G- 18800

Application No. G- 18800
Permit No. G- 18350
Certificate No. _____

Name _ G-18800
Crossroads Land, LLC
By _ c/o Blake Crosby
Address 8648 Crosby Road NE
Woodburn, OR. 97071

C2025

Priority 3-11-19
County MARI WM# 16

FEES PAID

Date	Amount	Receipt No.
3/11/19	2,210.00	129297
	Cert. Fee	

Date

DENIED _____
MISFILED _____
WITHDRAWN _____
CANCELLED _____

Volume	Page

FEES REFUNDED

Date	Amount	Receipt No.

RELATED FILES

_____
_____
_____
_____

DEVELOPMENT Date

Completion 2/12/2025
Extended to _____
_____
Final Proof received _____
Proposed Cert. Mailed _____

ASSIGNMENTS

Date	To Whom	Address

REMARKS _____

MAP LOCATION _____

MFB 3-14-19

Rev. 04/03

Mailing List for FO/Permit Copies

Application G-18800

Copies Mailed

By: TM
(SUPPORT STAFF)

on: 2/12/2020
(DATE)

Original mailed via MAIL to applicant:

CROSSROADS LAND LLC
C/O BLAKE CROSBY
8648 CROSBY RD NE
WOODBURN OR 97071

Sent via auto email:

1. Agent – Schroeder Law Offices - counsel@water-law.com
2. WRD - Joel Plahn - # 16

Copies sent to:

1. WRD - File # G-18800

Application Specialist: Kim French

Oregon Water Resources Department
Water Right Services Division

Water Right Application G-18800 in the name of CROSSROADS LAND LLC	)))	FINAL ORDER

Summary: Order approving Application G-18800 and issuing Permit G-18350.

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 Willamette Basin Program (OAR 690-502). These statutes and rules can be viewed on the following website: https://www.oregon.gov/OWRD/programs/policylawandrules/Pages.default.aspx.

The Department's main page is https://www.oregon.gov/OWRD.

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

FINDINGS OF FACT

1. On March 11, 2019, Crossroads Land LLC submitted an application to the Department for a water use permit.

2. On October 15, 2019, the Department issued a Proposed Final Order recommending approval of the application. The protest period closed November 29, 2019 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 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-18800 is approved and Permit G-18350 is issued.

DATED FEB 12 2020

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 Kim French at Kim.R.French@oregon.gov or 503-986-0816.
- 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 MARION

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

CROSSROADS LAND LLC
C/O BLAKE CROSBY
8648 CROSBY RD NE
WOODBURN OR 97071

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

APPLICATION FILE NUMBER: G-18800

SOURCE OF WATER: WELL 1 (MARI 67957/L120925) IN PUDDING RIVER BASIN

PURPOSE OR USE: IRRIGATION OF 25.4 ACRES

MAXIMUM RATE: 0.42 CUBIC FOOT PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: MARCH 11, 2019

WELL LOCATION:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
5 S	2 W	WM	23	NW SW	1600 FEET NORTH AND 85 FEET WEST FROM NE CORNER, P DEPOT DLC 54

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-SIXTIETH of one cubic foot per second and 2.5 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

Twp	Rng	Mer	Sec	Q-Q	Acres
5 S	2 W	WM	22	NE SE	12.9
5 S	2 W	WM	23	NW SW	12.5

1. **Water Use Measurement, Recording, and Reporting Condition:**

   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. **Groundwater production shall only be from the alluvial groundwater reservoir.**

4. **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 FEB 12 2020

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

Oregon
Kate Brown, Governor

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

NOTICE TO PERMITTEE

Carefully review the appeal rights included on the first page of your final order. In some cases, if OWRD receives a request for reconsideration or petition for judicial review within 60 days of the date the final order was served, OWRD may take action to withdraw or modify the final order, or issue a final order denying your application.

ASSIGNMENT OF PERMIT: Pursuant to ORS 537.220, this permit may be assigned to a party other than the permittee named hereon, if the land the permit is associated with changes ownership, or if the permittee is an organization whose name changes as a result of sale or merger. Request for Assignment forms are available from the Oregon Water Resources Department web site at http://www.oregon.gov/owrd/Pages/pubs/forms.aspx , or may be requested from the Department at 503-986-0801 or Water Right Application Section, Oregon Water Resources Department, 725 Summer St NE Ste. A, Salem OR 97301.

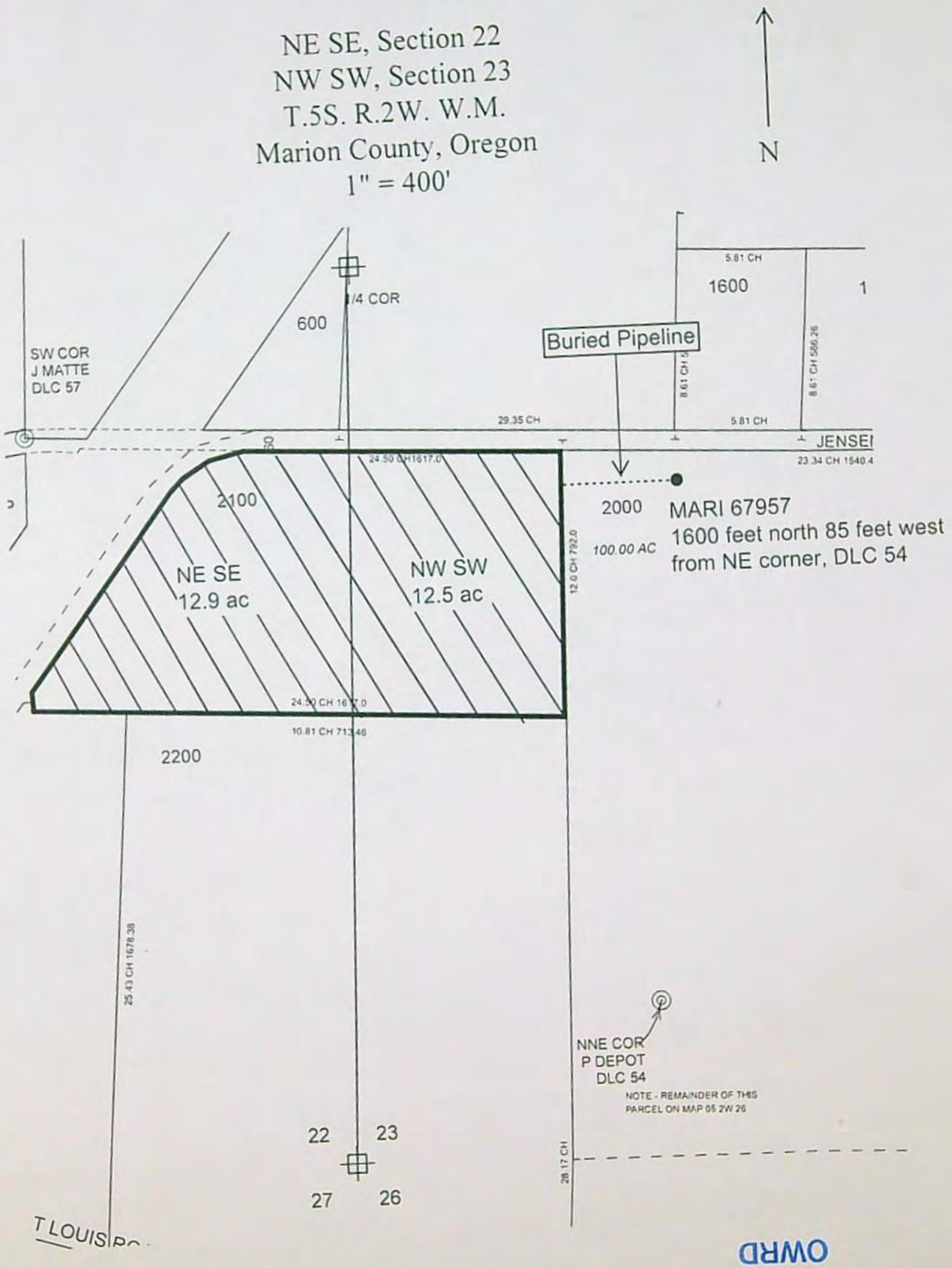
PERMIT CONDITION FORMS: This permit may specify conditions that require you to submit a form to the Department. These forms are available from the Oregon Water Resources Department web site at http://www.oregon.gov/owrd/Pages/pubs/forms.aspx .

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

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

For Question, please call our customer service desk at 503-986-0801.

NE SE, Section 22
NW SW, Section 23
T.5S. R.2W. W.M.
Marion County, Oregon
1" = 400'



OWRD
AUG 28 2019
RECEIVED

G-18800

Application #: G-18800	Applicant: CROSSROADS LAND LLC

PROPOSED FINAL ORDER

PR	CW							
☒	☒	IR Date: 7/16/19	Noticed On: 7/30/19			Comment Deadline: 8/29/19		
☒	☒	Elec/Written comments?	☒ No	☐ Yes	Add commenter to mailing list			
☒	☒	Comment Evaluation:	☐ No	☐ Yes	☒ NA			
☒	☒	IR Requested addt'l info?	☐ No	☒ Yes	MAP W/ CORRECT WELL LOCATION			
☒	☒	Add'l info received?	☐ No	☒ Yes	Date Rec'd: 8/28/19			
☒	☒	Changes from IR determinations:	JUSTIFICATION IN APPLICATION FOR 0.42 CFS					
☒	☒	Req'd before permit	☒ NA	☐ recording fees	☐ LU	☐ easement	☐ plans/specs	☐ storage contract

Summary of Conditions

PR	CW	
☐	☐	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
☒	☒	☐ NA GW Conditions: 7N; ALLUVIAL
☒	☒	☒ NA ODFW Division 33 Conditions:
☒	☒	☒ NA DEQ Division 33 Conditions:
☒	☒	☒ NA WM Division 33 Conditions:

PFO Signatures

Caseworker: Kim R. French	Date: 9/3/19
Peer Reviewer signature: Barbara Fouge	Date 9/11/19
Manager signature:	Date

FINAL ORDER

PR	CW				
☒	☒	PFO Date: 10/15/19	Protest Period Ended: 11/27/19		
☒	☒	Name and/or address changed or assignment received?	☒ No	☐ Yes	
☒	☒	PFO requires modification?	☒ No	☐ Yes	
☐	☐	If so,			
☐	☐	If PFO requires modification, include modified Hearing Rights	☐ No	☐ Yes	
☒	☒	Was a standing paid for?	☒ No	☐ Yes	
☒	☒	☒ FO w/ Permit	☐ FO w/Draft Permit; still need		☐ FO to deny:
		Permit # G-18350	☐ Recording Fees	☐ Land Use Approval	Refund $
			☐ Easement	☐ Approved Dam Plans/Specs	
			☐ Storage Contract		

FO Signatures

Caseworker: Kim R. French	Date: 1/6/20
Peer Reviewer signature: Lisa G.	Date 1.16.2020
Manager signature:	Date

Application #: G-18800	Applicant: CROSSROADS LAND LLC

PERMIT

PR	CW		
☐	☐	Permit #	
☐	☐	Received required information	Date:
		☐ Recording Fees	
		☐ Easement	
		☐ Storage Contract	
		☐ Land Use Approval	
		☐ Approved Dam Plans/Specs	
☐	☐	Prepared cover letter?	

Fees

PR	CW						
☒	☒	0.42	CFS	Base	1340		
			AF	Up to 1 CFS	350		
				Add'l CFS @ $350/CFS			
				Up to 20 AF @ $35/AF			
				Add'l AF @ $1.20/AF			
			Well(s)/POD(s)	Add'l POD/POA			
			Use(s)	Add'l Use			
				Exam Fee Req'd	1690	Rec Fee Req'd	520
				Exam Fee Paid	1690	Rec Fee Paid	520
				Still Owed/Refund	Ø	Pay before Permit	Ø

Mailing List

PR	CW	
☒	☒	☒ Authorized Agent: SCHROEDER LAW OFFICES - COUNSEL@WATER-LAW.COM
		☒ Watermaster #16
		☐ SWR ☐ NCR
		☐ SW Section (if SW, GW with PSI, or SWW. If SWW, include copy of yellow sheet)
		☐ ALO
		☐ ALO
		☐ CWRE
		☐ District
		☐ Division 33
		☐ DSL (if reservoir)
		☐ Any appropriate local government
		☐ Commenter(s)
		☐ Kerri Cope if WMCP required (FO ONLY)
		☐ Ann Reece if applicant is an Irrigation District (FO ONLY)

Notes:

STANDARD APPLICATION CHECKLIST

Application #: G-18800	Applicant: CROSSROADS LAND LLC	
Basin # 2	Priority Date: March 11, 2019	WM#: 16

INITIAL REVIEW

PR	CW			
☑	☑	ORS 538 prohibits use? ☒ No ☐ Yes (stop processing and return app and fees)		
☑	☑	Requested Use/Rate/Season: 1R-25.4AC; 0.42CFS; 3/1-10/31		
			Limit: 1/60	Duty: 2.5
☑	☑	Allowed Use/Rate/Season: 1R-25.4AC; 0.32 CFS; 3/1-10/31		
			Limit: 1/80	Duty: 2.5

LIMITED RATE →

Use

PR	CW					
☑	☑	Use is	☒ Allowed	☐ Not Allowed	☐ Limited	
☑	☑	Per	☐ Compact	☒ OAR: 690-500-0160(2)		
☑	☑	POU Conflict?	☒ No	☐ Yes		
☑	☑	Supplemental?	☒ NA	☐ No	☐ Yes, Limits	
☑	☑	Conservation Methods?	☐ No	☒ Yes		

Land Use

PR	CW					
☑	☑	☒ Allowed Outright	☐ Not Allowed	☐ Being Pursued	☐ Not Being Pursued	☐ Decision Obtained
		☐ Receipt Only	☐ NA			

