NW	35 FEET NORTH AND 1040 FEET EAST FROM W1/4 CORNER, SECTION 7
WELL 4	2 N	17 E	WM	6	SE SW	715 FEET NORTH AND 155 FEET WEST FROM S1/4 CORNER, SECTION 6

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

SUPPLEMENTAL IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
2 N	16 E	WM	1	SE SE	10.3
2 N	16 E	WM	11	SW NE	0.5
2 N	16 E	WM	11	SE NE	31.1
2 N	16 E	WM	11	NE SE	28.7
2 N	16 E	WM	11	NW SE	29.2
2 N	16 E	WM	11	SW SE	2.1
2 N	16 E	WM	11	SE SE	2.4
2 N	16 E	WM	12	NE NE	40.4
2 N	16 E	WM	12	NW NE	40.0
2 N	16 E	WM	12	SW NE	22.4
2 N	16 E	WM	12	SE NE	2.2
2 N	16 E	WM	12	NE NW	34.6
2 N	16 E	WM	12	NW NW	4.4
2 N	16 E	WM	12	SW NW	27.7
2 N	16 E	WM	12	SE NW	43.5
2 N	16 E	WM	12	NE SW	1.3
2 N	16 E	WM	12	NW SE	0.1
2 N	17 E	WM	6	SW SW	32.1
2 N	17 E	WM	6	SE SW	12.4
2 N	17 E	WM	7	SW NE	37.6
2 N	17 E	WM	7	SE NE	39.2
2 N	17 E	WM	7	NE NW	16.7
2 N	17 E	WM	7	NW NW	40.9
2 N	17 E	WM	7	NE SE	32.2
2 N	17 E	WM	7	NW SE	32.2
2 N	17 E	WM	7	SW SE	0.2
2 N	17 E	WM	7	SE SE	0.2
2 N	17 E	WM	8	NE NW	16.72
2 N	17 E	WM	8	NW NW	17.21
2 N	17 E	WM	8	SW NW	39.0
2 N	17 E	WM	8	SE NW	2.6

PRIMARY IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
2 N	16 E	WM	2	SW SE	1.4
2 N	16 E	WM	2	SE SE	10.3
2 N	16 E	WM	12	NE NW	5.7
2 N	16 E	WM	12	NW NW	36.5
2 N	16 E	WM	12	SW NW	18.4
2 N	17 E	WM	7	SW NW	12.1

1. Measurement Devices, and Recording/Reporting of Annual Water Use Conditions:

- A. Before water use may begin under this permit, the permittee shall install a totalizing flow meter at each point of appropriation. The permittee shall maintain the device in good working order.

- B. The permittee shall allow the watermaster access to the device; provided however, where any device is located within a private structure, the watermaster shall request access upon reasonable notice.
- C. The permittee shall keep a complete record of the volume of water used each month, and shall submit an annual report which includes the recorded water-use measurements to the Department annually, or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water-use information, including the place and nature of use of water under the permit.
- D. The Director may provide an opportunity for the permittee to submit alternative measuring and reporting procedures for review and approval.

2. Annual Measurement Condition:

The Department requires the water user to obtain, from a qualified individual (see below), and report annual static water levels for each well on the permit. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

The permittee shall report an initial March static water-level measurement once well construction is complete and annual measurements thereafter. Annual measurements are required whether or not the well is used. The first annual measurement will establish a reference level against which future measurements will be compared. However, the Director may establish the reference level based on an analysis of other water-level data. The Director may require the user to obtain and report additional water levels each year if more data are needed to evaluate the aquifer system.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board. Measurements shall be submitted on forms provided by, or specified by, the Department. Measurements shall be made with equipment that is accurate to at least the standards specified in OAR 690-217-0045. The Department requires the individual performing the measurement to:

- A. Associate each measurement with an owner's well name or number and a Department well log ID; and
- B. Report water levels to at least the nearest tenth of a foot as depth-to-water below ground surface; and
- C. Specify the method of measurement; and
- D. Certify the accuracy of all measurements and calculations reported to the Department.

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

- A. Annual water-level measurements reveal an average water-level decline of three or more feet per year for five consecutive years; or
- B. Annual water-level measurements reveal a water-level decline of 15 or more feet in fewer than five consecutive years; or

- C. Annual water-level measurements reveal a water-level decline of 25 or more feet; or
- D. Hydraulic interference leads to a decline of 25 or more feet in any neighboring well with senior priority.

The period of restricted use shall continue until the water level rises above the decline level which triggered the action or the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or causing substantial interference with senior water rights. The water user shall not allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

3. Dedicated Measuring Tube Condition:

Each well with a pump shall be equipped with a dedicated 3/4-inch diameter (minimum) water-level measurement tube, separate from other methods of measuring the water levels such as airlines or transducers. The annual water-level measurement required in the permit shall be measured through the measuring tube.

4. Groundwater Conditions:

Groundwater production from Well 1 shall be allowed from no shallower than 550 feet below land surface.

Groundwater production from Well 2 shall be allowed from no shallower than 900 feet below land surface.

Groundwater production from Well 3 shall be allowed from no shallower than 1040 feet below land surface.

Groundwater production from Well 4 shall be allowed from no shallower than 970 feet below land surface.

Groundwater production in each well shall be limited to a single aquifer in the Columbia River Basalt Group. Each well shall be continuously cased and continuously sealed to within 100 feet of the bottom of the open borehole. A larger open interval may be approved by the Department if the permittee can demonstrate to the Departments' satisfaction, using packer tests or other suitable methods, that the hydraulic heads of water-bearing zones in the proposed open interval are equivalent or that the open interval is part of a continuous zone of interconnected porous materials.

Following well completion, the wells shall be thoroughly developed to remove cuttings and drilling fluids. A video log of each well shall be collected to demonstrate to the satisfaction of the Department that each well is only open to a single aquifer.

Drill cuttings shall be collected at the permitted wells and any test holes. Samples shall be collected at ten-foot intervals and at changes in lithology and shall be submitted to OWRD.

All hydrologic, geologic, geochemical and video data collected shall be provided to OWRD in report and in electronic form specified by the Department.

5. Well Identification Tag Condition:

Prior to using water from any well listed on this permit, the permittee shall ensure that the well has been assigned an OWRD Well Identification Number (Well ID tag), which shall be permanently attached to the well. The Well ID shall be used as a reference in any correspondence regarding the well, including any reports of water use, water level, or pump test data.

STANDARD CONDITIONS

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

If the number, location, source, or construction of any well deviates from that proposed in the permit application or required by permit conditions, this permit may be subject to cancellation, unless the Department authorizes the change in writing.

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

The well(s) shall be constructed and maintained in accordance with the General Standards for the Construction and Maintenance of Water Supply Wells in Oregon. The works shall be equipped with a usable access port adequate to determine water-level elevation in the well at all times.

If the riparian area is disturbed in the process of developing a point of appropriation, the permittee shall be responsible for restoration and enhancement of such riparian area in accordance with ODFW's Fish and Wildlife Habitat Mitigation Policy OAR 635-415. For purposes of mitigation, the ODFW Fish and Wildlife Habitat Mitigation Goals and Standards, OAR 635-415, shall be followed.

The use may be restricted if the quality of downstream waters decreases to the point that those waters no longer meet state or federal water quality standards due to reduced flows.

Where two or more water users agree among themselves as to the manner of rotation in the use of water and such agreement is placed in writing and filed by such water users with the watermaster, and such rotation system does not infringe upon such prior rights of any water user not a party to such rotation plan, the watermaster shall distribute the water according to such agreement.

Prior to receiving a certificate of water right, the permit holder shall submit to the Water Resources Department the results of a pump test meeting the Department's standards for each point of appropriation (well), unless an exemption has been obtained in writing under OAR 690-217. The Director may require water-level or pump-test data every ten years thereafter.

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

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

Construction of the well shall begin within five years of the date of permit issuance. The deadline to begin construction may not be extended. This permit is subject to cancellation proceedings if the construction deadline to begin is missed.

Complete application of the water shall be made within five years of the date of permit issuance. If beneficial use of permitted water has not been made before this date, the permittee may submit an application for extension of time, which may be approved based upon the merit of the application.

Within one year after making beneficial use of water, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner.

Issued

DRAFT - THIS IS NOT A PERMIT

Dwight French
Water Right Services Division Administrator, for
Thomas M. Byler, Director
Oregon Water Resources Department

Mailing List for PFO Copies

Application G-18377

PFO Date September 11, 2018

Original mailed via CERTIFIED MAIL to applicant:

WILLIAM MARTIN
DOUGLAS MARTIN
THOMSON MARTIN
PO BOX 201
RUFUS OR 97050

SENT VIA AUTO EMAIL:

1. WRD - Robert Wood - # 3

SENT VIA EMAIL:

2. WRD - Regional Manager: NCR
3. Agent - Larry Toll; LTOLL@tennesoneng.com

Copies sent to:

4. WRD - File # G-18377

Copies Mailed

By: TM
(SUPPORT STAFF)

on: 9/10/18
(DATE)

10/26/2018
Protest/ Standing Dates
checked

SPECIALIST: Lisa Graham

GRAHAM Elisabeth A * WRD

From: BOUCHIER Aurora C * WRD
Sent: Monday, August 27, 2018 3:09 PM
To: GRAHAM Elisabeth A * WRD
Subject: RE: G-18377 condition question

I also recall talking about this, but don't recall exactly what we decided. I guess I'd lean toward only mentioning it once, but it's your call.

From: GRAHAM Elisabeth A * WRD
Sent: Tuesday, July 03, 2018 9:13 AM
To: BOUCHIER Aurora C * WRD
Subject: G-18377 condition question

Hey Aurora,

I am finishing up the PFO for this app and it has been pointed out to me that the "Dedicated Measuring Tube Condition" is mentioned twice, just slightly different. See the attachment for how it will look in the Draft Permit.

