Groundwater Application Review Summary Form

Application # G- 18909
Application # G- 18909 GW Reviewer Phil Marcy Date Review Completed: 2/26/2020
Summary of GW Availability and Injury Review:
[] Groundwater for the proposed use is either over appropriated, will not likely be available in the amounts requested without injury to prior water rights, OR will not likely be available within the capacity of the groundwater resource per Section B of the attached review form.
Summary of Potential for Substantial Interference Review:
There is the potential for substantial interference per Section C of the attached review form.
Summary of Well Construction Assessment:
[] The well does not appear to meet current well construction standards per Section D of the attached review form. Route through Well Construction and Compliance Section.

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

WATER RESOURCES DEPARTMENT

MEM	MEMO Feb. 26							_,20_2	0		
TO:		Applica			909		-				
FROM	М:	GW:	Reviewe	T's Name	lave	1-	-				
SUBJ	ECT: So	cenic W	aterwa	y Inter	ference	Evalua	tion				
	YES	The cou	urce of a	nnronri	ation is	within o	or above	a Scan	ic Wate	rwow	
M	NO	The sou	iice oi a	фргоргі	ation is	WILIIII	or above	a Scen	ic water	Iway	
	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.											
Water	Exercise of this permit is calculated to reduce monthly flows inScenic 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

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



WALH 943 WATER F BCES DEPT. SALLI OREGON

8424	
180/45	Mad
100//	-//

	nber:	(9) LOCATION	OF WELL by le	gal description:	, ,
Name Ray Belnap Address 4137-Kochsmeir Rd.		County Maine	Latitude	Longitude E or W,	
City Vale State Ore.	Zip 97918	Township 10	Nor S, Range 42	E or W,	WM.
		Section 5800		2.02	- 10
(2) TYPE OF WORK:		Tax Lot	_ Lot Block	1677- Vale V	eiw R
The real Edge.	Abandon	Vale. Or	egon 97	1677- Subdivision Vale V	
(3) DRILL METHOD					
Rotary Air Rotary Mud XXCable		(10) STATIC W		Date 12/1	2/88
Other			pelow land surface.		
(4) PROPOSED USE:			lb. per squ		
Domestic Community Industrial	ation	(11) WATER B	EARING ZONE	S:	
☐ Thermal ☐ Injection ☐ Other		Depth at which water was	first found18	-	
BORE HOLE CONSTRUCTION: ial Construction approval Yes No Depth of Comple	eted Well31ft.	From	To	Estimated Flow Rate	SWL
Yes No L		18	24	50	8
Explosives used Type Amount			•		
HOLE SEAL	Amount				
Diameter From To Material From To	sacks or pounds				
6 0 20 Bentonite 0 18	12	(12) WELL LO	G: Cd-alt-	:	
6 0 20 Bentonite 0 18	16	,	Ground elevati		CIVI
712 10 71		Man Coil	Material	From To	SWL
How was seal placed: Method	Пр	Top Soil	•	5 18	-
Kother Bentonite Seal	E	Brown Clay		18 24	-
Backfill placed fromft. toft. Material		Gravel Blue Clat		24 31	
Gravel placed fromft. toft. Size of gravel		Dine Oras			
(6) CASING/LINER:	Will state of the				
Diameter From To Gauge Steel Plastic	Welded Threaded				
Casing: 12 From To Gauge Steel Plastic	XX 🗆				
Liner:	. 🛮 💆				
					-
l location of shoe(s)					-
PERFORATIONS/SCREENS:					
XX Perforations Method Torch					
Screens Type Materi	al				+
Slot Tele/pipe om To size Number Diameter size	Casing Liner				+
om To size Number Diameter size					+
18 24 3/8x8 40					
			,		
		Date started 12/	6/88 Con	npleted 12/12/88	
		(unbonded) Water	Well Constructor Ce	ertification:	
(8) WELL TESTS: Minimum testing time is	s 1 hour	I certify that th	e work I performed	on the construction, alte	
☐ Pump Bailer ☐ Air	Flowing Artesian	abandonment of this	well is in complian	ce with Oregon well correported above are true	nstruction
Yield gal/min Drawdown Drill stem at	Time	knowledge and belief.	used and information	reported above are true	to my best
	1 hr.			WWC Number _	
50 none	1 hr.	Signed		Date	
		(honded) Water Wa	ell Constructor Cert	ification:	9
Temperature of water 56 Depth Artesian Flo	Found	I accept respons	sibility for the constru	action, alteration, or aba	
Temperature of mater 2222	w Found	work performed on the	his well during the cor	nstruction dates reported	above. all
Was a water analysis done?	Pag little			n compliance with Or e to the best of my know	
Did any strata contain water not suitable for intended use? ☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other		belief.	1.1	WWC Number _	
the state of the s		Signed///	uf (Xx	Date 12/31	
Depth of strata:		Digired		Date III	

MALH 53992

STATE OF OREGON WATER SUPPLY WELL REPORT

(as required by ORS 537.765 & OAR 690-205-0210)