Groundwater

PR	CW					
		☐ NA				
☑	☑	GW Rev:	☐ will likely be available	☐ will likely not be available	☒ will, if properly conditioned	
☑	☑	☒ No PSI	☐ well	Has PSI with		
☐	☐	PSI caused from	☐ ¼ mile	☐ > 5 CFS	☐ Instream Q	☐ > 1% of 80% ☐ Interference > 25%
☐	☐	☐ Reduce rate to avoid PSI				
☑	☑	GW Conditions: TN; LBG; ALLUVIAL				
☑	☑	Well construction meets minimum standards?	☒ Yes	☐ No (deny)	☐ NA (proposed well)	

Wells

WELL 1 (MAR 67957 / L120925)	

Notes:

Surface Water Availability

PR	CW					
☑	☑	☒ NA	☐ 80%	☐ 50%	Available:	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)				

Reservoir Information

PR	CW	
		☑ NA
☐	☐	Reservoir Name:
☐	☐	Use(s) of stored water:
☐	☐	Statutory? ☐ No ☐ Yes – Plans/Specs required – include DAMENG and DAMSTD in conditions

Scenic Waterway

PR	CW					
☑	☑	Is POD within/above a SWW?	☑ NA	☐ Above	☐ Within	Name:
☐	☐	If GW, is there P of E?	☑ NA	☐ No	☐ Yes	If interference, check and print WARS tables
☐	☐	If GW, Add condition ☐ 7J	☑ NA			

Division 33

PR	CW				
☑	☑	Subject to Division 33?	☑ No	☐ Yes	
☐ UPPER COLUMBIA OAR 690-033-0120 (**DIV331**) **(not allowed 4/15 - 9/30)**					☐ UPPER COLUMBIA AND STATEWIDE (**DIV334**) **(not allowed 4/15 - 9/30)**
☐ LOWER COLUMBIA OAR 690-033-0220 (**DIV332**)					☐ LOWER COLUMIA AND STATEWIDE (**DIV335**)
☐ STATEWIDE ONLY OAR 690-033-0330 (**DIV333**)					

Measurement, Recording, and Reporting Conditions

PR	CW	
☐	☐	**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 GW.* • *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.*

Other Information

PR	CW								
☑	☑	Is App within a District boundary?	☑ No	☐ Yes	cc:				
☑	☑	MU or QM	☑ No	☐ Yes	☐ **change construction finding to 20 years**				
☑	☑	Form M reviewed	☑ NA	☐ Yes	Recommendations:				
☑	☑	Storage Contract	☑ NA	☐ BOR	☐ Doug Co	☐ CORP	☐ Needed	☐ Obtained	#
☑	☑	POD is within North Umpqua or Tenmile Lake for DO and spreadsheet was updated	☑ NA	☐ Yes					
☑	☑	Forms included	☑ NA	☐ HC Exception (receipts/well logs attached)	☐ Spring Description	☐ Form M			
☑	☑	App/Map meet minimum requirements	☑ Yes	☐ No	Missing?				
☑	☑	Letter format	☑ Good	☐ Bad	☐ Limited				
☑	☑	Scanned images exist for application and map							
☑	☐								

IR Signatures

Caseworker: Kim R. French	Date: 7/11/19
Peer Reviewer signature: [signature]	Date 7/23/2019

Oregon Water Resources Department
Point of Diversion Characteristics

Main Help
Return Contact Us

Point of Diversion Characteristics

Right:	App: G 18800 *
Name:	CROSSROADS LAND LLC

TRSQQ: 05.00S-02.00W-23-NWSW

County: Marion
Basin: Willamette
WM District: 16
WM Region: NW
Withdrawn Area:
WAB: MILL CR > PUDDING R - AT MOUTH (30200901)
Priority WAB: MILL CR @ mouth (OWRD: Good, ODFW: Moderate) (30200901)
PUDDING R @ 14202000 (OWRD: Fair, ODFW: High) (14202000)
Rule 4D: Rules apply
Groundwater Restricted Area:
Scenic Water Way:
Division 33: Lower Columbia, Statewide
Water Quality Limited:

√no PSI

Oregon Water Resources Department
Water Rights with Coincident Places of Use

Place of Use Conflict Report

The following rights have acreage in the same quarter-quarter as App: G 18800 *

Right	Name	Decree	App	Permit	Cert	Priority	Status	Use	T-R-S-QQ	DLC	Gov't Lot	Acres
PERMIT G 11892 *	LINDA BAUMGARDNER		G-12472	G-11892		4/4/1991	NC	IR	05.00S-02.00W-23-NWSW			12.8000
PERMIT G 11618 *	GOLDEN VALLEY EAST LLC		G-12921	G-11618		5/15/1992	NC	IR	05.00S-02.00W-23-NWSW			7.0000
CERT 89753 (RR) *	JOHN WEISZ JR		G-13331	G-12096	89753	3/18/1993	NC	IR	05.00S-02.00W-22-NESE			6.1000
PERMIT G 17865 *	CROSSROADS LAND LLC		G-18383	G-17865		9/12/2016	NC	IR	05.00S-02.00W-23-NWSW			12.6000
APP P 77010 *			P-77010			1/3/1995	NC	LW	05.00S-02.00W-23-			

ND CONFLICT

WATER RESOURCES DEPARTMENT

DIVISION 502

WILLAMETTE BASIN PROGRAM

690-502-0160

Groundwater Classifications and Conditions

(2) Groundwater Classification: The groundwater resources of the Willamette Basin are classified for domestic, livestock, irrigation, municipal, industrial, agricultural, commercial, power, mining, recreation, fish life, wildlife, pollution abatement, wetland enhancement and statutorily exempt groundwater uses except as described in OAR 690-502-0170 to 690-502-0210.

Groundwater Application Review Summary Form

Application # G- 18800

GW Reviewer Travis Brown Date Review Completed: 6/19/19

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.

JT 6/20/19

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

June 19, 2019

TO: Application G- 18800

FROM: GW: Travis Brown
(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.

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

PUBLIC INTEREST REVIEW FOR GROUNDWATER APPLICATIONS

TO: Water Rights Section Date 6/19/2019
FROM: Groundwater Section Travis Brown
Reviewer's Name
SUBJECT: Application G- 18800 Supersedes review of
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: **Crossroads Land, LLC** County: **Marion**

A1. Applicant(s) seek(s) 0.42 cfs from 1 well(s) in the Willamette Basin, Molalla-Pudding subbasin

A2. Proposed use Irrigation (25.4 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	MARI 67957	1	Alluvium	0.42	5S/2W-23 NW-SW	**App: 1600' N, 5' E fr NE cor DLC 54[a] OWRD: 1690' N, 85' W fr NE cor DLC 54**

* 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	185	121	39.21	3/26/2019	343	0-37	+2-297 (16")	258-300 (12") 336-343 (12")	300-313 (Scrn) 313-336 (Perf)	1,100	83.2	Pump

Use data from application for proposed wells.

A4. **Comments:** The proposed POA/POU is located ~0.4 miles northwest of the City of Gervais, Oregon. The maximum annual volume of appropriation for the proposed irrigated acreage is 63.5 af based on the applicable duty of 2.5 af/acre.

[a] **There appears to be a ~125 ft difference between the location of MARI 67957 (POA 1) as described in the application and the physical well location measured during a well inspection by Department staff on January 11, 2018. Both locations are included in the table above. This review uses the location provided by the Department well inspector as the most accurate location for assessing potential impacts of the proposed use.** Should the applicant correct the proposed POA location to correspond to the location identified by Department staff, an additional/revised groundwater review should not be required.

A5. ☐ **Provisions of the** Willamette 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 proposed POA is greater than ¼ mile from the nearest surface water source and produces water from a confined aquifer; therefore, per OAR 690-502-0240, the relevant Willamette Basin rules (OAR 690-502-0140) do not apply.

A6. ☐ **Well(s) #** _____, _____, _____, _____, _____, tap(s) an aquifer limited by an administrative restriction.
Name of administrative area: **N/A**
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. * 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:
   i. ☒ The permit should contain condition #(s) **7n (annual measurement condition), large water-use reporting**;
   ii. ☒ The permit should be conditioned as indicated in item 2 below.
   iii. ☐ 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 **alluvial** 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: Groundwater for the proposed use cannot be determined to be over-appropriated due to insufficient available data regarding rates of recharge and the current quantity of groundwater withdrawals from the aquifer system.**

POA 1 (MARI 67957) produces water primarily from ~36 ft of gravel and sand between ~299 and 335 ft below land surface (bls). This gravel and sand is considered part of the Willamette Aquifer, and is overlain by interbedded clays, silts, sands, and gravels. The well log for MARI 67957 indicates several shallow sand and gravel layers between 14 and 28 ft thick. From land surface to ~121 ft bls, the well log indicates predominantly clay (the Willamette Silt of Woodward et al., 1998).

Permit G-17865 authorizes the applicant to divert up to 1.29 cfs (~579 gpm) from MARI 67957. This application requests an additional 0.42 cfs (~188 gpm) from MARI 67957 (POA 1), which would result in a total pumping rate of up to 1.71 cfs (~767 gpm) from MARI 67957. The yield reported for MARI 67957 on its water well report is 1,100 gpm (~2.45 cfs) so the well would appear to be capable of diverting the requested amount. Reported static water levels for wells completed to similar depths as MARI 67957 do not indicate persistent or widespread declines in the alluvial aquifer (see attached Hydrograph).

The nearest known water supply well completed in a water-bearing zone (WBZ) similar to POA 1 (MARI 67957) is MARI 18033, authorized POA for Certificate 89753 and Permit G-11852, ~6,365 ft north of POA 1 (MARI 67957). Theis (1935) drawdown analysis of potential well-to-well interference with MARI 18033 does not indicate that the proposed use would deprive the users of MARI 18033 of their customary use of groundwater (see Theis Drawdown at MARI 18033, attached).

POA 1 (MARI 67957) is ~200 ft southwest of the permitted location of MARI 17295, authorized POA for Permit G-11618. Although MARI 17295 also produces water from saturated sands and gravels below the Willamette Silt, MARI 17925's production zone is ~146 ft above the production zone of POA 1 (MARI 67957), with at least 60 ft of the intervening depth noted as "clay" or "claystone" in the well log for MARI 67957. These intervening clay layers may act as confining or leaky confining units, thereby insulating MARI 17295 from direct well-to-well interference due to pumping of POA 1 (MARI 67957). However, to protect the senior users of MARI 17295 and others, it is recommended that the conditions specified in B(1)(d)(i) and B(2)(c) be applied to any permit issued for the proposed use.

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	**Alluvium of Willamette Aquifer**	☒	☐

Basis for aquifer confinement evaluation: The water well report for MARI 67957 (POA 1) indicates a static water level more than 80 feet above the first-encountered water bearing zone. Nearby water well reports likewise indicate static water levels within the depth range of the shallow, fine-grained sediments of the Willamette Silt and above the shallowest reported water bearing zones (see Water Well Statistics, attached) (Woodward et al, 1998). Based on the available evidence, the aquifer tapped by proposed POA 1 (MARI 67597) is predominantly confined.

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? YES	NO	ASSUMED	Potential for Subst. Interfer. Assumed? YES	NO
1	1	**Sam Brown Creek**	**146**	**~155**	**~9,000**	☒	☐	☐	☐	☒
1	2	**Senecal Creek**	**146**	**~170**	**~11,000**	☒	☐	☐	☐	☒

Basis for aquifer hydraulic connection evaluation: There are no perennial stream reaches within 1 mile of POA 1 (MARI 67957).

The nearest perennial reaches of Sam Brown Creek (SW 1) and Senecal Creek (SW 2) are approximately 9,000 ft and 11,000 ft, respectively, from POA 1 (MARI 67957). The measured groundwater level elevation for POA 1 (MARI 67957) is similar enough to the surface water elevations on SW 1 and SW 2 to assume some degree of hydraulic connection. Furthermore, water table maps of the area indicate that groundwater in the alluvial aquifer system flows toward and discharges into local streams incised into the French Prairie plateau (Gannett and Caldwell, 1998). These facts indicate that the alluvial aquifer is hydraulically connected to local surface water.

Water Availability Basin the well(s) are located within: SW 1: PUDDING R > MOLALLA R – AB MILL CR
SW 2: MILL CR > PUDDING R – AT MOUTH

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?
		☐	☐			☐		☐		☐

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: Not Applicable

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
1	2	~0 %	~0 %	~0 %	~0 %	~0 %	~0 %	~0 %	~0 %	~0 %	~0 %	~0 %	~0 %
Well Q as CFS		0	0	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0	0
Interference CFS		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Distributed Wells													
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
(A) = Total Interf.		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
(B) = 80 % Nat. Q		39.20	53.90	38.40	27.60	13.70	8.72	3.79	2.09	1.88	2.39	6.05	25.90
(C) = 1 % Nat. Q		0.392	0.539	0.384	0.276	0.137	0.0872	0.0379	0.0290	0.0188	0.0239	0.0605	0.259
(D) = (A) > (C)													
(E) = (A / B) x 100		~0 %	~0 %	~0 %	~0 %	~0 %	~0 %	~0 %	~0 %	~0 %	~0 %	~0 %	~0 %

(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: SW 2 (Senecal Creek) has substantially lower 80 percent exceedance natural streamflow compared to SW 1 (Sam Brown Creek). Therefore, interference with SW 2 has been evaluated as the conservative case, despite SW 1 being closer to POA 1 (MARI 67957).

Potential depletion of (interference with) SW 2 by the proposed use was estimated using the Hunt (2003) analytical stream depletion model. Hydraulic parameters used for the analysis were derived from regional data and studies (Pumping Test Reports; Conlon et al., 2003, 2005; Iverson, 2002; McFarland and Morgan, 1996; Woodward et al., 1998) or are within a typical range of values for the parameter within the hydrogeologic regime (Freeze and Cherry, 1979; Domenico and Mifflin, 1965). The well pumping rate for the analysis was determined by distributing the combined maximum annual volume of appropriation (321.25 af) over the total season of use (245 days).

The Hunt (2003) model results indicate that depletion of SW 2 is expected to be negligible one year after the proposed use begins. The thick deposits of low-permeability Willamette Silt overlying the Willamette Aquifer in this area and the relatively great distance from the POA to hydraulically-connected surface water provide an effective buffer from stream depletion effects within the period of evaluation.