I do not see that the two contradict themselves and do not see any issue with stating the information twice.

Let me know how'd you like me to proceed!

Cheers,

Lisa Graham | Water Right Application Specialist

Water Resources Department | 725 Summer St. NE, Suite A | Salem, Oregon 97301

Ph: 503 986-0808 | Fax: 503 986-0901

Email: Elisabeth.A.Graham@oregon.gov | Web: <http://www.wrd.state.or.us>

THINK

before you print

GRAHAM Elisabeth A * WRD

From: Larry Toll <Ltoll@tennesoneng.com>
Sent: Thursday, August 31, 2017 1:27 PM
To: GRAHAM Elisabeth A * WRD
Cc: William F martin
Subject: Application G-18377 (Martin)
Attachments: Spreadsheet adding acreage 8 31 2017.xlsx; 20170831120800284.pdf; 20170831131915589.pdf

Lisa,

The attached information is to clarify the total number of acres under this proposed application as requested in the Initial Review.

The 0.5 acres in the SW of NE of Section 11, had the incorrect cross hachuring. This is a supplemental right, not a primary. This is supplemental to Transfer 11027.

The 2.2 acres (Originally listed as 2.1 acres) in the SE NE Section 12, has been changed to match Certificate of Water Right 87605.

The 0.1 acre in SW NW Section 7 has been eliminated since this land does not show up on any water right. The center pivot is still there

Attached is an excel spreadsheet totaling the acreage. I come up with 84.4 acres of primary irrigation and 640.13 acres of supplemental irrigation. [I have no idea where I got 880.03 acres listed in the application.] With these changes there is 0.1 acre difference in your total from mine. I do not find anything to account for that difference. Let me know if I need to make another change somewhere.

I have also included scanned pages 5 and 6 that have been amended to show the correct acreage totals and amended the acre foot amount.

Also there is a scan of the Amended Application Map. I will sent you the original by mail. This is scaled for 11 X 17 paper if you print it out.

Let me know if you need some additional information.

Larry

Larry Toll, P.E., W.R.E.
Tennessee Engineering Corporation
3775 Crates Way
The Dalles, OR 97058
Telephone: 541-296-9177
Fax: 541-296-6657
E-mail: ltoll@tennesoneng.com

Primary Supp'l						Water Right	Acreage	
2N	16E	W	1	SE/SE	10.3	C 87605	10.3	
			2	SW/SE	1.4			
				SE/SE	10.3			
			11	SW/NE	0.5	T-11027	0.5	
				SE/NE	31.1	T-11027	31.1	
				NE/SE	28.7	T-11027	28.7	
				NW/SE	29.2	T-11027	29.2	
				SW/SE	2.1	T-11027	2.1	
				SE/SE	2.4	T-11027	2.4	
			12	NE/NE	40.4	35.2+5.2 T-11269, C 87605	40.4	5.2 + 35.2
				NW/NE	40	29.0+11.0 T-11269, C 60446	40	11 + 29
				SW/NE	22.4	C 60446	22.4	
				SE/NE	2.2	C 87605	2.2	
				NE/NW	5.7	C 60446	34.6	
				NW/NW	36.5	C 60446	4.4	
				SW/NW	18.4	5.9 + 21.8 C 60446, T-11027	27.7	5.9 + 21.8
				SE/NW	43.5	4.2 + 39.3 C 60446, T-11027	43.5	39.3 + 4.2
				NE/SW	1.3	C 60446	1.3	
				NW/SE	0.1	C 60446	0.1	
2N	17E	W	6	SW/SW	32.1	C 87605	32.1	
				SE/SW	12.4	C 87605	12.4	
			7	SW/NE	37.6	C 64106	37.6	
				SE/NE	39.2	C 64106	39.2	
				NE/NW	16.7	C 87605	16.7	
				NW/NW	40.9	C 87605	40.9	
				SW/NW	12.1			
				NE/SE	32.2	C 64106	32.2	
				NW/SE	32.2	C 64106	32.2	
				SW/SE	0.2	C 64106	0.2	
				SE/SE	0.2	C 64106	0.2	
			8	NE/NW	16.72	16.62+0.1 C 64106, P G-12178	16.72	0.1 + 16.62
				NW/NW	17.21	16.61+0.6 C 64106, P G-12178	17.21	0.6 + 16.61
				SW/NW	39	C 64106	39	
				SE/NW	2.6	C 64106	2.6	
TOTAL					84.4	640.13	640.13	



Oregon
Kate Brown, Governor

Water Resources Department
725 Summer St NE, Suite A
Salem, OR 97301
(503) 986-0900
Fax (503) 986-0904

August 18, 2017

WILLIAM MARTIN
DOUGLAS MARTIN
THOMSON MARTIN
PO BOX 201
RUFUS, OR 97050

Reference: File G-18377

Dear Applicant:

**THIS IS NOT A PERMIT AND IS
SUBJECT TO CHANGE AT THE NEXT PHASE OF PROCESSING.**

This letter is to inform you of the preliminary analysis of the water-use permit application and to describe the options. In determining whether an application may be approved, the Department must consider the factors listed below, all of which must be favorable to the proposed use if it is to be allowed. Based on the information supplied, the Oregon Water Resources Department (OWRD) has made the following preliminary determinations:

Initial Review Determinations:

1. The application proposed the appropriation of 7.0 cubic feet per second (CFS) of water from Well 1, Well 2, Well 3, and Well 4 in Columbia River Basin for irrigation of 84.9 acres and supplemental irrigation of 639.53 acres March 1 through October 31 of each year.
2. The proposed use is not prohibited by law or rule except where otherwise noted below.
3. The appropriation of water from Well 1, Well 2, Well 3, and Well 4 in Columbia River Basin is allowable under the Deschutes Basin Program (OAR 690-505-0400).
4. Groundwater will likely be available within the capacity of the resource, and if properly conditioned, the proposed use of groundwater will avoid injury to existing groundwater rights.
5. The Department has determined, based upon OAR 690-009, that the proposed groundwater use will not have the potential for substantial interference with any surface water source.

6. The application indicated primary irrigation of 84.4 acres and supplemental irrigation of 880.03 acres, however the map indicated primary irrigation of 84.9 acres and supplemental irrigation of 639.53 acres. Please clarify the total number of acres, and provide a revised map if appropriate by Thursday, September 21, 2017. If you need additional time, you may send a written request for up to 180 days. If we do not receive clarification and/or a revised map or a hold request by this date, the Department will proceed with the acreage shown on the map.

Summary of Initial Determinations

The appropriation of 7.0 CFS of water from Well 1, Well 2, Well 3, and Well 4 in Columbia River Basin for primary irrigation of 84.9 acres not to exceed 1.06 CFS and supplemental irrigation of 639.53 acres not to exceed 7.0 CFS, is allowable during the full period requested, March 1 through October 31 of each year.

Because of these favorable determinations, the Department can now move the application to the next phase of the water-rights application review process, where public interest factors will be evaluated.

Please reference the application number when sending any correspondence regarding the conclusions of this initial review. Comments received within the comment period will be evaluated at the next phase of the process.

To Proceed With the Application:

If you choose to proceed with the application, you do not have to notify the Department. The application will automatically be placed on the Department's Public Notice to allow others the opportunity to comment. After the comment period the Department will complete a public interest review and issue a Proposed Final Order.

Withdrawal Refunds:

If you choose not to proceed, you may withdraw the application and receive a refund (minus a \$225 processing charge per application). To accomplish this you must notify the Department in writing by **Friday, September 1, 2017**. For your convenience you may use the enclosed "STOP PROCESSING" form.

If A Permit Is Issued It Will Likely Include The Following Conditions:

1. Measurement Devices, and Recording/Reporting of Annual Water Use Conditions
 - A. Before water use may begin under this permit, the permittee shall install a totalizing flow meter at each point of appropriation. The permittee shall maintain the device in good working order.
 - B. The permittee shall allow the watermaster access to the device; provided however, where any device is located within a private structure, the watermaster shall request access upon reasonable notice.
 - C. The permittee shall keep a complete record of the volume of water diverted each month, and shall submit a report which includes water-use measurements to the

Department annually, or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water-use information, including the place and nature of use of water under the permit.

- D. The Director may provide an opportunity for the permittee to submit alternative measuring and reporting procedures for review and approval.

2. Static Water Level Conditions:

The Department requires the water user to obtain, from a qualified individual (see below), and report annual static water levels for each well on the permit. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

The permittee shall report an initial March static water-level measurement once well construction is complete and annual measurements thereafter. Annual measurements are required whether or not the well is used. The first annual measurement will establish a reference level against which future measurements will be compared. However, the Director may establish the reference level based on an analysis of other water-level data. The Director may require the user to obtain and report additional water levels each year if more data are needed to evaluate the aquifer system.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board. Measurements shall be submitted on forms provided by, or specified by, the Department. Measurements shall be made with equipment that is accurate to at least the standards specified in OAR 690-217-0045. The Department requires the individual performing the measurement to:

- A. Associate each measurement with an owner's well name or number and a Department well log ID; and
- B. Report water levels to at least the nearest tenth of a foot as depth-to-water below ground surface; and
- C. Specify the method of measurement; and
- D. Certify the accuracy of all measurements and calculations reported to the Department.

The Department may require the discontinuance of groundwater use, or reduce the rate or volume of withdrawal, from the well(s) if any of the following events occur:

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

The period of restricted use shall continue until the water level rises above the decline level which triggered the action or the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer

in question can sustain the observed declines without adversely impacting the resource or causing substantial interference with senior water rights. The water user shall not allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

3. Dedicated Measuring Tube Condition

Wells with pumps shall be equipped with a minimum 3/4-inch diameter, unobstructed, dedicated measuring tube pursuant to figure 200-5 in OAR 690-200. If a pump has been installed prior to the issuance of this permit, and if static water levels and pumping levels can be measured using an electrical tape, then the installation of the measuring tube can be delayed until such time that water levels cannot be measured or the pump is repaired or replaced.