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:** The proposed use is not anticipated to have the potential for substantial interference with nearby surface water.

References Used:

Application File: G-18800, G-18383

Permit G-11618

Pumping Test Files: MARI 1901, 2437, 2614, 2634, 2651, 2655, 2656, 2659, 2681, 18489, 18805, 53043

Conlon, T.D., Lee, K.K., and Risley, J.R., 2003, Heat tracing in streams in the central Willamette Basin, Oregon, in Stonestrom, D.A. and Constantz, Jim, eds., Heat as a tool for studying the movement of groundwater near streams: U.S. Geological Survey Circular 1260, chapter 5, p. 29-34.

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

Domenico, P.A. and Mifflin, 1965, Water from low-permeability sediments and land subsidence: Water Resource Research, v. 1, no. 4, p. 563-576.

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

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

Hunt, B., 2003, Unsteady stream depletion when pumping from semiconfined aquifer: Journal of Hydrologic Engineering, January/February, 2003.

Iverson, J., 2002, Investigation of the hydraulic, physical, and chemical buffering capacity of Missoula flood deposits for water quality and supply in the Willamette Valley of Oregon: Unpublished M.S. thesis, Oregon State University, 147 p.

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

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

United States Geological Survey, 2013, National Elevation Dataset (NED) [DEM geospatial data], 1/9th arc-second, updated 2013.

United States Geological Survey, 2017, *Gervais quadrangle*, Oregon [map], 1:24,000, 7.5 minute topographic series, U.S. Department of the Interior, Reston, Virginia.

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

Watershed Sciences, 2009, LIDAR remote sensing data collection, Department of Geology and Mineral Industries, Hood to Coast 2009, Portland, OR, May 27.

D. WELL CONSTRUCTION, OAR 690-200

D1. **Well #:** _____ **Logid:** _____

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

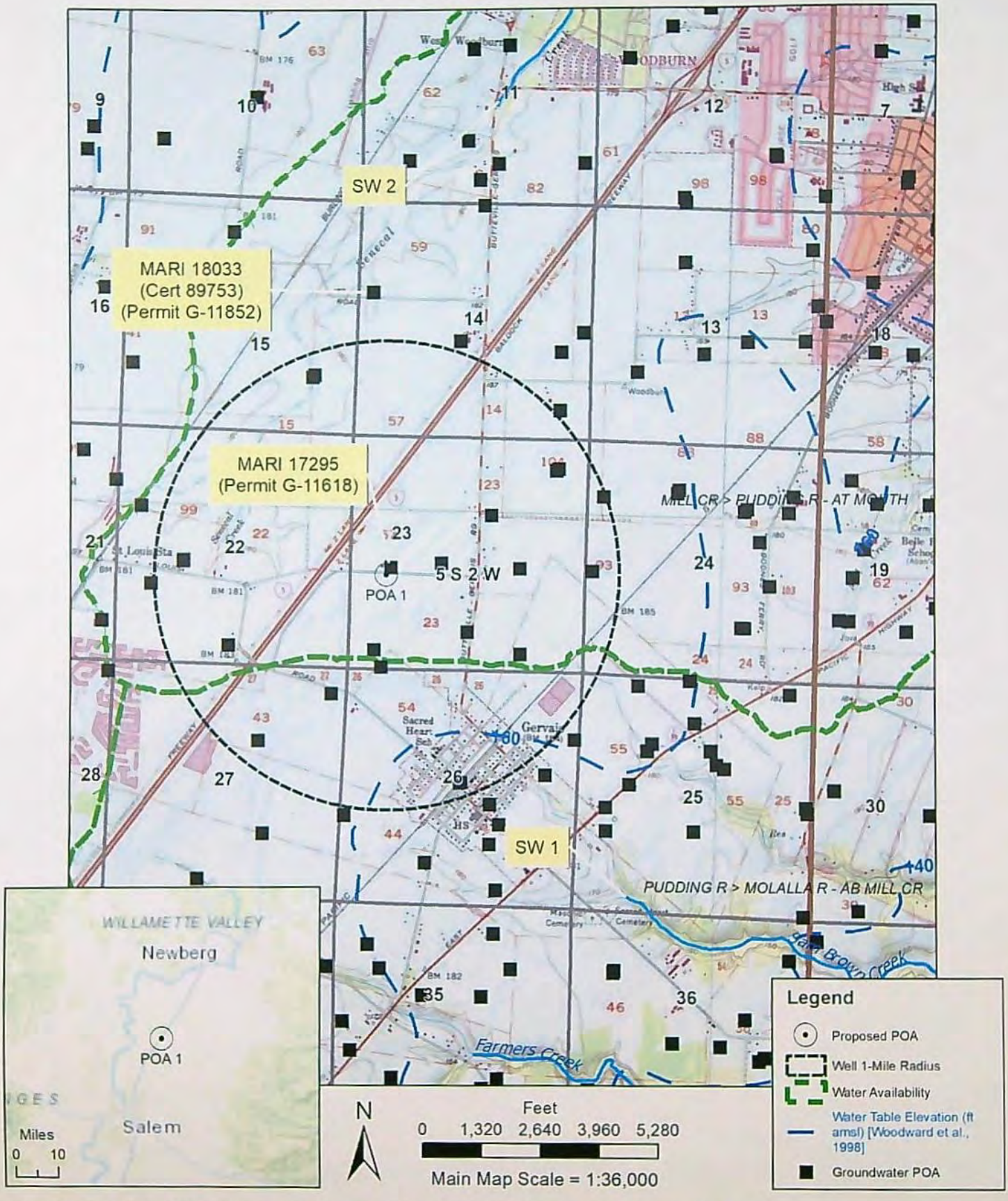
a. ☐ review of the well log;
b. ☐ field inspection by _____;
c. ☐ report of CWRE _____;
d. ☐ other: (specify) _____

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.**

Well Location Map

G-18800 Crossroads Land, LLC



Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community
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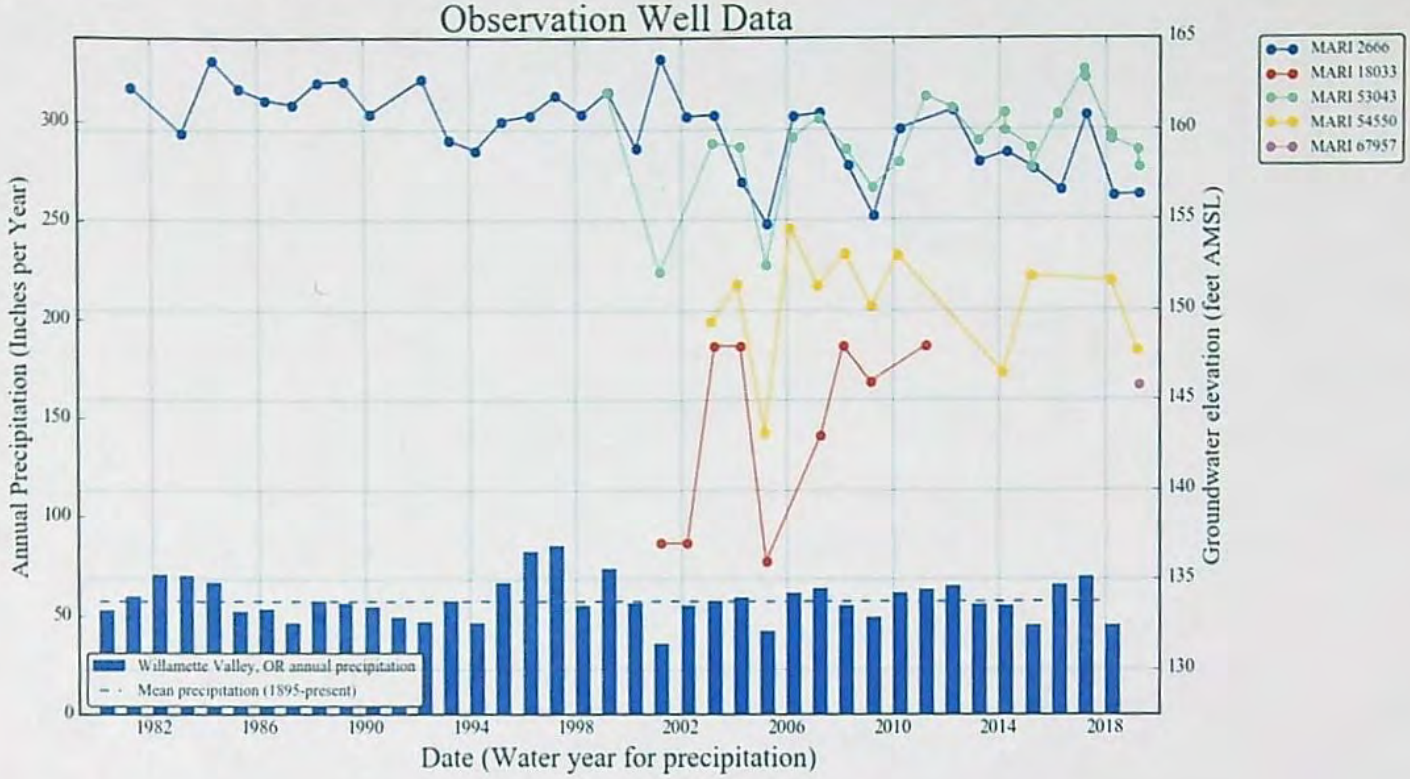
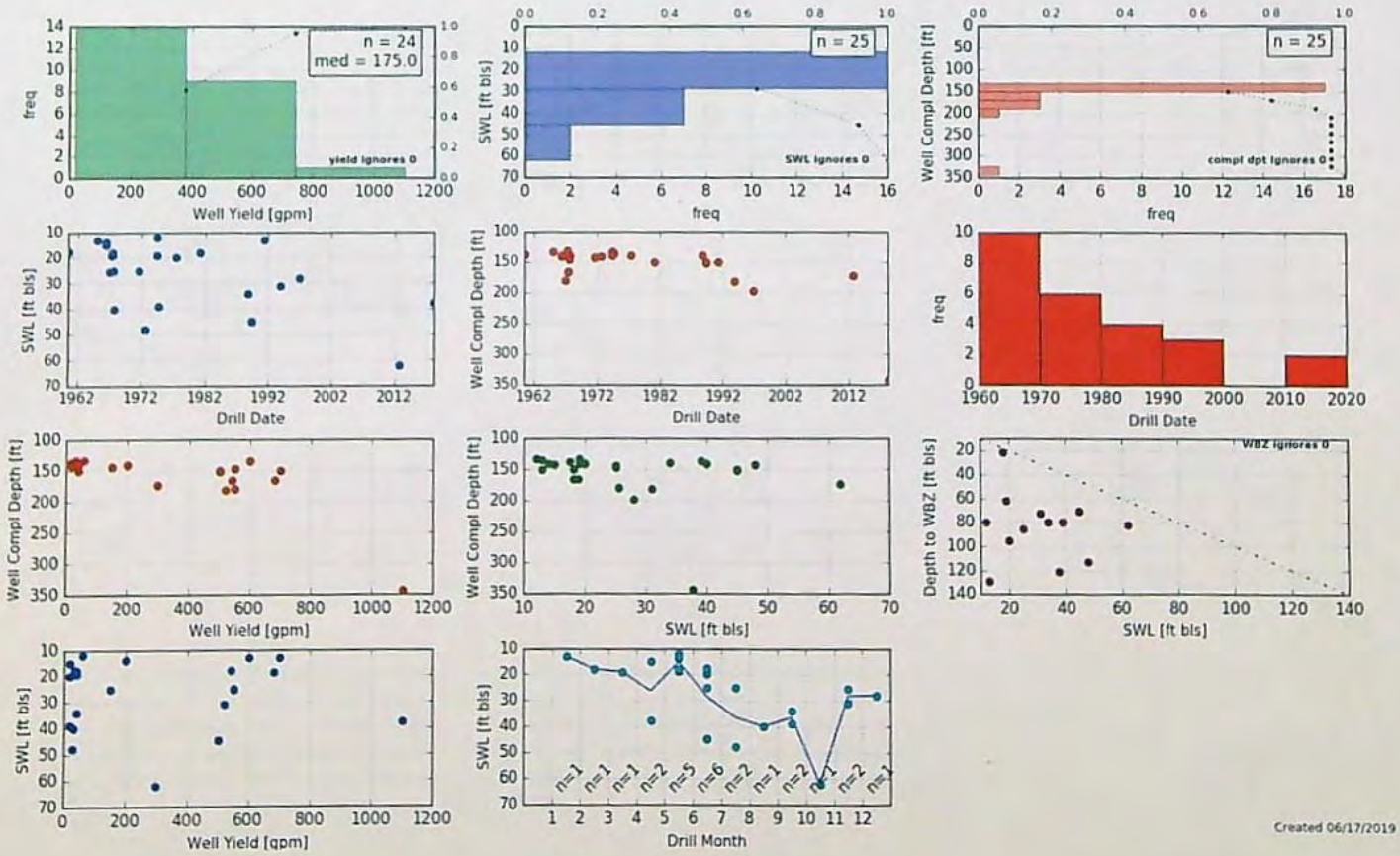
Hydrographs – Annual Precipitation and Annual Spring Water Levels for Obs Wells > 250 ft bls



Water Well Statistics – T5S/R2W-23



Theis Drawdown at MARI 18033

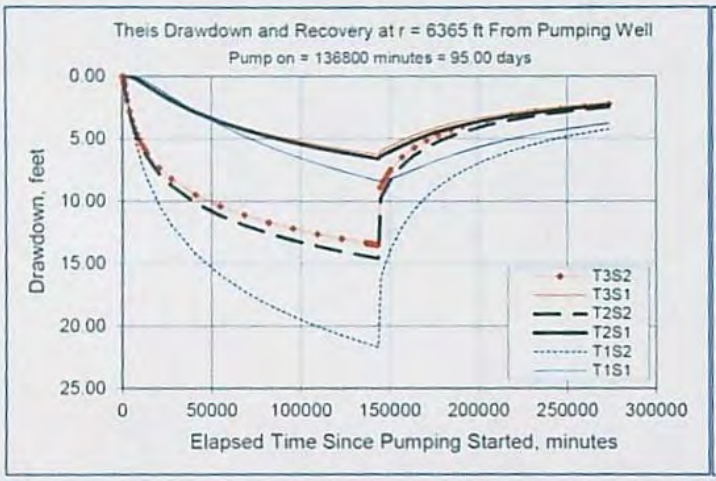
Theis Time-Drawdown Worksheet v.3.00

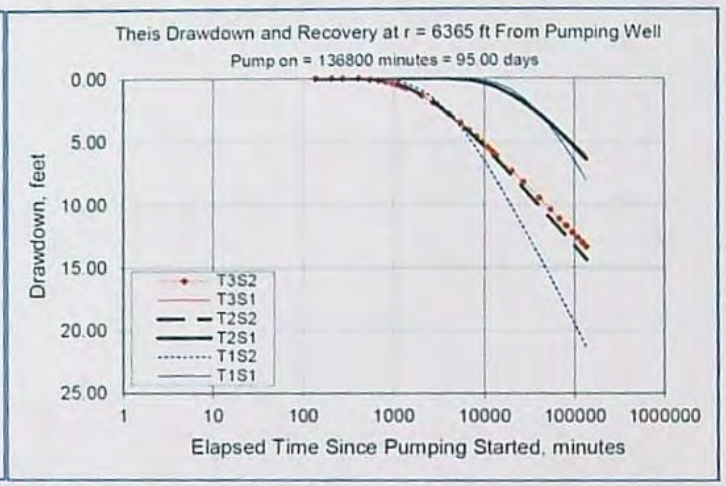
Calculates Theis nonequilibrium drawdown and recovery at any arbitrary radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and 2 different S values.

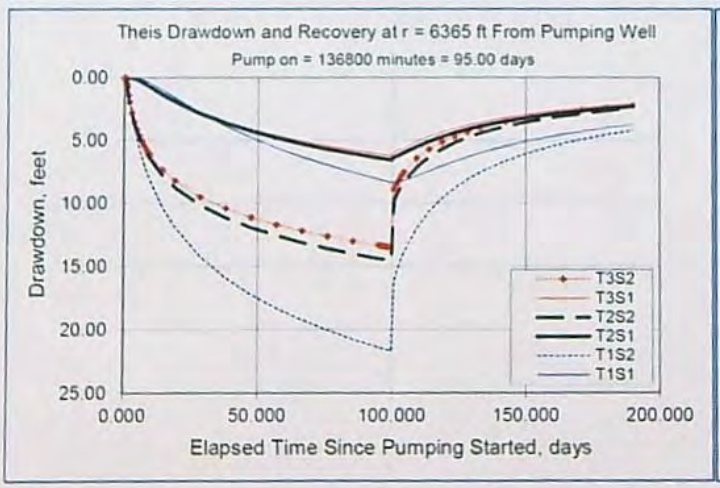
Written by Karl C. Wozniak September 1992. Last modified December 30, 2014

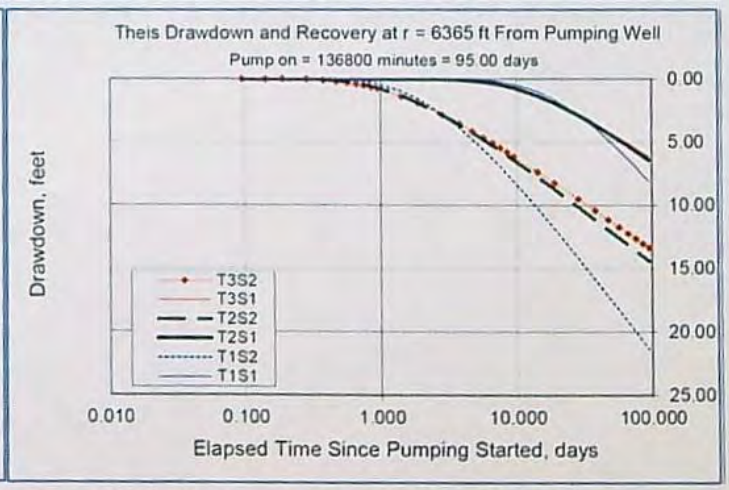
Input Data:	Var Name	Scenario 1	Scenario 2	Scenario 3	Units	
Total pumping time	t		95		d	
Radial distance from pumped well:	r		6365.00		ft	Q conversions
Pumping rate	Q		767.0		gpm	767.00 gpm
Hydraulic conductivity	K	48	81	90	ft/day	1.71 cfs
Aquifer thickness	b		40		ft	102.54 cfm
Storativity	S_1		0.00320			147,657.75 cfd
	S_2		0.00032			3.39 af/d
Transmissivity Conversions	T_f2pd	1,900	3,255	3,600	ft2/day	
	T_ft2pm	1.3194	2.2604	2.5000	ft2/min	
	T_gpdpft	14,212	24,347	26,928	gpd/ft	

Use the Recalculate button if recalculation is set to manual









- Total pumping time represents time to reach combined maximum annual volume (321.25 af) at combined rate of 767 gpm (1.71 cfs).
- Transmissivity values represent 25th, 50th (median), and 75th percentile values from analyzed pumping tests.
- Storativity representative of sand and gravel aquifer (Domenico and Mifflin, 1965).

Water Availability Tables

Water Availability Analysis
Detailed Reports

MILL CR > PUDDING R - AT MOUTH
WILLAMETTE BASIN

Water Availability as of 6/18/2019

Watershed ID # 30200901 (Map) Exceedance Level 80%
Date 6/18/2019 Time 1:41 PM

Water Availability Calculation | Consumptive Uses and Storages | Instream Flow Requirements | Reservations
Water Rights | Watershed Characteristics

Water Availability Calculation

Monthly Streamflow in Cubic Feet per Second
Annual Volume at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Uses and Storages	Expected Stream Flow	Reserved Stream Flow	Instream Flow Requirement	Net Water Available
JAN	39.20	9.82	29.40	0.00	0.00	29.40
FEB	53.90	9.97	43.90	0.00	0.00	43.90
MAR	38.40	9.53	28.90	0.00	0.00	28.90
APR	27.60	7.12	20.50	0.00	0.00	20.50
MAY	13.70	5.68	8.02	0.00	0.00	8.02
JUN	8.72	6.94	1.78	0.00	0.00	1.78
JUL	3.79	10.60	-6.83	0.00	0.00	-6.83
AUG	2.09	8.64	-6.55	0.00	0.00	-6.55
SEP	1.88	4.72	-2.84	0.00	0.00	-2.84
OCT	2.39	1.25	1.14	0.00	0.00	1.14
NOV	6.05	7.24	-1.19	0.00	0.00	-1.19
DEC	25.90	9.63	16.30	0.00	0.00	16.30
ANN	30,000.00	5,500.00	25,300.00	0.00	0.00	25,300.00

PUDDING R > MOLALLA R - AB MILL CR
WILLAMETTE BASIN

Water Availability as of 6/18/2019

Watershed ID # 151 (Map) Exceedance Level 80%
Date 6/18/2019 Time 2:11 PM

Water Availability Calculation | Consumptive Uses and Storages | Instream Flow Requirements | Reservations
Water Rights | Watershed Characteristics

Water Availability Calculation

Monthly Streamflow in Cubic Feet per Second
Annual Volume at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Uses and Storages	Expected Stream Flow	Reserved Stream Flow	Instream Flow Requirement	Net Water Available
JAN	1,040.00	125.00	915.00	0.00	36.00	879.00
FEB	1,180.00	114.00	1,070.00	0.00	36.00	1,030.00
MAR	1,010.00	76.10	934.00	0.00	36.00	898.00
APR	787.00	51.90	735.00	0.00	36.00	699.00
MAY	425.00	49.90	375.00	0.00	36.00	339.00
JUN	224.00	71.50	153.00	0.00	36.00	117.00
JUL	109.00	112.00	-3.34	0.00	36.00	-39.30
AUG	71.00	92.00	-21.00	0.00	36.00	-57.00
SEP	67.30	52.20	15.10	0.00	36.00	-20.90
OCT	91.60	11.10	80.50	0.00	36.00	44.50
NOV	363.00	48.50	314.00	0.00	36.00	278.00
DEC	957.00	118.00	839.00	0.00	36.00	803.00
ANN	706,000.00	55,700.00	650,000.00	0.00	26,100.00	626,000.00

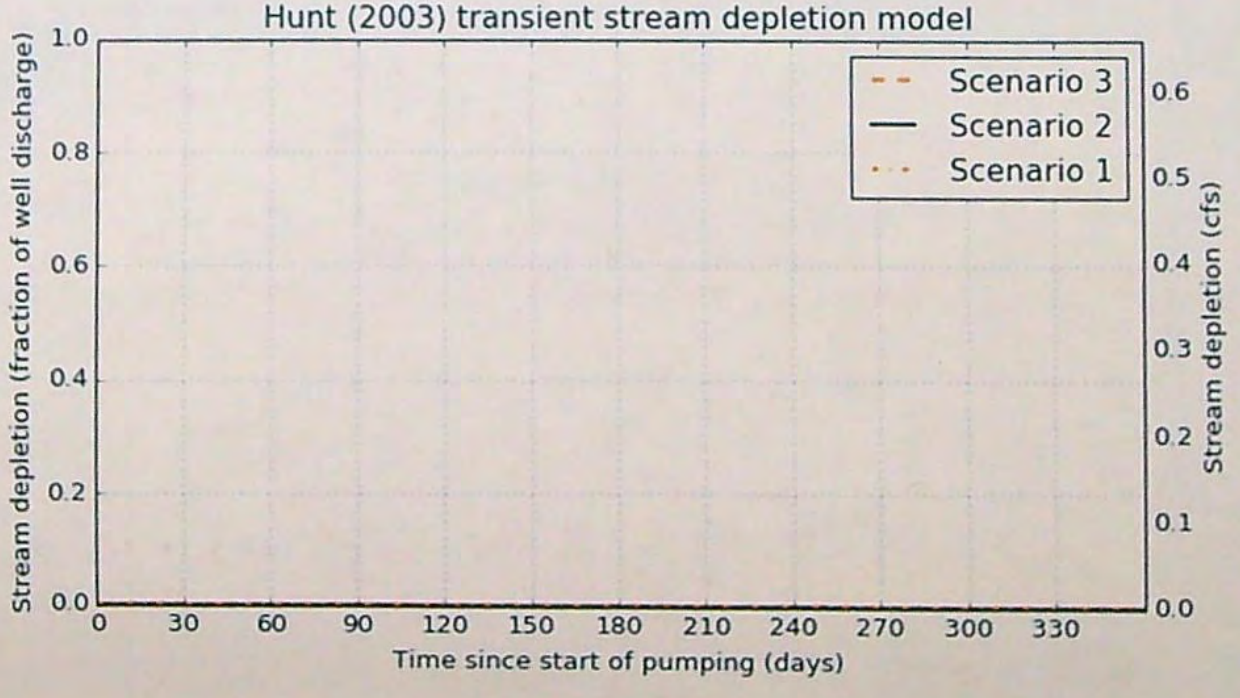
Stream Depletion Analysis – SW 1

Application type:	G
Application number:	18800
Well number:	1
Stream Number:	1
Pumping rate (cfs):	0.66
Pumping duration (days):	245.0
Pumping start month number (3=March)	3.0

Parameter	Symbol	Scenario 1	Scenario 2	Scenario 3	Units
Distance from well to stream	a	9000.0	9000.0	9000.0	ft
Aquifer transmissivity	T	1900.0	3255.0	3600.0	ft2/day
Aquifer storativity	S	0.0032	0.001	0.00032	-
Aquitard vertical hydraulic conductivity	Kva	0.001	0.0032	0.01	ft/day
Aquitard saturated thickness	ba	260.0	190.0	80.0	ft
Aquitard thickness below stream	babs	260.0	190.0	80.0	ft
Aquitard specific yield	Sya	0.2	0.2	0.2	-
Stream width	ws	15.0	15.0	15.0	ft

Stream depletion for Scenario 2:

Days	10	330	360	30	60	90	120	150	180	210	240	270	300
Depletion (%)	0	0	0	0	0	0	0	0	0	0	0	0	0
Depletion (cfs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



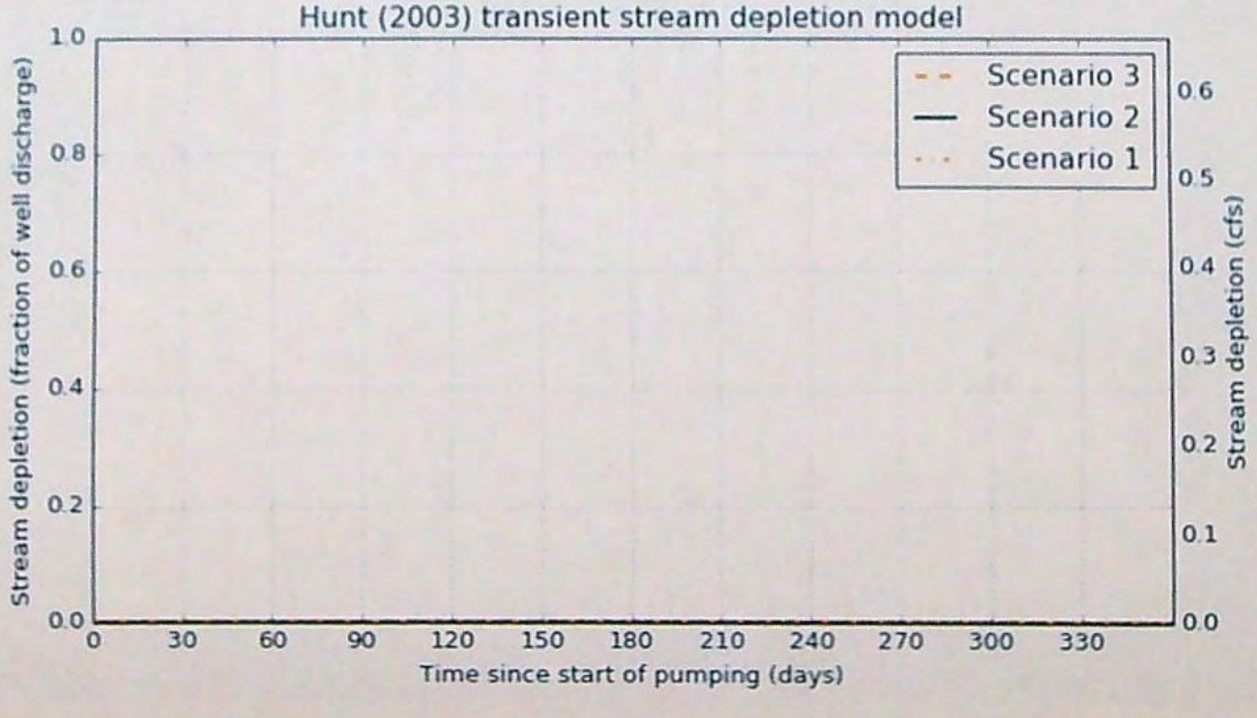
Stream Depletion Analysis – SW 2

Application type:	G
Application number:	18800
Well number:	1
Stream Number:	2
Pumping rate (cfs):	0.66
Pumping duration (days):	245.0
Pumping start month number (3=March)	3.0