4. Groundwater Conditions

Based on the best available information, at the proposed location Well 1 will likely need to be approximately 550 feet (minimum) in total depth; Well 2 will likely need to be approximately 900 feet (minimum) in total depth; Well 3 will likely need to be approximately 1040 feet (minimum) in total depth; and Well 4 will likely need to be approximately 970 feet (minimum) in total depth.

Groundwater production in each well shall be limited to a single aquifer in the Columbia River Basalt Group. Each well shall be continuously cased and continuously sealed to within 100 feet of the bottom of the open borehole. A larger open interval may be approved by the Department if the permittee can demonstrate to the Department's satisfaction, using packer tests or other suitable methods, that the hydraulic heads of water-bearing zones in the proposed open interval are equivalent or that the open interval is part of a continuous zone of interconnected porous materials. Following well completion, the wells shall be thoroughly developed to remove cuttings and drilling fluids. A video log of each well shall be collected to demonstrate to the satisfaction of the Department that each well is only open to a single aquifer.

Each well with a pump shall be equipped with a dedicated 3/4-inch diameter (minimum) water-level measurement tube, separate from other methods of measuring the water levels such as airlines or transducers. The annual water-level measurement required in the permit shall be measured through the measuring tube.

Drill cuttings shall be collected at the permitted wells and any test holes. Samples shall be collected at ten-foot intervals and at changes in lithology and shall be submitted to OWRD.

All hydrologic, geologic, geochemical and video data collected shall be provided to OWRD in report and in electronic form specified by the Department.

5. Well Identification Tag Condition

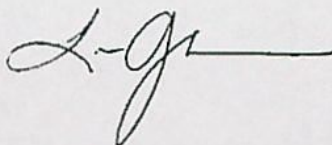
Prior to using water from any well listed on this permit, the permittee shall ensure that the well has been assigned an OWRD Well Identification Number (Well ID tag), which shall be permanently attached to the well. The Well ID shall be used as a reference in any correspondence regarding the well, including any reports of water use, water level, or pump test data.

The water source identified in the application may be affected by an Agricultural Water Quality Management Area Plan. These plans are developed by the Oregon Department of Agriculture (ODA) with the cooperation of local landowners and other interested stakeholders, and help to ensure that current and new appropriations of water are done in a way that does not adversely harm the environment. You are encouraged to explore ODA's Water Quality Program web site at <http://www.oregon.gov/ODA/programs/NaturalResources/Pages/AgWaterQuality.aspx> to learn more about the plans and how they may affect the proposed water use.

If you have any questions:

Feel free to call me at 503-986-0808 if you have any questions regarding the contents of this letter or the application. Please have the application number available if you call. General questions about water rights and water use permits should be directed to our customer service staff at 503-986-0801. When corresponding by mail, please use this address: Lisa Graham, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1266. Our fax number is 503-986-0901.

Sincerely,

A handwritten signature in black ink, appearing to read 'L. Graham', followed by a horizontal line.

Lisa Graham
Water Right Application Specialist

enclosures: Application Process Description and Stop Processing Request Form

G-18377
WAB 5-No PSI
POU 5-No PSI
GW

APPLICATION FACT SHEET

Application File Number: G-18377

Applicant: WILLIAM MARTIN, DOUGLAS MARTIN, AND THOMSON MARTIN

County: SHERMAN

Watermaster: 3

Priority Date: AUGUST 29, 2016

Source: WELL 1, WELL 2, WELL 3, AND WELL 4 IN COLUMBIA RIVER BASIN

Use: IRRIGATION OF 84.9 ACRES; SUPPLEMENTAL IRRIGATION OF 639.53 ACRES

Quantity: 7.0 CUBIC FEET PER SECOND

Basin Name & Number: Deschutes, #5

Stream Index Reference: Volume 3 COLUMBIA R & MISC

Well Locations:

WELL 1: NENW SECTION 11, T2N, R16E, W.M.; 65 FEET SOUTH AND 1725 FEET EAST FROM NW CORNER, SECTION 11

WELL 2: SESE SECTION 2, T2N, R16E, W.M.; 145 FEET NORTH AND 315 FEET WEST FROM SE CORNER, SECTION 2

WELL 3: SWNW SECTION 7, T2N, R17E, W.M.; 35 FEET NORTH AND 1040 FEET EAST FROM W1/4 CORNER, SECTION 7

WELL 4: SESW SECTION 6, T2N, R17E, W.M.; 715 FEET NORTH AND 155 FEET WEST FROM S1/4 CORNER, SECTION 6

Place of Use:

	<u>QQ</u>	<u>IRRIGATION</u>	<u>SUPPLEMENTAL IRRIGATION</u>
SE ¼ SE ¼			10.3 ACRES
		SECTION 1	
SW ¼ SE ¼		1.4 ACRES	
SE ¼ SE ¼		10.3 ACRES	
		SECTION 2	
SW ¼ NE ¼		0.5 ACRE	
SE ¼ NE ¼			31.0 ACRES
NE ¼ SE ¼			28.7 ACRES
NW ¼ SE ¼			29.2 ACRES
SW ¼ SE ¼			2.1 ACRES
SE ¼ SE ¼			2.4 ACRES
		SECTION 11	

	<u>IRRIGATION</u>	<u>SUPPLEMENTAL IRRIGATION</u>
NE ¼ NE ¼		40.4 ACRES
NW ¼ NE ¼		40.0 ACRES
SW ¼ NE ¼		22.4 ACRES
SE ¼ NE ¼		2.1 ACRES
NE ¼ NW ¼	5.7 ACRES	34.6 ACRES
NW ¼ NW ¼	36.5 ACRES	4.4 ACRES
SW ¼ NW ¼	18.4 ACRES	27.7 ACRES
SE ¼ NW ¼		43.5 ACRES
NE ¼ SW ¼		1.3 ACRES
NW ¼ SE ¼		0.1 ACRES

SECTION 12

TOWNSHIP 2 NORTH, RANGE 16 EAST, W.M.

SW ¼ SW ¼	32.1 ACRES
SE ¼ SW ¼	12.4 ACRES

SECTION 6

SW ¼ NE ¼	37.6 ACRES
SE ¼ NE ¼	39.2 ACRES
NE ¼ NW ¼	16.7 ACRES
NW ¼ NW ¼	40.9 ACRES
SW ¼ NW ¼	12.1 ACRES
NE ¼ SE ¼	32.2 ACRES
NW ¼ SE ¼	32.2 ACRES
SW ¼ SE ¼	0.2 ACRES
SE ¼ SE ¼	0.2 ACRES

SECTION 7

NW ¼ NW ¼	17.21 ACRES
NW ¼ NW ¼	16.72 ACRES
SW ¼ NW ¼	39.0 ACRES
SE ¼ NW ¼	2.6 ACRES

SECTION 8

TOWNSHIP 2 NORTH, RANGE 17 EAST, W.M.

14 DAY STOP PROCESSING DEADLINE DATE: Friday, September 1, 2017

PUBLIC NOTICE DATE: Tuesday, August 22, 2017

30 DAY COMMENT DEADLINE DATE: Thursday, September 21, 2017

APPLICATION PROCESS DESCRIPTION FOR GROUNDWATER, SURFACE WATER AND REGULAR RESERVOIR APPLICATIONS

In order to take and use the waters of Oregon, a citizen must first obtain a permit from the Water Resources Department. The water must be used for beneficial purpose - without waste. To become well-informed about water right topics, weekly public notice, forms and fees please visit our web site at www.wrd.state.or.us

1. Pre-application considerations

- follow instructions in the application packet
- if you have questions about completing an application or would like to arrange a pre-application conference contact the Department's Water Rights Information Group (WRIG) at 503-986-0801

2. Application filing

- application with fee is received by the Department
- Department determines completeness of application
- if use is not allowed by statute (ORS 538), the application and fees are returned to the applicant
- incomplete application and fees are returned to the applicant
- only a complete application receives a tentative priority date, is assigned a caseworker, and moves forward for processing

3. Initial Review (IR)

- caseworker reviews application by considering basin plans, water availability, statutory restrictions and all other appropriate factors
- caseworker sends IR report to applicant
- contact the caseworker if you have questions about the IR
- seven days after date of the IR, it is included in Department's weekly Public Notice
- public comments must be submitted within 30 days after the Public Notice
- administrative hold may be requested in writing by applicant

4. Proposed Final Order (PFO)

- caseworker evaluates application against required criteria and develops draft permit, if appropriate
- PFO includes instructions for filing of protests
- caseworker considers public comments and mails PFO to applicant
- the PFO is included in Department's weekly Public Notice
- public protests to the PFO must be submitted within 45 days after the Public Notice

Stop Processing deadline is within 14 days of Initial Review - use the form below - applicant may request no further action and fee refund of all but \$225
--

STOP PROCESSING REQUEST FOR GROUNDWATER, SURFACE WATER AND REGULAR RESERVOIR APPLICATIONS

Applicant notification to withdraw Water Right Application # _____

After reviewing the Initial Review for my application, I request that processing be stopped and the fees be refunded (minus a \$225 examination fee.) I understand that without a valid permit I may not legally use the water as requested in my application

Signature _____ date _____

Signature _____ date _____

Under ORS 537.150 (5) and 537.620 (5) timely submission of this request authorizes that the water right application process be stopped and all filing fees (except \$225 examination fee) be returned.