Parameter	Symbol	Scenario 1	Scenario 2	Scenario 3	Units
Distance from well to stream	a	11000.0	11000.0	11000.0	ft
Aquifer transmissivity	T	1900.0	3255.0	3600.0	ft2/day
Aquifer storativity	S	0.0032	0.001	0.00032	-
Aquitard vertical hydraulic conductivity	Kva	0.001	0.0032	0.01	ft/day
Aquitard saturated thickness	ba	260.0	190.0	80.0	ft
Aquitard thickness below stream	babs	260.0	190.0	80.0	ft
Aquitard specific yield	Sya	0.2	0.2	0.2	-
Stream width	ws	15.0	15.0	15.0	ft

Stream depletion for Scenario 2:

Days	10	330	360	30	60	90	120	150	180	210	240	270	300
Depletion (%)	0	0	0	0	0	0	0	0	0	0	0	0	0
Depletion (cfs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



OK.

MEMO

To: Kristopher Byrd, Well Construction and Compliance Section Manager

From: Joel Jeffery, Well Construction Program Coordinator

Subject: Review of Water Right Application G-18800

Date: July 1, 2019

The attached application was forwarded to the Well Construction and Compliance Section by Water Rights. Travis Brown reviewed the application. Please see Travis's review and the Well Log.

Applicant's Well #1 (MARI 67957): Based on a review of the Well Report, Applicant's Well #1 seems to protect the groundwater resource.

The construction of Well #1 may not satisfy hydraulic connection issues.

MARI 67957

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

WELL I.D. LABEL# L 120925
START CARD # 215093
ORIGINAL LOG #

MARI 67957

(1) LAND OWNER
Owner Well I.D.
First Name Blake Last Name Crosby
Company crossroads llc
Address 8648 crosby rd. NE
City Woodburn State OR Zip 97071

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

(2a) PRE-ALTERATION
	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
Casing:									

	Material	From	To	Amt	sacks/lbs
Seal:					

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

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

(5) BORE HOLE CONSTRUCTION
Special Standard [ ] (Attach copy)
Depth of Completed Well 343 ft.

BORE HOLE

Dia	From	To
20	0	37
16	37	343

SEAL

Material	From	To	Amt	sacks/lbs
Bentonite Chips	0	37	41	S
		Calculated	29	
		Calculated		

How was seal placed: Method [ ] A [ ] B [ ] C [ ] D [ ] E
[X] Other Oar 690-210-0340
Backfill placed from ft. to ft. Material
Filter pack from 297 ft. to 343 ft. Material 1/8 to 3/8 Size pea gravel
Explosives used: [ ] Yes Type Amount

(5a) ABANDONMENT USING UNHYDRATED BENTONITE
Proposed Amount Pounds Actual Amount Pounds

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
●	○	16	X	2	297.33	375	●	○	X	
○	●	12		258	343	250	●	○	X	
○	○						○	○		
○	○						○	○		
○	○						○	○		
○	○						○	○		

Shoe [ ] Inside [X] Outside [ ] Other Location of shoe(s) 297.33
Temp casing [ ] Yes Dia From To

(7) PERFORATIONS/SCREENS
Perforations Method torch
Screens Type v wire Material stainless

Perf/Screen	Casing/Liner	Screen Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/pipe size
Screen		12	300.17	304.42	.07			12
Screen		12	304.42	308.42	.15			12
Screen		12	308.42	312.8	.25			12
Perf		12	313	324	.375	6	132	12
Perf		12	324	336	.5	6	142	12

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

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
1,100	81.3	160	2
1,100	83.2	160	5

Temperature 53 °F Lab analysis [ ] Yes By
Water quality concerns? [ ] Yes (describe below) TDS amount 88 ppm

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)
County MARION Twp 5 S N/S Range 2 W E/W WM
Sec 23 NW 1/4 of the SW 1/4 Tax Lot 2000
Tax Map Number Lot
Lat ° ' " or DMS or DD
Long ° ' " or DMS or DD
( ) Street address of well (●) Nearest address
7645 Jensen Rd. Gervais , OR

(10) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Pre-Alteration				
Completed Well	04-01-2018			37.7

Flowing Artesian? [ ] Dry Hole? [ ]

WATER BEARING ZONES Depth water was first found 121

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
01-25-2018	121	149	250			34
02-06-2018	188	205	500			35.3
02-20-2018	229	243	300			36.2
03-02-2018	299	235	2,000			37.7

(11) WELL LOG
Ground Elevation

Material	From	To
top soil	1	2
clay brown	2	20
clay grey	20	37
clay dark grey	37	72
clay dark grey , sandy hard	72	78
sand,silt, dark grey	78	109
clay brown	109	111
clay brown sandy	111	121
gravel 80% , Sand black	121	142
cemented sand and gravel	142	149
clay grey sandy	149	152
sand and silt, greenish grey	152	170
silt grey	170	188
sand and gravel	188	201
sand black	201	205
clay grey sticky	205	211
clay grey , med	211	229
gravel and sand , some clay	229	243
sand black	243	246

RECEIVED
JUN 13 2018
OWRD

Date Started 01-03-2018 Completed 04-30-2018

(unbonded) Water Well Constructor Certification
I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
License Number 1704 Date 05-09-2018
Signed

(bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
License Number 783 Date 05-09-2018
Signed Ivan Grossen
Contact Info (optional)

ORIGINAL - WATER RESOURCES DEPARTMENT
THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version: 0.95

MARI 67957

WATER SUPPLY WELL REPORT - continuation page

WELL I.D. LABEL# L 120925
START CARD # 215093
ORIGINAL LOG #

MARI 67957

(2a) PRE-ALTERATION

Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

Material	From	To	Amt	sacks/lbs

(5) BORE HOLE CONSTRUCTION

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

FILTER PACK

From	To	Material	Size

(6) CASING/LINER

Casing Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

(7) PERFORATIONS/SCREENS

Perf/Screen	Casing/Liner	Screen Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/pipe size

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

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(10) STATIC WATER LEVEL

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)

(11) WELL LOG

Material	From	To
clay , greenish gery	246	249
clay brown	249	252
clay dark grey	252	257
sand black	257	259
clay dark grey	259	269
claystone grey	269	274
silt dark greenish grey	274	279
sand black	279	286
clay greenish grey	286	293
claystone soft greenish grey	293	296
silt greenish grey	296	299
gravel 70%, sand	299	335
clay greenish grey	235	343

RECEIVED
JUN 13 2018
OWRD

Comments/Remarks

bottom plate 343
lifting bar at 341.34

3" side band welded on outside of top end of 12" pipe to reinforce with centering guilds

#5

Oregon Water Resources Department
Ground Water Application

Main Help
Return Contact Us

Today's Date: Tuesday, March 12, 2019

Base Application Fee.		$1,340.00
Number of proposed cubic feet per second (cfs) to be appropriated. (1 cfs = 448.83 gallons per minute)	0.42	$350.00
Number of proposed Use's for the appropriated water. (i.e. Irrigation, Supplemental Irrigation, Pond Maintenance, Industrial, Commercial, etc) *	1	
Number of proposed Ground Water points of appropriation. (i.e. number of wells) (include all injection wells, if applicable) **	1	
Permit Recording Fee. ***		$520.00
* 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		$2,210.00

OWRD Fee Schedule

Fee Calculator Version B20170117

G-18800

E-2 Standard Application Completeness Checklist

Yes No

For use with Groundwater and Surface Water Applications Only

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

For use by WRD staff only

Application G-18800 County Marion Priority Date 03/11/19

Township 5S Range 2W Section 22 & 23

Amount 0.42 cfs Use Irrigation WM Dist. # 16

Applicant Name CrossRoads Land, LLC c/o Blake Crosby

Receipt No. 129297 Caseworker Assigned: ☐ Barbe ☒ Kim ☐ Lisa ☐ Scott

☑ Applicant/Organization Name and Mailing Address

☑ Signature of *all* applicants (include title or authority of representative if applicant is an organization or corporation). *Applicant's agent may NOT sign application.

☑ Property Ownership: Does the applicant own all the land for the proposed project? ☑ Y ☐ N

If No:

N/A ☑ The affected landowner's name(s) and mailing address(s) must be listed

N/A ☑ 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.

N/A ☐ *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)(ORS 537.147).*
- ☐ 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)

☑ Division 33, Public Interest Information (Sensitive, Threatened, Endangered, Fish Species)

☑ Proposed Water Use

- ☑ Amount of water from *each* source in GPM, CFS, or AF (63.5)
- ☑ Period of use indicated
- N/A ☐ If for supplemental irrigation, primary acreage or underlying permit or certificate number listed (*Primary and Supplemental Irrigation counts as 2 uses*)

☑ Water Management Section (*Estimates if the water system has not been designed*)

☑ Resource Protection Section

☑ Project schedule (If system is already completed, indicate "existing.")

- ☐ Supplemental data sheets enclosed (if needed)
  - ☐ Form M (Municipal or Quasi-Municipal)
  - ☐ Spring Description Sheet (if source is a spring)

- ☐ A completed **Land-Use Form** or receipt signed and dated by the appropriate planning department officials. *Please be certain that the Land-Use form lists all lands involved and all uses proposed. Date of signature must be within the past 12 months.*

- ☐ A **Legal Description** of all the properties involved where water is diverted, crossed, and used. The Legal description includes a metes and bounds or other government survey description. A copy of the deed, land sales contract or title insurance policy can provide this information, or applicant may submit a lot book report prepared by a title company. Copies of tax bills are not acceptable.

- ☐ The proposed source **IS / IS NOT** (circle one) restricted or withdrawn from further appropriation. *NOTE: If it is withdrawn under ORS 538, return application and fees.*

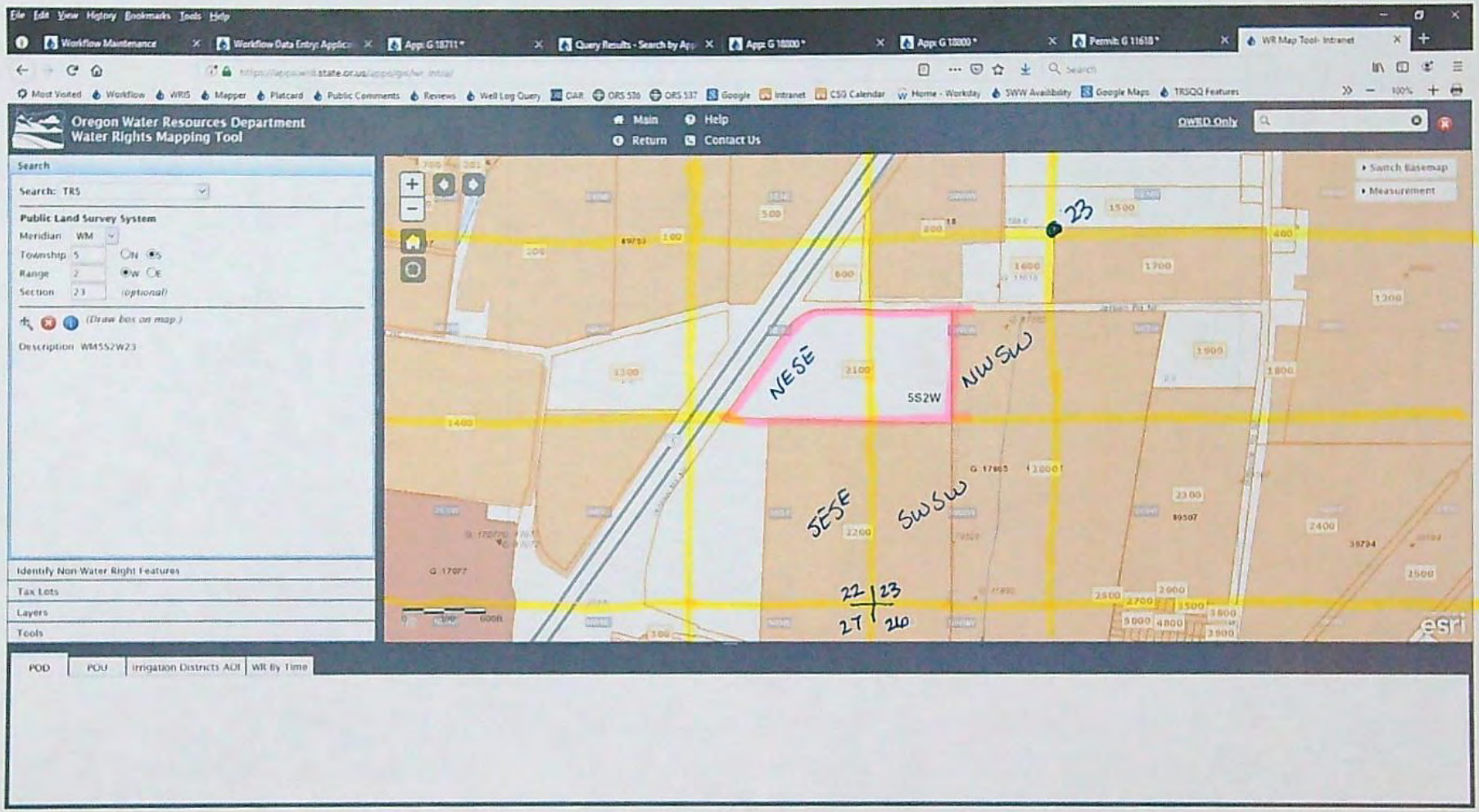
- ☐ The **map** must meet all the minimum requirements of OAR 690-310-0050.
  - ☐ Township, Range, Section
  - ☐ Location of main canals, ditches, pipelines or flumes (if POA/POD is outside of POU)
  - ☐ Place of use, ¼-¼'s and tax lot clearly identified
  - ☐ Even map scale not less than 4" = 1 mile (1"= 1320 ft.); examples: 1" = 100 ft., 1" = 200 ft.
  - ☐ Location of *each* diversion point or well by reference to a recognized public land survey corner. Multiple wells shall be uniquely labeled, and identified on well logs, if existing.
  - ☐ Reference corner on map
  - ☐ North Directional Symbol
  - ☐ Number of acres per ¼ ¼ if for irrigation, nursery, or agriculture