This notice must be received at Water Resources Department by _____

Return the notice to: OWRD, Water Rights Division

STOP PROCESSING

725 Summer Street, NE - Suite A

Salem OR 97301-1271

5. *Final Order (FO)*

- if no protest is filed, Final Order is issued

The protest process

If one or more protests are filed, permit process consists of:

- settlement discussion
- contested case hearing
- proposed order
- period of time to file exceptions
- possible hearing by Water Resources Commission
- final order issued

Permit holder responsibilities

- comply with all water use conditions of the permit
- advise Department of address change or assignment to new permit holder
- if need arises, request extension of time or authorize cancellation of permit
- submit timely claim of beneficial use (COBU) to Department
- most permits require COBU to be prepared by a Certified Water Right Examiner
- permits may be canceled by the permit holder or by the Department for failure to comply with or one or more permit conditions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

G-18377

William, Douglas, and Thomson Martin
PO Box 201
Rufus, OR 97050



9590 9402 2628 6336 8323 86

2. Article Number (Transfer from service label)

7016 0340 0000 0163 8047

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

Bill Martin

☐ Agent☐ Addressee

B. Received by (Printed Name)

Bill Martin

C. Date of Delivery

08/21/17

D. Is delivery address different from item 1?

☐ Yes

If YES, enter delivery address below:

☒ No

RECEIVED

3. Service Type

☐ Adult Signature☐ Adult Signature Restricted Delivery☐ Certified Mail®☐ Certified Mail Restricted Delivery☐ Collect on Delivery☐ Collect on Delivery Restricted Delivery☐ Insured Mail☐ Insured Mail Restricted Delivery (over \$500)☐ Priority Mail® Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery

AUG 23 2017

OWNED

USPS TRACKING #



9590 9402 2628 6336 8323 86

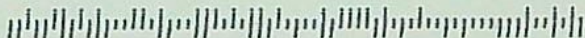


First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

United States
Postal Service

• Sender: Please print your name, address, and ZIP+4® in this box•

Oregon Water Resources Department
725 Summer St NE, STE A
Salem, OR 97301



Mailing List for IR Copies

Application #G-18377

IR Date: August 18, 2017

Original and map mailed to applicant:

WILLIAM MARTIN
DOUGLAS MARTIN
THOMSON MARTIN
PO BOX 201
RUFUS, OR 97050

SENT VIA EMAIL:

1. WRD - Watermaster # 3
2. Agent: Larry Toll; LTOLL@tennesoneng.com

IR, Map, and Fact Sheet Copies sent to:

2. WRD - File # G-18377
3. WRD - Regional Manager: NCR
4. Department of Agriculture

Caseworker: Lisa Graham

Copies Mailed
By: <u>SP</u>
(SUPPORT STAFF)
on: <u>8-18-17</u>
(DATE)

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

SECTION 1: APPLICANT INFORMATION AND SIGNATURE

Applicant Information

NAME WILLIAM, DOUGLAS, AND THOMSON MARTIN		PHONE (HM)	
PHONE (WK)	CELL 541-980-5979	FAX	
ADDRESS PO BOX 201			
CITY RUFUS	STATE OR	ZIP 97050	E-MAIL*

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

AGENT / BUSINESS NAME TENNESON ENGINEERING CORP ATTN:LARRY TOLL		PHONE 541-296-9177	FAX 541-296-6657
ADDRESS 3775 CRATES WAY			CELL
CITY THE DALLES	STATE OR	ZIP 97058	E-MAIL* LTOLL@TENNESONENG.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.)

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.

William Martin
Applicant Signature
Douglas Martin
Applicant Signature
Thomson Martin
Applicant Signature

William Martin
Print Name and title if applicable

Douglas Martin
Print Name and title if applicable

Thomson Martin
Print Name and title if applicable

8-17-16
Date

8-17-16
Date

8-17-16
Date

For Department Use		
App. No. <u>Q-18377</u>	Permit No. _____	Date _____

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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*).

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	Columbia River (Celilo Pool)	1530 feet	240 feet
Well #2	Columbia River (Celilo Pool)	2900 feet	640 feet
Well #3	Columbia River (Celilo Pool)	8200 feet	960 feet
Well #4	Columbia River (Celilo Pool)	5320 feet	700 feet

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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*).

At this time we are not sure how deep these wells will be constructed. The parameters so far are that we will drill deeper than our existing wells. We do not wish to appropriate the water bearing zone that these wells use.

Beyond that we will propose to drill until we find a water bearing zone that has a volume of water suitable for irrigation purposes. If we were to get enough water from 1, or 2, or 3 wells, then the remaining well(s) would not be drilled. We are looking a volume of water and when that is reached, we would quit drilling more wells.

We expect there will be drilling conditions placed by OWRD and we look to OWRD for assistance in getting to aquifers that are permit able. We have been informed of probable conditions and issues. See Marc Norton email dated 9/5/2013

We also realize that there is the possibility that we will not find water to reach our goal.

SECTION 3: WELL DEVELOPMENT, CONTINUED

Total maximum rate requested: 7.0 cfs being 7.0 from each of the 4 wells limited to a maximum overall pumping rate of 7.0 cfs from all wells (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	☒	☐		☐							> 550' to 600'#	3141.6^	2173.6^
Well #2	☒	☐		☐							> 550' to 600'#	3141.6^	2173.6^
Well #3	☒	☐		☐							> 550' to 600'#	3141.6^	2173.6^
Well #4	☒	☐		☐							> 550' to 600'#	3141.6^	2173.6^

#Minimum distance based on Marc Norton memo, Wells will be as deep as needed to find water and not conflict with OWRD conditions

^This is the total amount requested, and if multiple wells end up being drilled, the Total being pumped at any one time would not exceed 7.0 cfs and the total amount pumped under this permit would not exceed 2173.6 Ac ft minus whatever is pumped under the existing primary water rights.

* 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 to October 31	253.2
Supplemental Irrigation	March 1 to October 31	2173.6 [^]

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: 84.4 Acres Supplemental: 640.13 Acres

List the Permit or Certificate number of the underlying primary water right(s): See attached list of water rights

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: 2173.6[^] from all water rights

- 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): Since we do not even know if we will find water and how much no system has been designed yet. To pump 7 cfs from 600 would take about 1200 hp made up of submersible or turbine well pumps and centrifugal booster pumps.

☐ Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. The basic system is in place right now for the irrigation of 640.13 acres from existing water rights. Pipelines to connect wells to this system will all that is needed.

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler) Center pivots, wheel lines and some handlines

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.

pivots and flow meters

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: _____ Acreage inundated by reservoir: _____

Use(s): _____

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

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

SECTION 8: PROJECT SCHEDULE

Date construction will begin: 10/1/2017

Date construction will be completed: 10/1/2022

Date beneficial water use will begin: 10/1/2022

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*).

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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.wrd.state.or.us

Applicant: William
First

Martin
Last

Mailing Address: PO Box 201

Rufus

City

OR

State

97050

Zip

Daytime Phone: _____

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:
2N	16E	1, 2, 11, 12			See Map <i>F-1</i>	☒ Diverted	☒ Conveyed	☒ Used	Irrigation
2N	17E	6, 7, 8			See Map <i>F-1</i>	☒ Diverted	☒ Conveyed	☒ Used	Irrigation
						☐ Diverted	☐ Conveyed	☐ Used	

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

Sherman County

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B. Description of Proposed Use

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

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

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

Estimated quantity of water needed: 7 ☒ 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:

Propose to drill up to 4 wells to use for 84.4 acres of irrigation on new land and 880.03 acres of supplemental Irrigation on existing irrigated land.

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): 3.1.
- ☐ 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:	
<u>Permitted Use</u>	<u>Section 3.1 (a)</u>	☒ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ 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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Georgia L. Macnab
 Name: _____ Title: Sherman County Planning Director
 Signature: Georgia L. Macnab Phone: 541-565-3601 Date: 8-19-14
 Government Entity: Sherman 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: Sherman Staff contact: Georgia L. Macnab

Signature: Georgia L. Macnab Phone: 541-565-3601 Date: 8-19-14

Larry Toll

From: Larry Toll
Sent: Thursday, September 05, 2013 2:41 PM
To: 'Bill Martin'
Subject: FW: GW application questions
Attachments: 20130905143907820.pdf

Bill,

Here is a response from Marc Norton, Hydro geologist for OWRD concerning your information request on drilling new wells. (See Below)

In Marc's email he listed water right Application G-17505. This should have been Application G-17506. I have attached a copy of that water right with the major conditions highlighted.

The items are general responses that might become more specific depending on how a filing for water rights is made. The only concern I immediately see is that you well #1 and #2 options are clearly within a 1 mile of the Columbia River therefore would be analyzed very closely. Well #3 is beyond the 1 mile range. Well #4 is about 1 mile from the river.

Also item #5 includes the concern all around the region and that is on declining water levels upon putting wells into production.

Questions?

Larry

Larry Toll, P.E., W.R.E.
Tenneson Engineering Corporation
3313 West 2nd Street, Suite 100
The Dalles, OR 97058
Phone: 541-296-9177
Fax: 541-296-6657
E-mail: ltoll@tennesoneng.com

From: Marc Norton [<mailto:marc.a.norton@state.or.us>]
Sent: Thursday, September 05, 2013 1:25 PM
To: Larry Toll
Subject: RE: GW application questions

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Hi Larry,

SALEM, OR

I did a quick look at the Marin proposal for up to four new, deep wells. With that in mind, I offer the following comments:

- 1) Permit conditions would look similar to those on Application G-17505, Permit G-17002. Well construction would probably need to be continually cased and continually sealed to a minimum depth of about 550 to 600 feet.
- 2) If the wells are located greater than one mile from the Columbia River, new permits can probably be issued. Any impact on a surface water body would need to be estimated using a groundwater model. Our current model

G-18377

does not work well for aquifer within Columbia River Basalts. If the wells are within 1 mile of the Columbia and hydraulically connected, it could limit a new permit.