- ☐ **Fees: Print out from Fee Calculator**

Total Fees	$_____
Fee Paid	$_____
Amount Due	$_____

Reviewed by: Judy Ferrell Date: 03/12/19
Mary Bjore 3-12-19

WORK COPY


Oregon Water Resources Department
Water Rights Mapping Tool
Main
Help
Return
Contact Us
OWRD Only
Search
Search: TRS
Public Land Survey System
Meridian WM
Township 5 N S
Range 2 W E
Section 23 (optional)
(Draw box on map)
Description WM5S2W23
Identify Non-Water Right Features
Tax Lots
Layers
Tools
Switch Basemap
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Oregon Water Resources Department

Water Right Services Division

Water Right Application G-18800 in the name of CROSSROADS LAND LLC	)))	PROPOSED FINAL ORDER

Summary: The Department proposes to issue an order approving Application G-18800 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 the Willamette Basin Program (OAR 690-502). These statutes and rules can be viewed on the following website: https://www.oregon.gov/OWRD/programs/policylawandrules/Pages.default.aspx.

The Department's main website can be found at: https://www.oregon.gov/OWRD.

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 March 11, 2019, Crossroads Land LLC filed a complete application for the following water use:

Source	WELL 1 (MARI 67957/L120925) IN PUDDING RIVER BASIN
Use	IRRIGATION OF 25.4 ACRES
Rate	0.42 CUBIC FOOT PER SECOND (CFS)
County	MARION COUNTY
Place of Use	SECTIONS 22 AND 23, TOWNSHIP 5 SOUTH, RANGE 2 WEST, W.M.

2. On July 26, 2019, the Department mailed the applicant notice of its Initial Review, determining that **"The appropriation of 0.32 CFS of water from Well 1 (MARI 67957/L120925) in Pudding River Basin for irrigation of 25.4 acres is allowable 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 July 30, 2019, 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. The Department that an error was made in the Initial Review. The applicant has provided sufficient information to authorize a rate higher than the general basin-wide standard. Pursuant to ORS 537.621(4), this Proposed Final Order has been corrected to allow a proposed rate of 0.42 CFS for irrigation of 25.4 acres.

5. On August 28, 2019, the applicant submitted an amended map to correctly identify the well location, as requested in the Initial Review.

Presumption Criteria (a) - Consistency with Basin Program

6. The proposed use is allowed under the Willamette Basin Program (OAR 690-502-0160(2)). ORS 537.621(3)(b); OAR 690-310-0150(2)(b)

Presumption Criteria (b) - Water Availability

7. An assessment of groundwater availability has been completed by the Department's Groundwater Section. A copy of this assessment is in the file and can be viewed on the Department's website. 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

8. 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

9. 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)

10. The Department has determined that the proposed groundwater use will not have the potential for substantial interference with surface water. ORS 537.621(3)(b); OAR 690-009-0040(4)

11. The proposed groundwater use is not located within a designated critical groundwater area. ORS 537.620(4)(a), 537.621(3)(a); OAR 690-310-0150(2)(a)

12. 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

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

14. Information available in Department files, received from other interested agencies, and other available information does not provide a preponderance of evidence that the proposed use would not ensure the preservation of the public welfare, safety and health under ORS 537.525. OAR 690-310-0140(3)

Other Criteria and Requirements

15. The proposed use is not located within or above a state scenic waterway, as designated under ORS 390.826. 537.621(3)(a); OAR 690-310-0150(2)(a)

16. The amount requested, 0.42 CFS, is necessary for the proposed use. ORS 537.621(3)(c); OAR 690-310-0150(2)(d)

17. The applicant proposed methods to measure the amount of water appropriated, prevent damage to aquatic life and riparian habitat, prevent discharge of contaminated water to a surface stream, or to prevent damage to public uses of any affected surface waters. These measures are adequate at this time. OAR 690-310-0150(2)(j)

CONCLUSIONS OF LAW

1. The proposed use, as conditioned, 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.

PROPOSED ORDER

The Department recommends approval of Application G-18800 and issuance of a permit consistent with the attached draft permit.

DATED October 15, 2019

Alyssa Mucken
Water Rights Section Manager, 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 by the Water Resources Department no later than **November 27, 2019**. Protests must be in writing and 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, a protest fee of $410 required by ORS 536.050; and
- If you are not the applicant, a 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 **November 27, 2019**. 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 Servicemembers: Active duty servicemembers have a right to stay proceedings under the federal Servicemembers Civil Relief Act. For more information contact the Oregon State Bar at 800-452-8260, the Oregon Military Department at 503-584-3571, or the nearest United States Armed Forces Legal Assistance Office through http://legalassistance.law.af.mil. The Oregon Military Department does not have a toll free telephone number.

- If you have any questions about statements contained in this document, please contact Kim French at Kim.R.French@oregon.gov or 503-986-0816.
- 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 503-986-0900.
- Address any correspondence to : Water Right Services Division
  725 Summer St NE, Suite A
  Fax: 503-986-0901 Salem, OR 97301-1266

STATE OF OREGON

COUNTY OF MARION

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS DRAFT PERMIT IS HEREBY ISSUED TO

CROSSROADS LAND LLC
C/O BLAKE CROSBY
8648 CROSBY RD NE
WOODBURN OR 97071

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

APPLICATION FILE NUMBER: G-18800

SOURCE OF WATER: WELL 1 (MARI 67957/L120925) IN PUDDING RIVER BASIN

PURPOSE OR USE: IRRIGATION OF 25.4 ACRES

MAXIMUM RATE: 0.42 CUBIC FOOT PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: MARCH 11, 2019

WELL LOCATION:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
5 S	2 W	WM	23	NW SW	1600 FEET NORTH AND 85 FEET EAST FROM NE CORNER, P DEPOT DLC 54

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-SIXTIETH of one cubic foot per second and 2.5 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

Twp	Rng	Mer	Sec	Q-Q	Acres
5 S	2 W	WM	22	NE SE	12.9
5 S	2 W	WM	23	NW SW	12.5

1. **Water Use Measurement, Recording, and Reporting Condition:**

   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. **Groundwater production shall only be from the alluvial groundwater reservoir.**

4. **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

DRAFT - THIS IS NOT A PERMIT

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

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.

G-18800
Crossroads Land LLC
c/o Blake Crosby
8648 Crosby Rd. NE
Woodburn, OR. 97071

9590 9402 4402 8248 9816 00

2. Article Number *(Transfer from service label)*

7018 0680 0002 0041 5992

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X Tim Tomlin ☐ Agent ☐ Addressee

B. Received by *(Printed Name)*

C. Date of Delivery 10-17

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

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

Mailing List for PFO Copies

Application G-18800

PFO Date October 15, 2019

Copies Mailed

By: TM
(SUPPORT STAFF)

on: 10/15/2019
(DATE)

11/27/2019
Protest/ Standing Dates checked

_____

Original mailed via CERTIFIED MAIL to applicant:

CROSSROADS LAND LLC
C/O BLAKE CROSBY
8648 CROSBY RD NE
WOODBURN OR 97071

Sent via auto email:

1. Agent – Schroeder Law Offices - counsel@water-law.com
2. WRD - Joel Plahn - # 16

Copies sent to:

1. WRD - File # G-18800

Application Specialist: Kim French

FRENCH Kim R * WRD

From: PLAHN Joel M * WRD
Sent: Tuesday, September 03, 2019 2:26 PM
To: FRENCH Kim R * WRD
Subject: RE: Application G-18800 Question

Hi,

I have no comments for this. Thanks

Thanks, Joel Plahn

From: FRENCH Kim R * WRD <Kim.R.French@oregon.gov>
Sent: Tuesday, September 03, 2019 1:03 PM
To: PLAHN Joel M * WRD <Joel.M.Plahn@oregon.gov>
Subject: FW: Application G-18800 Question

Hi Joel,

Never did hear from you on this. I'm assuming it's ok? I'm preparing the PFO, so let me know if there is a problem.

Thanks,

Kim French | Water Rights Application Specialist
Water Resources Department | 725 Summer St. NE, Suite A | Salem, Oregon 97301
Ph: 503 986-0816 | Email: kim.r.french@oregon.gov

Life is too short to spend one minute unhappy! Be Happy!

From: FRENCH Kim R * WRD
Sent: Wednesday, July 31, 2019 11:11 AM
To: PLAHN Joel M * WRD <Joel.M.Plahn@oregon.gov>
Subject: FW: Application G-18800 Question

Hi Joel,

They requested 0.42 CFS for drip irrigation on 25.4 acres (1/60). We limited them to 0.32 (1/80) CFS in the IR, but I missed the "justification" in the application.

I can make the correction in the PFO, as long as you're ok with it. Let me know.

Thanks,

Kim French | Water Rights Application Specialist
Water Resources Department | 725 Summer St. NE, Suite A | Salem, Oregon 97301
Ph: 503 986-0816 | Email: kim.r.french@oregon.gov

Life is too short to spend one minute unhappy! Be Happy!

From: Sarah Liljefelt <s.liljefelt@water-law.com>
Sent: Wednesday, July 31, 2019 10:22 AM
To: FRENCH Kim R * WRD <Kim.R.French@oregon.gov>
Cc: Rachelq Harman <r.harman@water-law.com>
Subject: Application G-18800 Question

Dear Ms. French,

The Initial Review of Application G-18800 states at paragraph 9 that the application will be limited to 0.32 cfs unless additional information is submitted for OWRD's consideration of an upwards variance from the general basin standard for rate.

In Application G-18800, information about the applicant's water system requirements was provided in Section 3 in order to justify the rate requested (please note, the standard basin duty would not be exceeded).

We are wondering what kind of information OWRD needs in addition to the information already provided? Once we know what kind of information you are looking for we will be happy to provide it.

Thank You,
Sarah

Sarah R. Liljefelt
Shareholder
Schroeder Law Offices, P.C.
1915 NE Cesar E. Chavez Blvd., Portland, OR 97212
P: (503) 281-4100 | F: (877) 600-4971





Join our mailing list!

Confidentiality Notice: This electronic message may contain information that is attorney-client privileged and confidential, intended only for the use of the individual or entity named above. If you receive this communication in error, please notify me immediately and delete all copies of this message.

Oregon
Kate Brown, Governor

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

Water Right Application Initial Review

July 26, 2019

CROSSROADS LAND LLC
C/O BLAKE CROSBY
8648 CROSBY RD NE
WOODBURN OR 97071

Reference: Application G-18800

This document is to inform you of the preliminary analysis of the water-use permit application and to describe your 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 Water Resources Department has made the following preliminary determinations:

Preliminary Determinations under Oregon Administrative Rule (OAR) 690-310-0080:

1. Application G-18800 proposes the appropriation of 0.42 cubic foot per second (CFS) of water from Well 1 (MARI 67957/L120925) in Pudding River Basin for irrigation of 25.4 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. Irrigation is allowed under the Willamette Basin Program. (OAR 690-502-0160(2))

4. 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.

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 proposed use is not located within or above any state or federal scenic waterway.

7. The point of appropriation is not located within a critical, limited, or withdrawn groundwater area.

8. Documentation has been submitted from the relevant land-use planning jurisdiction that indicates the proposed use is allowed outright.

9. The standard basin-wide allowable rate for irrigation from groundwater is 1/80 CFS per acre. In the absence of other information, if the application is approved, the rate allowed will be limited to 0.32 CFS for primary irrigation of 25.4 acres. However, Oregon Revised Statute 537.621(4) allows the

Department to consider and authorize a rate that is higher than the general basin-wide standard. If you would like to provide additional information for the Department to consider, please do so by **August, 29, 2019**. If you need additional time, you may send a written request for up to 180 days. **If we do not receive additional information to consider or a hold request by this date, the Department will limit the rate to 0.32 CFS for primary irrigation of 25.4 acres.**

10. After continued review, it appears that the location of Well 1 (MARI 67957/L120925) may be incorrectly identified on the map submitted. During a well inspection on January 11, 2018, Department staff measured the well at 1600 feet north and 85 feet west from the NE corner, DLC 54. Please review the map and, if any changes are necessary, submit an amended map to the Department by **August 29, 2019**.

Summary of Preliminary Determinations
The appropriation of 0.32 CFS of water from Well 1 (MARI 67957/L120925) in Pudding River Basin for irrigation of 25.4 acres is allowable March 1 through October 31 of each year.

Because of the favorable determinations described herein, Application G-18800 can move to the next phase of the water-rights application review process, which includes a public interest

Public Comment & Further Review:

Public interest issues and/or public comments will be addressed as the Department prepares a Proposed Final Order. If significant public interest issues are identified, they could have an impact on the eventual outcome of the application.

At this time, you must decide whether to proceed or to withdraw the application.

- To Proceed - If you choose to proceed with the application you do not have to notify the Department. The application will 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.

- To Withdraw - You may withdraw the application and receive a refund (minus a $260 processing fee per application). You must notify the Department **in writing** by **August 9, 2019**. For your convenience you may use the enclosed "STOP PROCESSING" form.

If a permit is issued, it will likely include the following conditions:

1. 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.

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 not be valid, unless the Department authorizes the change in writing.

3. **Water Use Measurement, Recording, and Reporting Condition:**

   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.

4. **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.

5. **Groundwater production shall only be from the alluvial groundwater reservoir.**

6. **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 website at https://www.oregon.gov/ODA/programs/NaturalResources/AgWQ/Pages/AgWQPlans.aspx to learn more about the plans and how they may affect the proposed water use.

For Further Information:

Feel free to contact me at Kim.R.French@oregon.gov or 503-986-0816 if you have any questions regarding the contents of this letter or the application. Please include the application number in all correspondence. General questions about water rights and water use permits should be directed to our customer service staff at 503-986-0900. When corresponding by mail, please use this address: Kim French, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1266. Our fax number is 503-986-0901.

Sincerely,

Kim French
Water Right Application Specialist
Oregon Water Resources Department

Enclosures: Application Process Description and Stop Processing Request Form

G-18800
WAB: No PSI

APPLICATION FACT SHEET

Application File Number: G-18800

Applicant: CROSSROADS LAND LLC

County: MARION

Watermaster: JOEL PLAHN, 16, NWR

Priority Date: MARCH 11, 2019

Source: WELL 1 (MARI 67957/L120925) IN PUDDING RIVER BASIN

Use: IRRIGATION OF 25.4 ACRES

Quantity: 0.42 CUBIC FOOT PER SECOND

Basin Name & Number: WILLAMETTE, #2

WAB: MILL CR > PUDDING R - AT MOUTH

Well Location(s):

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
5 S	2 W	WM	23	NW SW	1600 FEET NORTH AND 5 FEET EAST FROM N NE CORNER, J MATTE DLC 54

Place of Use:

Twp	Rng	Mer	Sec	Q-Q	Acres
5 S	2 W	WM	22	NE SE	12.9
5 S	2 W	WM	23	NW SW	12.5

PUBLIC NOTICE DATE: July 30, 2019

14 DAY STOP PROCESSING DEADLINE DATE: August 9, 2019

30 DAY COMMENT DEADLINE DATE: August 29, 2019

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

In order to use the waters of Oregon, an application must be submitted and a permit obtained from the Water Resources Department. The water must be used for beneficial purpose without waste. For more information about water right topics, weekly public notice, forms and fees please visit our web site at **www.oregon.gov/OWRD**

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 Customer Service Group at (503) 986-0900.

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.
- An 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.
- Four 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.
- **An 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.

5. Final Order (FO)

- If no protest is filed, Final Order is issued.

The protest process

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

- settlement discussion;
- contested case hearing;
- proposed Order;
- period of time to file exceptions; or
- Possible hearing by Water Resources Commission.
- Final Order is 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 the 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.

STOP PROCESSING REQUEST FORM

FOR GROUNDWATER, SURFACE WATER AND REGULAR RESERVOIR APPLICATIONS

- Stop processing deadline is within 14 days of Initial Review.
- Applicant notification to withdraw Water Right Application **G-18800.**
- After reviewing the Initial Review for my application, I request that processing be stopped and the fees be refunded (minus a $260 processing 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 $260 examination fee) be returned.
- This notice must be received at Water Resources Department by:

August 9, 2019

- Return the notice to:

OWRD, Water Right Services Division
STOP PROCESSING
725 Summer Street, NE - Suite A,
Salem OR, 97301-1271

Mailing List for IR Copies

Application G-18800

IR Date: July 26, 2019

Copies Mailed

By: TM
(SUPPORT STAFF)

On: 7/26/2019
(DATE)

Original and map mailed to applicant:

CROSSROADS LAND LLC
C/O BLAKE CROSBY
8648 CROSBY RD NE
WOODBURN OR 97071

Sent via auto email:

1. Agent – Schroeder Law Offices – counsel@water-law.com
2. WRD – Watermaster Joel Plahn # 16

Copies sent to:

1. WRD - File G-18800

Application Specialist: Kim French

STATE OF OREGON

WATER RESOURCES DEPARTMENT

RECEIPT # 129297

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

INVOICE # _____

RECEIVED FROM: Crossroads Land, LLC

BY: _____

APPLICATION	G-18800
PERMIT	
TRANSFER	

CASH: ☐ CHECK:# ☒ 126 OTHER: (IDENTIFY) ☐ _____

TOTAL REC'D $ 2,210.00

1083 TREASURY 4170 WRD MISC CASH ACCT

0407	COPIES		$
_____	OTHER:	(IDENTIFY) _____	$

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

4270 WRD OPERATING ACCT

4611

MISCELLANEOUS

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

WATER RIGHTS:

		EXAM FEE		RECORD FEE
0201	SURFACE WATER	$	0202	$
0203	GROUND WATER	$ 1090.00	0204	$ 520.00
0205	TRANSFER	$		

WELL CONSTRUCTION

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

_____ OTHER (IDENTIFY) _____

0536 TREASURY 0437 WELL CONST. START FEE

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

_____ OTHER (IDENTIFY) _____

0607 TREASURY 0467 HYDRO ACTIVITY

		LIC NUMBER	
0233	POWER LICENSE FEE (FW/WRD)		$
0231	HYDRO LICENSE FEE (FW/WRD)		$
_____	HYDRO APPLICATION		$

_____ TREASURY OTHER / RDX

FUND _____ TITLE _____

OBJ. CODE _____ VENDOR # _____

DESCRIPTION _____ $

RECEIPT: 129297 DATED: 3/11/19 BY: CWuethrich

Distribution – White Copy - Customer, Yellow Copy - Fiscal, Blue Copy - File, Buff Copy - Fiscal

Application for a Permit to Use

Groundwater

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OREGON WATER RESOURCES DEPARTMENT

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

SECTION 1: APPLICANT INFORMATION AND SIGNATURE

Applicant

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

Organization

NAME CROSSROADS LAND, LLC C/O BLAKE CROSBY			PHONE 503-982-5166	FAX 503-981-2141
ADDRESS 8648 CROSBY ROAD NE				CELL 503-989-0617 ~~503-580-9372~~
CITY WOODBURN	STATE OR	ZIP 97071	E-MAIL*	

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

AGENT / BUSINESS NAME SCHROEDER LAW OFFICES, P.C.			PHONE 503-281-4100	FAX 877-600-4971
ADDRESS 1915 NE CESAR E. CHAVEZ BLVD.				CELL
CITY PORTLAND	STATE OR	ZIP 97212	E-MAIL* COUNSEL@WATER-LAW.COM	

Note: Attach multiple copies as needed

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

By my signature below I confirm that I understand:

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

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

Applicant Signature	Blake Crosby, Member (Owner) Print Name and Title if applicable	2-28-19 Date

For Department Use: App. Number: G-18800

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.

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☒ YES, there are no encumbrances.
☐ YES, the land is encumbered by easements, rights of way, roads or other encumbrances.

☐ NO, I have a recorded easement or written authorization permitting access.
☐ NO, I do not currently have written authorization or easement permitting access.
☐ NO, written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigation and/or domestic use only (ORS 274.040).
☐ NO, because water is to be diverted, conveyed, and/or used only on federal lands.

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

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

SECTION 3: WELL DEVELOPMENT

		IF LESS THAN 1 MILE:	
WELL NO.	NAME OF NEAREST SURFACE WATER	DISTANCE TO NEAREST SURFACE WATER	ELEVATION CHANGE BETWEEN NEAREST SURFACE WATER AND WELL HEAD
1 (MARI 67957)	Unnamed tributaries to Little Pudding River	N/A (OVER 1 MILE)	N/A

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).*

Please see Ground Water Review for Permit G-17865, involving the same well (the well was proposed at the time of Permit G-17865 review).

For Department Use: App. Number: G-18800

SECTION 3: WELL DEVELOPMENT, continued

Total maximum rate requested: 0.42 CFS* (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

*** A rate of 0.42 cfs (188 gpm) is requested to irrigate 888 hops plants per acre with drip emitters, requiring 0.5 gallon per hour per plant. The duty will not exceed the standard 2.5 AF/acre for in-ground irrigation during the irrigation season.**

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.

										PROPOSED USE			
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)	SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL-SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
1	☐	☒	MARI 67957	☐	16 INCHES	2 TO 297.33	SEE WELL REPORT	0 TO 37	37.7	SANDS AND GRAVELS	343 FT	188 GPM	63.5 AF
	☐	☐		☐									
	☐	☐		☐									
	☐	☐		☐									
	☐	☐		☐									

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

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

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

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For Department Use: App. Number: G-18800

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

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

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

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

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

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

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

☐ Yes ☒ No

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

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

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

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

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

☒ Yes ☐ No

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

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

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

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

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

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

_____

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Statewide - OAR 690-033-0330 thru -0340

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

☒ Yes ☐ No

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

SECTION 5: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
Irrigation	March 1 – October 31	63.5

For irrigation use only:
Please indicate the number of primary and supplemental acres to be irrigated (*must match map*).

Primary: 25.4 Acres Supplemental: 0 Acres

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

_____

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: 63.5

- If the use is **municipal or quasi-municipal**, attach **Form M**
- If the use is **domestic**, indicate the number of households: ____ (**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.)
- If the use is **mining**, describe what is being mined and the method(s) of extraction (*attach additional sheets if necessary*): _____

SECTION 6: WATER MANAGEMENT

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): 100 hp turbine pump
☐ Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. Water will be pumped from Well MARI 67957, conveyed to the property via buried pipeline, and applied to crop with drip and/or sprinkler. The property on which Well MARI 67957 is located is also owned by Crossroads Land, LLC.

B. Application Method

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

C. Conservation

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

The rate and duty of water proposed are standard for irrigation at the location, based on the proposed methods of irrigation, and water will be applied directly to plants to meet irrigation needs without waste and prevent runoff. Soil moisture monitors will be used to ensure the appropriate amount of water is applied to the crop.

SECTION 7: PROJECT SCHEDULE

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

SECTION 8: RESOURCE PROTECTION

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

☒ Water quality will be protected by preventing erosion and run-off of waste or chemical products.
Describe: The rate and duty of water proposed are standard for irrigation at the location, based on the proposed methods of irrigation, and water will be applied directly to plants to meet irrigation needs without waste and prevent runoff. Soil moisture monitors will be used to ensure the appropriate amount of water is applied to the crop.

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

Describe planned actions and additional permits required for project implementation: This project will not include clearing of banks or other riparian work.

☐ Other state and federal permits or contracts required and to be obtained, if a water right permit is granted:
List: _____

SECTION 9: WITHIN A DISTRICT

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

Irrigation District Name	Address	
City	State	Zip

SECTION 10: REMARKS

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

_____

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Minimum Requirements Checklist

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

Include this checklist with the application

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

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

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

Include the following additional items:

- ☒ Land Use Information Form with approval and signature of local planning department (*must be an original*) or signed receipt.
- ☒ 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 - Amount enclosed: $ 2,210.00
  See the Department's Fee Schedule at www.oregon.gov/owrd or call (503) 986-0900.
- ☒ Map that includes the following items:
  - ☒ Permanent quality and drawn in ink
  - ☒ Even map scale not less than 4" = 1 mile (example: 1" = 400 ft, 1" = 1320 ft, etc.)
  - ☒ North Directional Symbol
  - ☒ Township, Range, Section, Quarter/Quarter, Tax Lots
  - ☒ Reference corner on map
  - ☒ Location of each diversion, by reference to a recognized public land survey corner (distances north/south and east/west)
  - ☒ Indicate the area of use by Quarter/Quarter and tax lot identified clearly.
  - ☒ Number of acres per Quarter/Quarter and hatching to indicate area of use if for primary irrigation, supplemental irrigation, or nursery
  - ☒ Location of main canals, ditches, pipelines or flumes (if well is outside of the area of use)

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

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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. 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 $260. 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 $410.00 for the applicant and $810.00 for non-applicants. Protests are filed on approximately 10 percent 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 can issue a Final Order within 60 days of the close of the period for receiving protest. If the application is approved, a permit is issued. The permit specifies the details of the authorized use and any terms, limitations or conditions that the Department deems appropriate

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Land Use Information Form

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

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Applicant

NAME			PHONE (HM)
CROSSROADS LAND, LLC C/O BLAKE CROSBY			
PHONE (WK) 503-982-5166	CELL 503-580-9372		FAX 503-981-2141
ADDRESS 8648 CROSBY ROAD NE			
CITY WOODBURN	STATE OR	ZIP 97071	E-MAIL*

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:
5 S	2 W	22	NE SE	2100	EFU	☐ Diverted ☐ Conveyed ☒ Used	Irrigation
5 S	2 W	23	NW SW	2100	EFU	☐ Diverted ☐ Conveyed ☒ Used	Irrigation
5 S	2 W	23	NW SW	2000	EFU	☒ Diverted ☒ Conveyed ☐ Used	Irrigation

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

Marion County

B. Description of Proposed Use

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

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

Source of water: ☐ Reservoir/Pond ☒ Groundwater ☐ Surface Water (name) ____

Estimated quantity of water needed: 63.5 ☐ cubic feet per second ☐ gallons per minute ☒ acre-feet

Intended use of water: ☒ Irrigation ☐ Commercial ☐ Industrial ☐ Domestic for ____ household(s)
☐ Municipal ☐ Quasi-Municipal ☐ Instream ☐ Other ____

Briefly describe:

The application is for groundwater irrigation of 25.4 acres between March 1 and October 31 annually.

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.

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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): MCC 17.136.020.

☐ 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:	
		☐ 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.