- 3) Well construction would be limited to a 100 foot open interval with continuous casing and seal to a specific depth based on the application. The depth and completion of the well could be modified based on information gathered during construction of the wells.
- 4) Casing and sealing below his existing wells should minimize any impact to the shallower existing wells. This will be dependent on the information gained during the drilling of the wells.
- 5) No major concerns other than long-term water level declines in most wells developing from the Columbia River Basalts. Department staff, probably Josh, would be the person that would be following the construction of the wells, maybe even processing the water right application depending on when it is filled.

If you have additional questions, give me a call or email.

Marc

From: Larry Toll [<mailto:LToll@tennesoneng.com>]
Sent: Wednesday, August 28, 2013 4:58 PM
To: Ivan Gall
Cc: Marc Norton
Subject: RE: GW application questions

That will be fine.

Larry

Larry Toll, P.E., W.R.E.
Tennessee Engineering Corporation
3313 West 2nd Street, Suite 100
The Dalles, OR 97058
Phone: 541-296-9177
Fax: 541-296-6657
E-mail: ltoll@tennesoneng.com

From: Ivan Gall [<mailto:ivan.k.gall@state.or.us>]
Sent: Wednesday, August 28, 2013 4:51 PM
To: Larry Toll
Cc: Marc Norton
Subject: GW application questions

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SALEM, OR

Hi Larry-

I just got in from the field and found your letter for Mr. Bill Martin's project.

Marc is out for a couple days and booked early next week, so it will likely be late in the week before we get to it.

If that is a problem please let me know.

Thanks, I hope all is well on your end!

ikg

Ivan Gall - Manager
Groundwater Section
Oregon Water Resources Department
725 Summer St. NE, Suite A

G-18J77

August 7, 2013

Ground Water Section
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301

Reference: Pre Application Consultation

Dear Gentlemen:

My client, Bill Martin, is interested in drilling up to 4 wells for the purpose of irrigation and supplemental irrigation. There are about 665 acres currently under water right permits and about 250 acres that could be converted to irrigated. His current thought would be to drill deeper than his current wells, that range from 170 feet to 525 feet deep. The permit conditions and yield obtained would dictate how many of the 4 wells were actually drilled.

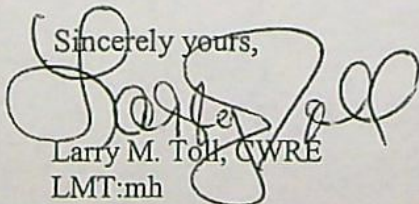
His questions concerning getting water right permits from the Ground Water Sections point of view are:

- What well conditions would be required to make these wells permit able?
- Is there a problem related to proximity to The Columbia River?
- How would this affect well construction and ability to receive a water right permit?
- The last thing Bill wants to do is adversely affect his existing wells, so what are recommendations for this issue?
- Are there other recommendations or concerns?

I have included an aerial photograph with PLS on it for location. It shows the approximate location of existing wells as well as the 4 proposed wells. I have written on the map well log identification number and water right numbers for reference. I have included well logs for the existing well.

Please contact me if you have any questions or need any additional information.

Sincerely yours,



Larry M. Toll, CWRE

LMT:mb

<wo#12508>

cc: Bill Martin

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SALEM, OR

G-18377

STATE OF OREGON
COUNTY OF GILLIAM

LIKELY CONDITIONS
IN YELLOW

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

GLEN GRIFFITH
76768 HWY 74
IONE, OR 97843

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

APPLICATION FILE NUMBER: G-17506

SOURCE OF WATER: WELL 2 IN WILLOW CREEK BASIN

PURPOSE OR USE: IRRIGATION OF 855.3 ACRES; SUPPLEMENTAL IRRIGATION OF 65.9 ACRES

MAXIMUM RATE: 11.51 CUBIC FEET PER SECOND (CFS), FURTHER LIMITED TO 10.69 CFS FOR IRRIGATION OF 855.3 ACRES AND 0.82 CFS FOR SUPPLEMENTAL IRRIGATION OF 65.9 ACRES

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: NOVEMBER 22, 2011

WELL LOCATION: NE $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 12, T3N, R22E, W.M.; 840 FEET SOUTH AND 2330 FEET EAST FROM NW CORNER, SECTION 12

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

	<u>Primary</u>	<u>Supplemental</u>
NE $\frac{1}{4}$ NW $\frac{1}{4}$	0.1 ACRE	
NW $\frac{1}{4}$ NW $\frac{1}{4}$	20.6 ACRES	
SW $\frac{1}{4}$ NW $\frac{1}{4}$	16.6 ACRES	
SE $\frac{1}{4}$ NW $\frac{1}{4}$	9.1 ACRES	
NE $\frac{1}{4}$ SW $\frac{1}{4}$	13.6 ACRES	
NW $\frac{1}{4}$ SW $\frac{1}{4}$	13.3 ACRES	
SW $\frac{1}{4}$ SW $\frac{1}{4}$	28.5 ACRES	
SE $\frac{1}{4}$ SW $\frac{1}{4}$	9.3 ACRES	1.5 ACRES

SECTION 1

TOWNSHIP 3 NORTH, RANGE 22 EAST, W.M.

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SALEM, OR

Application G-17506 Water Resources Department

PERMIT G-17002

G-18377

THE PLACE OF USE IS LOCATED AS FOLLOWS (continued):

	<u>Primary</u>	<u>Supplemental</u>
NE ¼ NE ¼	40.0 ACRES	
NW ¼ NE ¼	40.0 ACRES	
SW ¼ NE ¼	19.3 ACRES	
SE ¼ NE ¼	36.3 ACRES	
NE ¼ NW ¼	34.3 ACRES	
NW ¼ NW ¼	19.6 ACRES	
SW ¼ NW ¼	29.2 ACRES	
SE ¼ NW ¼	7.6 ACRES	
NE ¼ SW ¼	15.2 ACRES	
NW ¼ SW ¼	36.4 ACRES	
SW ¼ SW ¼	40.0 ACRES	
SE ¼ SW ¼	28.2 ACRES	
NE ¼ SE ¼	39.5 ACRES	
NW ¼ SE ¼	32.1 ACRES	
SW ¼ SE ¼	18.3 ACRES	
SE ¼ SE ¼	40.0 ACRES	

SECTION 2

NW ¼ NE ¼	11.6 ACRES
SW ¼ NE ¼	6.8 ACRES
NE ¼ NW ¼	5.2 ACRES
NW ¼ NW ¼	0.9 ACRE
SW ¼ NW ¼	1.4 ACRES
SE ¼ NW ¼	19.9 ACRES

SECTION 12

TOWNSHIP 3 NORTH, RANGE 22 EAST, W.M.

NE ¼ SE ¼	4.9 ACRES
SE ¼ SE ¼	5.9 ACRES

SECTION 34

NE ¼ NE ¼	19.8 ACRES
SE ¼ NE ¼	6.3 ACRES
SW ¼ NW ¼	3.6 ACRES
NW ¼ SW ¼	20.4 ACRES
SW ¼ SW ¼	33.1 ACRES
SE ¼ SW ¼	15.9 ACRES
NE ¼ SE ¼	10.4 ACRES
NW ¼ SE ¼	2.1 ACRES
SW ¼ SE ¼	25.6 ACRES
SE ¼ SE ¼	40.0 ACRES

SECTION 35

TOWNSHIP 4 NORTH, RANGE 22 EAST, W.M.

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THE PLACE OF USE IS LOCATED AS FOLLOWS (continued):

	<u>Primary</u>	<u>Supplemental</u>
NW ¼ NW ¼	8.2 ACRES	
SW ¼ NW ¼	30.6 ACRES	
NE ¼ SW ¼	2.5 ACRES	
NW ¼ SW ¼	22.0 ACRES	
SW ¼ SW ¼	2.6 ACRES	
SECTION 36		
TOWNSHIP 4 NORTH, RANGE 22 EAST, W.M.		

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Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a totalizing flow meter at each point of appropriation. The permittee shall maintain the meters in good working order.
- B. The permittee shall keep a complete record of the amount of water diverted each month, and shall submit a report which includes the recorded report water-use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water-use information, including the place and nature of use of water under the permit.
- C. The permittee shall allow the watermaster access to the meters; provided however, where any meter is located within a private structure, the watermaster shall request access upon reasonable notice.
- D. The Director may provide an opportunity for the permittee to submit alternative measuring and reporting procedures for review and approval.

Ground water production in each well shall be limited to a single aquifer in the Columbia River Basalt Group.

Dedicated Measuring Tube: Wells with pumps shall be equipped with an unobstructed, dedicated measuring tube pursuant to figure 200-5 in OAR 690-200. Each well with a pump shall be equipped with a dedicated 3/4-inch diameter (minimum) water-level measurement tube, separate from other methods of measuring the water level such as airlines or transducers. The annual water-level measurement required in the permit shall be measured through the measuring tube.

Prior to using water from any well listed on this permit, the permittee shall ensure that the well has been assigned an OWRD Well Identification Number (Well ID tag), which shall be permanently attached to the well.

The Well ID shall be used as a reference in any correspondence regarding the well, including any reports of water use, water level, or pump test data.

The Department requires the water user to obtain, from a qualified individual (see below), and report annual static water levels for each well on the permit. The static water level shall be measured in the month of February. Reports shall be submitted to the Department within 30 days of measurement.

The permittee shall report an initial February static water-level measurement once well construction is complete and annual measurements thereafter. Annual measurements are required whether or not the well is used. The first annual measurement will establish a reference level against which future measurements will be compared. However, the Director may establish the reference level based on an analysis of other water-level data. The Director may require the user to obtain and report additional water levels each year if more data are needed to evaluate the aquifer system.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board. Measurements shall be submitted on forms provided by, or specified by, the Department. Measurements shall be made with equipment that is accurate to at least the standards specified in OAR 690-217-0045. The Department requires the individual performing the measurement to:

- A. Associate each measurement with an owner's well name or number and a Department well log ID; and
- B. Report water levels to at least the nearest tenth of a foot as depth-to-water below ground surface; and
- C. Specify the method of measurement; and
- D. Certify the accuracy of all measurements and calculations reported to the Department.

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

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

Application G-17506 Water Resources Department PERMIT G-17002
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SALEM, OR

The period of restricted use shall continue until the water level rises above the decline level which triggered the action or the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or causing substantial interference with senior water rights. The water user shall not allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

Each well shall be continuously cased and continuously sealed to within 100 feet of the bottom of the open borehole. A larger open interval may be approved by the Department if the permittee can demonstrate to the Department's satisfaction, using packer tests or other suitable methods, that the hydraulic heads of water-bearing zones in the proposed open interval are equivalent or that the open interval is part of a continuous zone of interconnected porous materials. Following well completion, the well(s) shall be thoroughly developed to remove cuttings and drilling fluids. A video log of the well(s) shall be collected to demonstrate to the satisfaction of the Department that each well is open to only a single aquifer.

Drill cuttings shall be collected at the permitted well(s) and any test holes. Samples shall be collected at ten-foot intervals and at changes in lithology. A reference set of clean cuttings, in plastic sample trays, shall be submitted to the Department for each well. Select drill cuttings shall be analyzed for a comprehensive suite of major, minor, and trace elements that are appropriate for characterizing Columbia River Basalt Group stratigraphy. The data shall be compiled and the basalt stratigraphy at each well shall be interpreted by an Oregon registered geologist.

All hydrological, geological, geochemical, and video data collected shall be provided to the Department in a report and an electronic format specified by the Department.

STANDARD CONDITIONS

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

If the number, location, source, or construction of any well deviates from that proposed in the permit application or required by permit conditions, this permit may be subject to cancellation, unless the Department authorizes the change in writing.

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

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

If the riparian area is disturbed in the process of developing a point of appropriation, the permittee shall be responsible for restoration and enhancement of such riparian area in accordance with ODFW's Fish and Wildlife Habitat Mitigation Policy OAR 635-415. For purposes of mitigation, the ODFW Fish and Wildlife Habitat Mitigation Goals and Standards, OAR 635-415, shall be followed.

The use may be restricted if the quality of downstream waters decreases to the point that those waters no longer meet state or federal water quality standards due to reduced flows.

Where two or more water users agree among themselves as to the manner of rotation in the use of water and such agreement is placed in writing and filed by such water users with the watermaster, and such rotation system does not infringe upon such prior rights of any water user not a party to such rotation plan, the watermaster shall distribute the water according to such agreement.

Prior to receiving a certificate of water right, the permit holder shall submit to the Water Resources Department the results of a pump test meeting the Department's standards for each point of appropriation (well), unless an exemption has been obtained in writing under OAR 690-217. The Director may require water-level or pump-test data every ten years thereafter.

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

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

Completion of construction and application of the water shall be made within five years of the date of permit issuance. If beneficial use of permitted water has not been made before this date, the permittee may submit an application for extension of time, which may be approved based upon the merit of the application.

Within one year after making beneficial use of water, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner.

Issued February 7 , 2013

E. Timothy Wallin

E. Timothy Wallin, Water Rights Program Manager
for Phillip C. Ward, Director

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SALEM, OR

Application G-17506 Water Resources Department
Basin 7 Volume 4A WILLOW CR

PERMIT G-17002
21

G-18377

County of Sherman, State of Oregon:

TOWNSHIP 2 NORTH, RANGE 16 E.W.M., Sherman County, Oregon

Section 1: The South half of the Southeast quarter (S1/2 SE1/4); the South half of the Southwest quarter (S1/2 SW1/4), and a triangular piece following the bluff in the North half of the Southwest quarter (N1/2 SW1/4), excepting therefrom that certain property conveyed by Charles A. Tom and Lorraine V. Tom, husband and wife, grantors, unto Tom Farms, Inc., an Oregon corporation, by a warranty deed dated June 26, 1974, and recorded in Book 42, page 79, Sherman County Deed Records.

* * * *

* * * *

1 - BARGAIN AND SALE DEED

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Section 2: The Southeast quarter of the Southeast quarter (SE1/4 SE1/4).

Section 11: The Southwest quarter (SW1/4); the West 70 acres of the West half of the Northeast quarter (W1/2 NE1/4); the East half of the Northwest quarter (E1/2 NW1/4); and the East 20 acres of the West half of the Northwest quarter (W1/2 NW1/4).

Section 12: The Northwest quarter (NW1/4) and the Northeast quarter (NE1/4).

TOWNSHIP 2 NORTH, RANGE 17 E.W.M., Sherman County, Oregon

Section 5: The Southwest quarter (SW1/4).

Section 6: The Southeast quarter (SE1/4); the South half of the Northwest quarter of the Southwest quarter (S1/2 NW1/4 SW1/4); the South half of the Southwest quarter (S1/2 SW1/4) and the Northeast quarter of the Southwest quarter (NE1/4 SW1/4).

Section 7: The Northwest quarter (NW1/4); the Northeast quarter (NE1/4) and the Southeast quarter (SE1/4).

Section 8: The Northwest quarter (NW1/4) the Southwest quarter (SW1/4) and the West half of the East half (W1/2 E1/2) lying West of the county road.

Section 17: All.

Section 18: The Northeast quarter (NE1/4).

ALSO, the Southerly 1,485 feet, more or less, of the Southeast quarter of Section 11, Township 2 North, Range 16 E.W.M., containing 90 acres, more or less, and also an easement for ingress and egress over the Easterly 75 feet of that portion of the Southeast quarter of Section 11, Township 2 North, Range 16 E.W.M. not herein conveyed.

EXCEPTING therefrom, a parcel of land being a portion of Sections 6 and 7, Township 2 North, Range 17 E.W.M., Sherman County, Oregon, described as follows with reference to the Oregon State Coordinate System, North Zone:

Beginning at a point which is South 89° 23' 14" East 2390.0 feet from the corner of Sections 1, 6, 7 and 12, Twp. 2 North, Ranges 16 and 17 E.W.M.; (Y=733,694.1, and X=1,936,325.8 U.S. Engineers) from the

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2 - BARGAIN AND SALE DEED

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initial corner of metes and bounds North 56° 30' 30" East 1856.1 feet to the Northerly corner, South 0° 22' 50" East 1678.0 feet to the Easterly corner, South 61° 08' 40" 1050.00 feet to Southerly corner, North 28° 51' 20" West 1325.00 feet to Westerly corner and point of beginning.

ALSO excepting therefrom, a parcel of land in the Southwest quarter of Section 6, Township 2 North, Range 17 E.W.M., Sherman County, Oregon, containing 0.06 of an acre, more or less, and described as follows:

Beginning at a point which is North 52° 17' 00" East, 2110.3 feet from the Southwest corner of Section 6, Twp. 2 North, Range 17 E.W.M. ; thence North 10° 41' 20" West 50 feet; thence North 79° 18' 40" East 50 feet; thence South 10° 41' 20" East 50 feet; thence South 79° 18' 40" West, 50 feet to the point of beginning. The bearings refer to the Oregon Coordinate System, North Zone. The Survey is shown on B.P.A. Drawing 111358, dated September 15, 1970.

ALSO seller's interest in that certain water profit and easement in that certain spring situated on land in the North half of the Northwest quarter of the Southwest quarter of Section 6, Township 2 North, Range 17 East, of the Willamette Meridian, Sherman County, Oregon, as conveyed in that certain easement deed dated January 29, 1962; wherein Lula Currin, Carroll Dean and Mabel Dean were the Grantors and Susie Tom, Charles A. Tom and Lorraine Tom were Grantees, together with the right to withdraw water from the spring referred to above from that certain pipeline constructed by the United States of America (Bonneville Power Administration) in accordance with instrument entitled WARRANTY DEED, PIPELINE EASEMENT AND TRANSMISSION LINE AND ACCESS ROAD EASEMENT dated June 6, 1966, recorded June 24, 1966, in Book 38, Page 210, Deed Records of Sherman County, Oregon.

ALSO the East half of the Southeast quarter (E1/2SE1/4), the Southeast quarter of the Northeast quarter (SE1/4NE1/4), and the South half of the Northeast quarter of the Northeast quarter (S1/2NE1/4NE1/4) of Section 10;

ALSO the West 60 acres of the Northwest quarter (NW1/4) of Section 11 in Township 2 North Range 16 excepting road.

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. 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

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3 - BARGAIN AND SALE DEED

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EXHIBIT A**PARCEL 1:**

Beginning at the Southwest corner of Section 1, Township 2 North, Range 16 East of the Willamette Meridian; thence North 1000 feet; thence Northeasterly in a straight line to a point which is 1670 feet, more or less, North of the Southeast corner of the Southwest quarter of said Section 1; thence South 1670 feet, more or less, to the Southeast corner of the Southwest quarter of said Section 1; thence West along said South line to the point of beginning.

X PARCEL 2:

The Easterly 90 acres of the Northeast quarter of Section 11, Township 2 North, Range 16 of the Willamette Meridian, in the County of Sherman and State of Oregon.

X PARCEL 3:

The Southeast quarter of Section 11, Township 2 North, Range 16 East of the Willamette Meridian, in the County of Sherman and State of Oregon, EXCEPTING THEREFROM the South 1485 feet, more or less, as conveyed to Charles Allen Tom et ux., by deed recorded in Book 42, page 98, Sherman County Deed Records.