NAME: Seth Thompson		TITLE: Associate Planner
SIGNATURE: [signature]	PHONE: 503-566-4165	DATE: 2/21/19
GOVERNMENT ENTITY: Marion County		

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

Receipt for Request for Land Use Information

Applicant name: _____

City or County: _____ Staff contact: _____

Signature: _____ Phone: _____ Date: _____

G-18800

ORIGINAL

RECORDING REQUESTED BY:
Fidelity National Title
Company of Oregon

500 Liberty St. SE, Ste 200
Salem, OR 97301

REEL 4163 PAGE 69
MARION COUNTY
BILL BURGESS, COUNTY CLERK
01-31-2019 01:16 pm.
Control Number 538996 $ 91.00
Instrument 2019 00004107

GRANTOR'S NAME:
Aaron Reed

GRANTEE'S NAME:
Crossroads Land, LLC

AFTER RECORDING RETURN TO:
Order No.: 60221866548-KM
Blake W Crosby
Crossroads Land, LLC
6648 Crosby Road NE
Woodburn, OR 97071

SEND TAX STATEMENTS TO:
Crossroads Land, LLC
6648 Crosby Road NE
Woodburn, OR 97071

APN: R14981

Fidelity National Title # 60221866548-KM

SPACE ABOVE THIS LINE FOR RECORDER'S USE

STATUTORY WARRANTY DEED

Aaron Reed, Grantor, conveys and warrants to **Crossroads Land, LLC, an Oregon limited liability company**, Grantee, the following described real property, free and clear of encumbrances except as specifically set forth below, situated in the County of Marion, State of Oregon:

A tract of land in Sections 22 and 23, Township 5 South, Range 2 West, in the County of Marion and State of Oregon, described as follows:

Beginning at an iron pipe at the Southeast corner of the land formerly owned by Joseph Formal, said beginning point being reached by commencing at the Southeast corner of the Donation Land Claim of Antione F. Palanquin and wife, in Township 5 South, Range 2 West of the Willamette Meridian, Marion County, Oregon; and running thence North 6° East 28.46 chains along the claim line, thence East 21.0 chains to said place of beginning; and from thence running North 12.0 chains to an iron pipe; thence South 89° 15' East 24.50 chains; thence South along the West line of land formerly owned by Patrick Powers 13.06 chains to an iron pipe, thence North 89° 15' West 24.50 chains to an iron pipe; thence North 1.06 chains to the point of beginning.

SAVE AND EXCEPT that portion thereof conveyed to the State of Oregon by and through its State Highway Commission by deed recorded in Volume 463, Page 327, Marion County Deed Records.

ALSO SAVE AND EXCEPT. That portion of the above described real property lying North-Westerly of said Oregon Tract.

THE TRUE AND ACTUAL CONSIDERATION FOR THIS CONVEYANCE IS THREE HUNDRED FIFTEEN THOUSAND AND NO/100 DOLLARS **($315,000.00)**. (See ORS 93.030).

Subject to:

The Land has been classified as Farm Land, as disclosed by the tax roll. If the Land becomes disqualified, said Land may be subject to additional taxes and/or penalties.

Rights of the public to any portion of the Land lying within the area commonly known as

roads, streets or highways.

Limited access to and from the Land as set forth in Deed shown below, which provides that there shall be no right of easement or right of access to, from or across the State Highway other than as expressly provided for in said Deed:

Grantor:	Harold E. Lenhardt and Luella Pearl Lenhardt
Grantee:	State of Oregon, acting by and through its State Highway Commission
Recording Date:	May 20, 1954
Recording No.:	Volume 463, Page 327

BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON TRANSFERRING FEE TITLE SHOULD INQUIRE ABOUT THE PERSON'S RIGHTS, IF ANY, UNDER ORS 195.300, 195.301 AND 195.305 TO 195.336 AND SECTIONS 5 TO 11, CHAPTER 424, OREGON LAWS 2007, SECTIONS 2 TO 9 AND 17, CHAPTER 855, OREGON LAWS 2009, AND SECTIONS 2 TO 7, CHAPTER 8, OREGON LAWS 2010. THIS INSTRUMENT DOES NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH

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STATUTORY WARRANTY DEED
(continued)

THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY THAT THE UNIT OF LAND BEING TRANSFERRED IS A LAWFULLY ESTABLISHED LOT OR PARCEL, AS DEFINED IN ORS 92.010 OR 215.010, TO VERIFY THE APPROVED USES OF THE LOT OR PARCEL, TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES, AS DEFINED IN ORS 30.930, AND TO INQUIRE ABOUT THE RIGHTS OF NEIGHBORING PROPERTY OWNERS, IF ANY, UNDER ORS 195.300, 195.301 AND 195.305 TO 195.336 AND SECTIONS 5 TO 11, CHAPTER 424, OREGON LAWS 2007, SECTIONS 2 TO 9 AND 17, CHAPTER 855, OREGON LAWS 2009, AND SECTIONS 2 TO 7, CHAPTER 8, OREGON LAWS 2010.

IN WITNESS WHEREOF, the undersigned have executed this document on the date(s) set forth below.

Dated: 1-29-19

Aaron Reed

State of Calif., County of NAPA

This instrument was acknowledged before me on January 29, 2019 by Aaron Reed.

Notary Public - State of California
My Commission Expires: 07-28-22

CLIVE K. PRASAD
COMM. #2248446
Notary Public - California
Sonoma County
My Comm. Expires July 28, 2022

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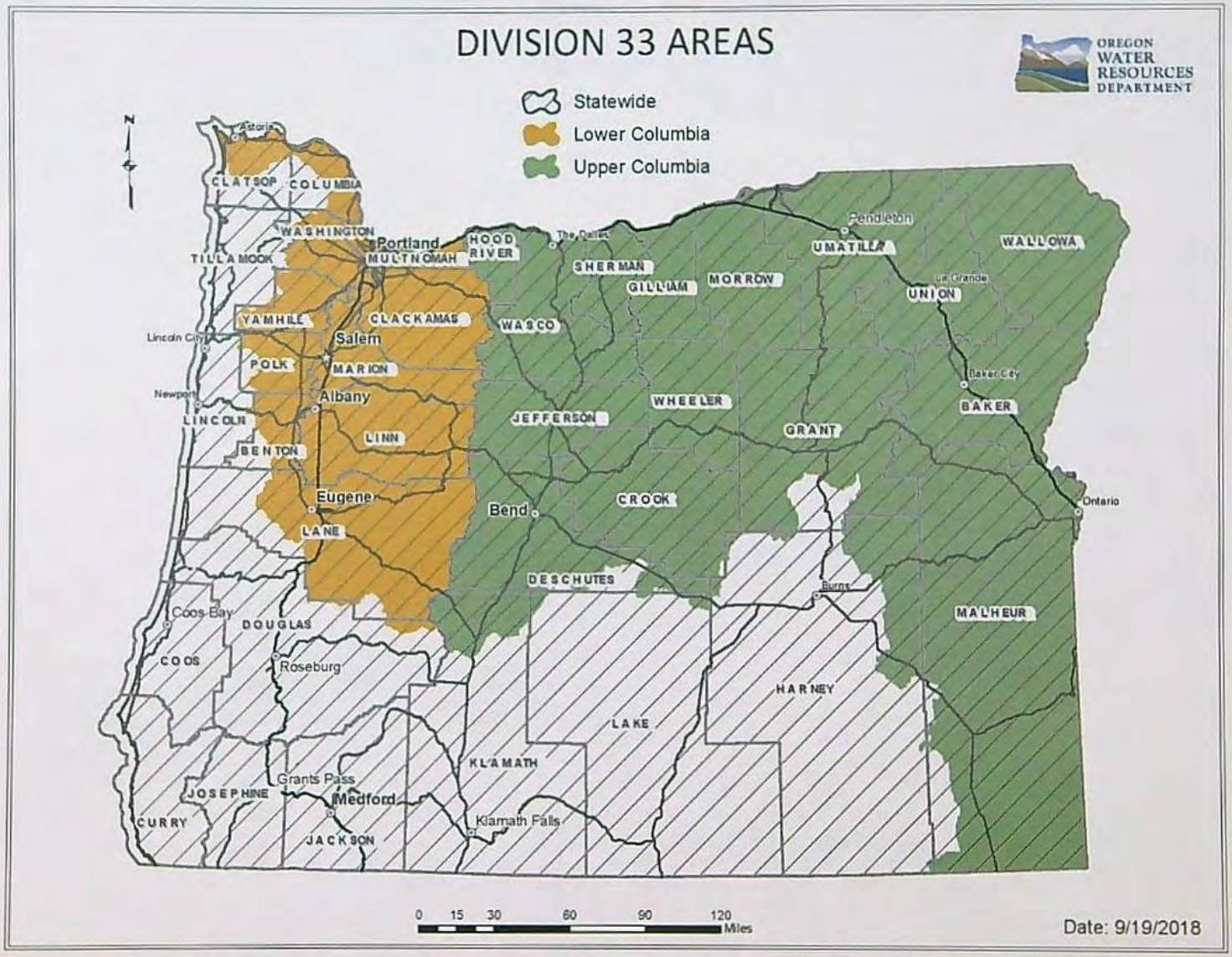
Figure 1: Map of Division 33 Areas



For more detailed information, click on the following link and enter the TRSQQ or the Lat/Long of a POA and click on "Submit" to retrieve a report that will show which section, if any, of the Division 33 rules apply: https://apps.wrd.state.or.us/apps/misc/lkp_trsqq_features/

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Laura A. Schroeder
Oregon, Idaho,
Nevada, Washington & Utah

Therese A. Ure
Oregon & Nevada

Sarah R. Liljefelt
Oregon,
California & Utah

William F. Schroeder
(1928 - 2015)

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Lindsay M. Thane
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Jakob S. Wiley
Oregon

Wyatt E. Rolfe
Of Counsel
Oregon & Washington

James Browitt
Of Counsel
Idaho & Washington

March 6, 2019

VIA U.S. MAIL

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

RE: Application for a Permit to Use Groundwater

To Whom It May Concern:

Enclosed for filing on behalf of Crossroads Land, LLC, please find an Application for a Permit to Use Groundwater with enclosures. Also enclosed is a check in the amount of $2,210.00 for the application fee.

Thank you for your assistance in this matter. Please contact us at (503) 281-4100 if anything further is needed to process this application.

Very truly yours,
SCHROEDER LAW OFFICES, P.C.

Sarah R. Liljefelt

SRL:rsh

Enclosures

cc: Client

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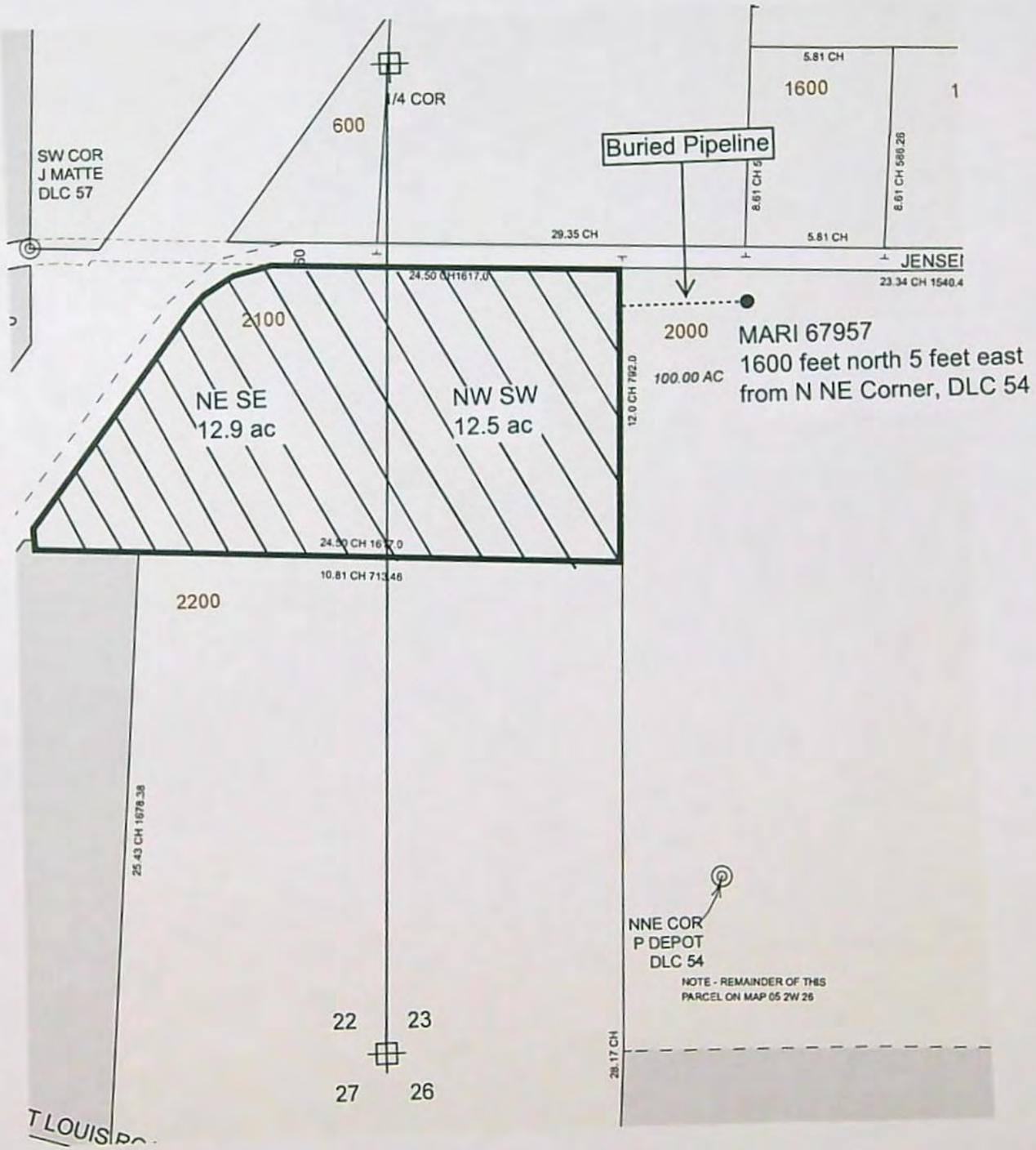
SUPERSEDED 8/28/19

NE SE, Section 22
NW SW, Section 23
T.5S. R.2W. W.M.
Marion County, Oregon
1" = 400'

N



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