MARTIN Chicken Farm Legal

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After Recording Deliver to:

Annala, Carey, Baker, Thompson & VanKoten, P.C.
Attorneys at Law, 305 Cascade Street
P.O. Box 325, Hood River, Oregon 97031

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SALEM, OR

EASEMENTS FOR UNDERGROUND WATER PIPELINES

KNOW ALL MEN BY THESE PRESENTS, that SHERMAN COUNTY, OREGON, a political subdivision of the State of Oregon, hereinafter called "grantor," does hereby grant, bargain and convey unto Thomson S. Martin, Douglas T. Martin, and William F. Martin, as tenants in common, all hereinafter called "grantees," and unto grantees' heirs, successors and assigns, three nonexclusive, perpetual easements for underground water pipelines, to be used in common with grantor, grantees and others, 10 feet in even width, 5 feet on either side of the center line of three existing underground water pipelines going under the County Road known as Tom Lane for pipeline #1 and #2, and China Hollow Road for pipeline #3, and serving grantees' property lying on both sides of the County Road and contiguous therewith. Said easements shall be located as follows:

Pipeline Easement No. 1 intersects Tom Lane at a point approximately 690 feet West of the Northeast corner of the Southeast quarter of Section 11, Township 2 North, Range 16 East of the Willamette Meridian, in Sherman County, Oregon.

Pipeline Easement No. 2 intersects the intersection of Tom Lane and Greenberry Road diagonally running SW to NE at a point approximately 30 feet West of the Northeast corner of the Southeast quarter of Section 11, Township 2 North, Range 16 East of the Willamette Meridian, in Sherman County, Oregon.

Pipeline Easement No. 3 intersects China Hollow Road at a point approximately 10 feet South of the Northwest corner of the Southwest quarter, of the Northeast quarter of Section 7, Township 2 North, Range 17 East of the Willamette Meridian, in Sherman County, Oregon.

Said easements shall run with the land and be binding upon grantor, its successors and assigns, and shall be for the benefit of grantees' real property lying on both sides of the County Road and contiguous therewith.

TO HAVE AND TO HOLD said easements and rights of way unto the said grantees herein and unto grantees' heirs, successors and assigns, forever.

Grantees, by accepting this easement and the recordation thereof, agree to pay for the repair of the County Road and replace it in like condition should grantees find it necessary to disturb the roadway in order to repair any of the above described water pipelines.

The true and actual consideration given for this easement is \$10.00 and other good and valuable consideration.

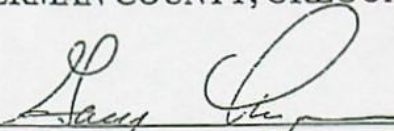
 COPY

IN WITNESS WHEREOF, the grantor has executed this instrument this 16
day of JAN, 2008.

GRANTOR:

SHERMAN COUNTY, OREGON

By


 Gary Thompson, Sherman County Judge

STATE OF OREGON)

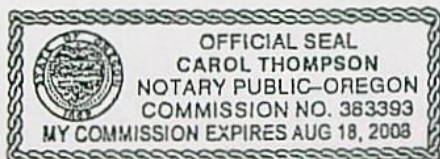
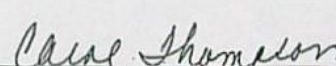
) ss.

County of Sherman)

January 16, 2008

Personally appeared GARY THOMPSON, who, being duly sworn, did say that he is the County Judge for SHERMAN COUNTY, OREGON, and that said instrument was signed and sealed in behalf of and by authority of the County Court of SHERMAN COUNTY, OREGON, and he acknowledged said instrument to be its voluntary act and deed.

Before Me:



 Notary Public for Oregon
My Commission Expires: Aug 18, 2008

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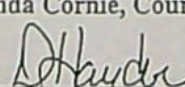
080017

 STATE OF OREGON }
 County of Sherman } ss.

I hereby certify that this document was received and recorded on 1-16-2008 at 4:20 P.M.

and assigned No. 080017
in the Microfilm Deed

Records of said county
A&T 11 LC 10 Recording 10/15
Linda Cornie, County Clerk

 by 

Deputy



Oregon Water Resources Department

Apply for a Permit to Appropriate Ground Water and/or Store Ground Water

Main

Help

Return

Contact Us

Today's Date: Thursday, August 25, 2016

Base Application Fee for use of Ground, Surface and optionally Stored Water.		\$1,150.00
Number of proposed cubic feet per second (cfs) to be appropriated. (1 cfs = 448.83 gallons per minute)	7	\$2,100.00
Number of proposed Use's for the appropriated water. (i.e. Irrigation, Supplemental Irrigation, Pond Maintenance, Industrial, Commercial, etc) *	2	\$300.00
Number of proposed Ground Water points of appropriation. (i.e. number of wells) (include all injection wells, if applicable) **	4	\$900.00
Number of Acre Feet to be stored in a reservoir/pond from Ground Water.	0	
Number of Acre Feet to be appropriated from reservoir/pond (Only Applies to reservoir/pond constructed under Ground Water Application)	0	
Number of reservoirs.	0	
Permit Recording Fee. ***		\$450.00
* the 1st Water Use is included in the base cost. ** the 1st Ground Water point of appropriation is included in the base cost. *** the Permit Recording Fee is not required when the application is submitted but, must be paid before a permit will be issued. It is fully refundable if a permit is not issued. If the recording fee is not paid prior to issuance of the Final Order, permit issuance will be delayed.	Recalculate	
Estimated cost of Permit Application		\$4,900.00

OWRD Fee Schedule

Fee Calculator Version B20130709

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SALEM, OR

G-10377

TENNESON

ENGINEERING CORPORATION

CONSULTING ENGINEERS • SURVEYORS • PLANNERS

3775 CRATES WAY
THE DALLES, OR 97058

PHONE (541) 296-9177

FAX (541) 296-6657

LETTER OF TRANSMITTAL

TO: Oregon Water Resources Department

725 Summer Street NE, Suite A

Salem, Oregon 97301-2430

Date	8/25/2016	Work Order #	12508
Attention			
RE:			
New Filing for Groundwater Permit			

ENCLOSED ARE THE FOLLOWING:

QUANTITY	DESCRIPTION
1	(11 pgs) GROUNDWATER APPLICATION WITH LAND USE FORM
1	(10 pgs) PRE-APPLICATION GROUNDWATER CONSULTATION
1	(6 pgs) LEGAL DESCRIPTIONS
1	FEE CALCULATOR
1	11" x 17" color print—APPLICATION MAP
1	\$4,900 APPLICATION FEE (Martin Farms, Inc. Check #9009)

THESE ARE TRANSMITTED (as checked below)

[] For approval

[] For your use

[] As requested

[] Approved as noted

[xx] Filing/Recording

[] For your review & comment

CHARGES

Remarks:	SF Blueline	
	SF Mylar	
	Xerox	
	Tube, Mailer, Etc.	
	P & H	
	TOTAL	

PICKED UP BY:

DELIVERED BY:

COPY TO: Bill Martin w/ enclosures

AUG 29 2016

SALEM, OR

BY: Larry M. Toll, CWRE

If enclosures are not as noted, please notify us at once.

G-18577

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: \$4900
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 _____

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SALEM, OR

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

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.

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AUG 29 2016

Date _____

(For staff use only)



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

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

- ☐ SECTION 1: _____
- ☐ SECTION 2: _____
- ☐ SECTION 3: _____
- ☐ SECTION 4: _____
- ☐ SECTION 5: _____
- ☐ SECTION 6: _____
- ☐ SECTION 7: _____
- ☐ SECTION 8: _____
- ☐ SECTION 9: _____
- ☐ Land Use Information Form _____
- ☐ 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.
- ☐ Fees _____

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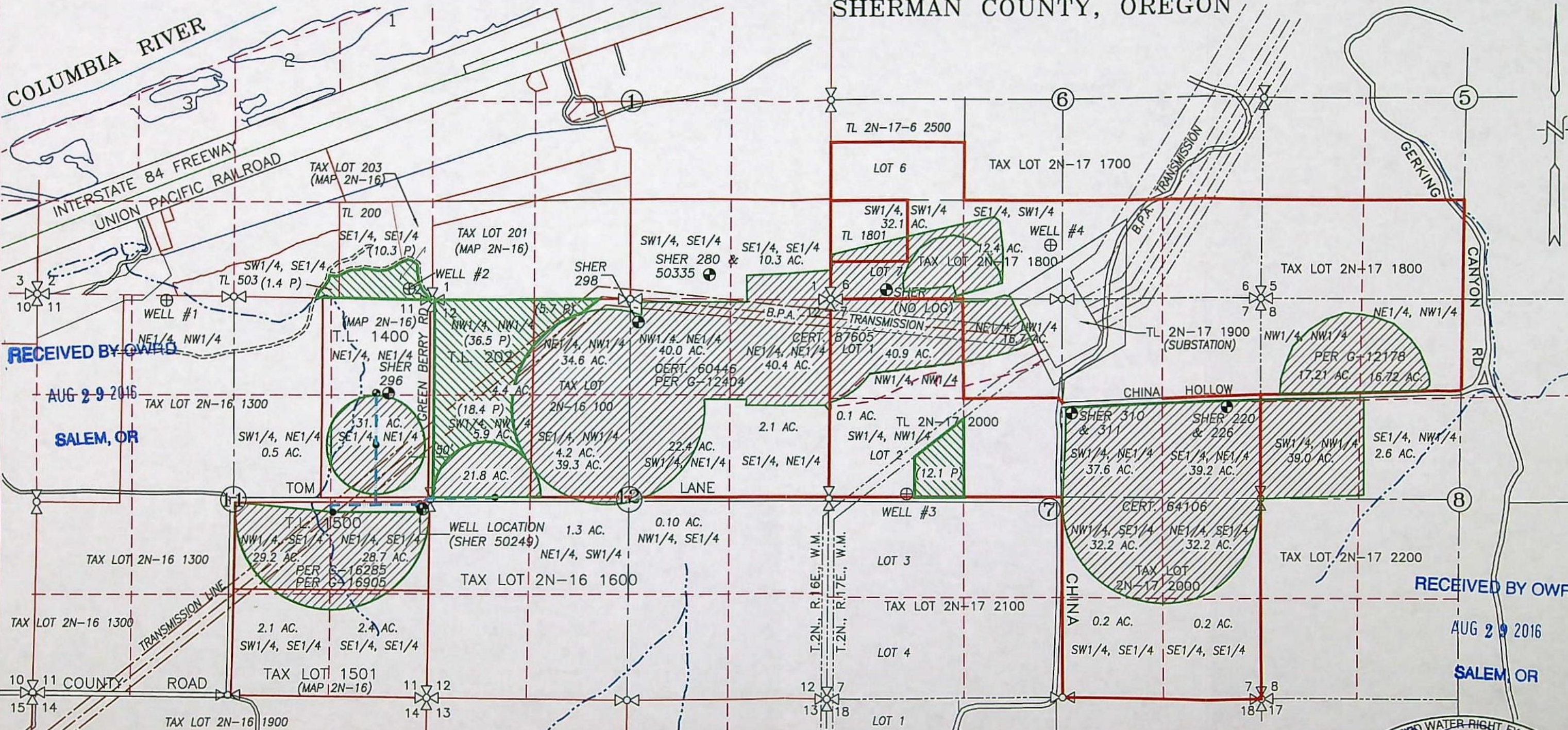
AUG 29 2016

MAP

SALEM, OR

- ☐ 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 _____

SECTIONS 1, 2, 11, & 12, TWP.2 N. RANGE 16 E. AND SECTIONS 6, 7, & 8, TWP.2 N. RANGE 17 E. W.M.
SHERMAN COUNTY, OREGON



LEGEND:

- PRIMARY APPLICATION AREA
- SUPPLEMENTAL APPLICATION AREA
- IRRIGATION MAIN
- STREAM WITH DIRECTIONAL FLOW
- EXISTING WELLS (AS NOTED)
- PROPOSED WELL SITES (AS NUMBERED)

- ⊕ WELL #1: 65'S. & 1725' E. OF NW COR. SEC. 11, T.2N. R.16E. W.M.
- ⊕ WELL #2: 145'N. & 315' W. OF SE COR. SEC. 2, T.2N. R.16E. W.M.
- ⊕ WELL #3: 35'N. & 1040' E. OF THE W1/4 COR. SEC. 7, T.2N. R.17E. W.M.
- ⊕ WELL #4: 715'N. & 155' W. OF THE S1/4 COR. SEC. 6, T.2N. R.17E. W.M.

APPLICATION No. _____

PERMIT No. _____

IN THE NAME OF: _____

WILLIAM MARTIN

DATE: JULY 14, 2016

WATER RIGHT APPLICATION MAP

SCALE: 1" = 1320'

0' 660' 1320' 2640'

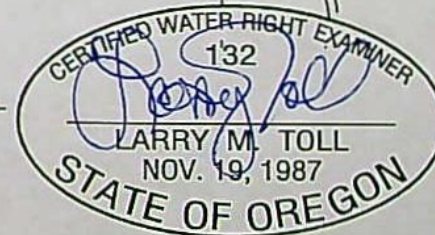
BY: **TENNESON ENGINEERING CORP.**
3775 CRATES WAY
THE DALLES, OREGON. 97058
PH. 541-296-9177
FAX 541-296-6657



NOTE:

"THIS MAP IS NOT INTENDED TO PROVIDE DIMENSIONS OR LOCATIONS OF PROPERTY OWNERSHIP LINES."

W.O. #12508wr4



EXPIRES: 06/30/2018

Superseded 9.5.17

G-18377

SECTION 4: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
Irrigation	March 1 to October 31	253.2
Supplemental Irrigation	March 1 to October 31	2640.9

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: 84.4 Acres Supplemental: 880.03 Acres

List the Permit or Certificate number of the underlying primary water right(s): See attached list of water rights

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: 2894.1 from all water rights

- 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: _____

SECTION 5: WATER MANAGEMENT

A. Diversion and Conveyance

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

☒ Pump (give horsepower and type): Since we do not even know if we will find water and how much no system has been designed yet. To pump 7 cfs from 600 would take about 1200 hp made up of submersible or turbine well pumps and centrifugal booster pumps.

☐ Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. The basic system is in place right now for the irrigation of 880.03 acres from existing water rights. Pipelines to connect wells to this system will all that is needed.

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler)
Center pivots, wheel lines and some handlines

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.
pivots and flow meters

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*).

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Reservoir name: _____ Acreage inundated by reservoir: _____

AUG 29 2016

SECTION 3: WELL DEVELOPMENT, CONTINUED

Total maximum rate requested: 7.0 cfs being 7.0 from each of the 4 wells limited to a maximum overall pumping rate of 7.0 cfs from all wells (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	☒	☐		☐							> 550' to 600'#	3141.6^	2894.1^
Well #2	☒	☐		☐							> 550' to 600'#	3141.6^	2894.1^
Well #3	☒	☐		☐							> 550' to 600'#	3141.6^	2894.1^
Well #4	☒	☐		☐							> 550' to 600'#	3141.6^	2894.1^

#Minimum distance based on Marc Norton memo, Wells will be as deep as needed to find water and not conflict with OWRD conditions

^This is the total amount requested, and if multiple wells end up being drilled, the Total being pumped at any one time would not exceed 7.0 cfs and the total amount pumped under this permit would not exceed 2894.1 Ac ft minus whatever is pumped under the existing primary water rights.

* 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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AUG 29 2016

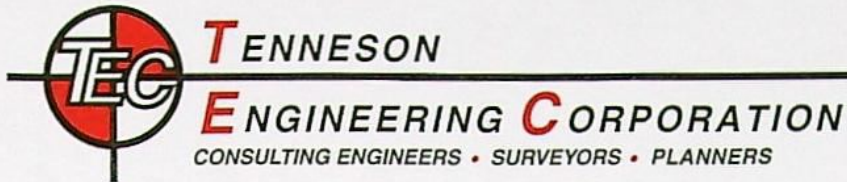
Revised 2/1/2012

Ground Water/5

SALEM, OR

WR

G-18377 Superseded



3775 CRATES WAY
THE DALLES, OR 97058

PHONE (541) 296-9177
FAX (541) 296-6657

LETTER OF TRANSMITTAL

TO: Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-2430

Date	8/31/2017	Work Order #	12508
Attention	Elizabeth Graham		
RE:			
Application G-18377			
William Martin			

ENCLOSED ARE THE FOLLOWING:

QUANTITY	DESCRIPTION
1	11" x 17" print—AMENDED APPLICATION MAP
2	AMENDED APPLICATION PAGES
	RECEIVED BY OWRE
	SEP 05 2017
	SALEM, OR

THESE ARE TRANSMITTED (as checked below)

☐ For approval ☒ As requested ☐ Filing/Recording
☐ For your use ☐ Approved as noted ☐ For your review & comment

CHARGES

Remarks:	SF Blueline	
	SF Mylar	
	Xerox	
	Tube, Mailer, Etc.	
	P & H	
	TOTAL	

PICKED UP BY:
DELIVERED BY:
COPY TO:

BY: Larry M. Toll, CWRE

If enclosures are not as noted, please notify us at once.

G-18377

William, Douglas, and Thomson Martin
PO Box 201
Rufus, OR 97050

G-18377

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PO Box 201
Rufus, OR 97050

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **121096**

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

INVOICE # _____

RECEIVED FROM: Martin Farms

APPLICATION G-18377

BY: _____

PERMIT _____

TRANSFER _____

CASH: ☐ CHECK: # 9009 ☒ OTHER: (IDENTIFY) _____

TOTAL REC'D \$ 4900.00

1083 TREASURY 4170 WRD MISC CASH ACCT

0407 COPIES \$ _____

OTHER: (IDENTIFY) _____ \$ _____

0243 VS Lease _____ 0244 Muni Water Mgmt. Plan _____ 0245 Cons. Water _____

4270 WRD OPERATING ACCT

MISCELLANEOUS

0407 COPY & TAPE FEES \$ _____

0410 RESEARCH FEES \$ _____

0408 MISC REVENUE: (IDENTIFY) _____ \$ _____

TC162 DEPOSIT LIAB. (IDENTIFY) _____ \$ _____

0240 EXTENSION OF TIME \$ _____

WATER RIGHTS:

0201 SURFACE WATER EXAM FEE \$ _____ 0202 RECORD FEE \$ _____

0203 GROUND WATER \$ 4450.00 0204 \$ 450.00

0205 TRANSFER \$ _____

WELL CONSTRUCTION

0218 WELL DRILL CONSTRUCTOR EXAM FEE \$ _____ 0219 LICENSE FEE \$ _____

LANDOWNER'S PERMIT 0220 \$ _____

OTHER (IDENTIFY) _____

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE \$ _____ CARD # _____

0210 MONITORING WELLS \$ _____ CARD # _____

OTHER (IDENTIFY) _____

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233 POWER LICENSE FEE (FWWRD) \$ _____

0231 HYDRO LICENSE FEE (FWWRD) \$ _____

HYDRO APPLICATION \$ _____

TREASURY OTHER / RDX

FUND _____ TITLE _____

OBJ. CODE _____ VENDOR # _____

DESCRIPTION \$ _____

RECEIPT: **121096**

DATED: 8-29-10 BY: Rebecca Blower

MARTIN FARMS, INC.

9009

oregon Water Resource Department

8/16/2016

4,900.00

RECEIVED BY OWRD

AUG 29 2016

SALEM, OR

Columbia River Bank

4,900.00