WELL LABEL # L 106233

START CARD # 1018225

Instructions for completing this report are on the last page of this form.						
(1) LAND OWNER Owner Well I.D. 106233 First Name Rey Last Name Beling	(9) LOCATION OF WELL (legal description)					
Company Last Name	County McIntur Twp 18.00 N or Range 45.000 or W	W.M.				
Address 4127 Kacksmain Rol	Sec 17 NE 1/4 of the NW 1/4 Tax Lot 5800					
City Vale State 012 Zip 97918	Tax Map Number Lot					
(2) TYPE OF WORK New Well Deepening Conversion	Tax Map Number Lot Lat " or 4 H O 1 6 3 6 N DMS or Long " or 1 1 7 2 3 3 1 5 DMS or	DD				
Alteration (repair/recondition)	Long ° ' " or _ 1	DD				
Abandonment						
(3) DRILL METHOD	Street Address of Well (or nearest address)					
Rotary Air Rotary Mud Cable Auger Cable Mud		_				
Reverse Rotary Other	(10) STATIC WATER LEVEL	_				
(A) PROPOSED HOE TO THE TOTAL	Date SWL(psi) + SWL (ft)				
(4) PROPOSED USE ☐ Domestic ☐ Irrigation ☐ Community ☐ Industrial/Commercial ☐ Livestock ☐ Dewatering ☐ Injection	Existing Well/Predeepening 10-32-12 7'					
☐ Thermal ☐ Other ☐ Dewatering ☐ Injection	Completed Well 10-36-12 7'					
Li Therman	Flowing Artesian? Yes Dry Hole? Yes					
(5) BORE HOLE CONSTRUCTION Special Standard: Yes (attach copy)	WATER BEARING ZONES Depth water was first found					
Depth of Completed Well3 a ft.		0)				
	SWL Date From To Est Flow SWL (psi) + SWL (to 1/2-13) 7 7	t)				
BORE HOLE SEAL Dia From To Material From To Amount SEN/lbs						
20" C 3.2 Benjonite Chip C 18 36	10-24 17 28 309 7					
WATCHIE CHIP () 18 36						
	(11) WELL LOG Ground Elevation					
How was seal placed: Method A B C D E						
M Other Poured from Surface	Material From To					
Backfill placed fromft. toft. Material	Clay Brown 0 7					
Filter pack from 18 ft. to 3 2 ft. Material 36 minus Greate	Scand Brown 7 17					
Explosives used: Yes Type Amount	Cley Blue 28 32					
	32					
(6) CASING/LINER						
Sing Linr Dia + From To Gauge Steel Plastic Welded Thrd						
X 12" + 2 118 1/4 × X	DECEIVED BY OWIDE					
X 12" 28 32 1/4 X X	RECEIVED BY OWRD	_				
		-				
	DEC 27 2012					
	ULU DI CUIC					
Shoe Inside Outside Other Location of shoe(s)						
Temporary casing Yes Diameter From To	SALEM, OR					
(7) PERFORATIONS/SCREENS	Date Started 10-33-12 Completed 10-26-12					
Perforations Method Someone Report Of Method State of the Market State of the Method	(unbonded) Water Well Constructor Certification					
Screens Type SPUD Material Steinless	I certify that the work I performed on the construction, deepening, alteration	n, or				
	abandonment of this well is in compliance with Oregon water supply well					
Screen slot Slot # of pipe	construction standards. Materials used and information reported above are true	e to				
Perf Scrn Csng Linr Dia From To width length slots size	the best of my knowledge and belief.					
X 12" 18 28 1/16	License Number Date					
	Signed					
(a) NURY I TIPOTTO NA I						
(8) WELL TESTS: Minimum testing time is 1 hour	(bonded) Water Well Constructor Certification I accept responsibility for the construction, deepening, alteration, or					
□ Pump □ Bailer □ Air □ Flowing Artesian	abandonment work performed on this well during the construction dates report	ed				
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	above. All work performed during this time is in compliance with Oregon wat	er				
308 23 30° 16hr	supply well construction standards. This report is true to the best of my knowledge.	edge				
	and belief.					
Temperature 7.5 °F Lab analysis Tyes By License Number 1943 Date 12-1-12						
Temperature <u>45</u> °F Lab analysis Yes By						
Water quality concerns? Yes (describe below)	Signed / C					
From To Description Amount Units	Contact Info. (optional)					

PUBLIC INTEREST REVIEW FOR GROUNDWATER APPLICATIONS

TO: Water Rights Section Date <u>02/26/2020</u>																
FROM:		Groundwater Section					Phillip I. Marcy									
OLIBIE							Reviewer's Name Supersedes review of									
SUBJE	CT:						ersedes	revi	ew of			ate of Revi	211/(a)			
											L	ate of Revi	ew(s)			
PUBLI	C INTE	REST P	RESUN	APTION; C	GROUND	WATER										
								dwate	er use will en	sure th	ne preser	vation of	the publi	ic		
									groundwater							
									e proposed us							
the presi	umption c	riteria. T	his revie	w is based u	pon availa	ble inforn	nation a	and a	igency polici	ies in p	olace at t	the time	of evalua	tion.		
A. GEN	NERAL	INFOR	MATIO	<u>N</u> : App	olicant's Na	ame: <u>B</u>	ob Bel	nap			Co	ounty:N	Aalheur			
A1.	Applican	it(s) seek((s) <u>0.12</u>	5 cfs from	1	well(s)) in the		Malheur					Basin,		
						subbas	sin									
4.2	Duamasas	1	Tuui o	ation (10 age		Cassa	malitru	Ma	mah 18t Oats	shan 21	st (245 d	a.u.a.\				
A2.	Proposec	i use	irrig	ation (10 acro	es)	Seaso	namty:	Ma	rch 1st – Octo	ober 5	(243 d	ays)				
A3.	Well and	l aquifer o	data (atta	ch and num	ber logs fo	or existing	wells;	marl	k proposed v	vells a	s such u	nder logi	d):			
					-								and bound			
Well	Logi	143 1	Applicant' Well #	S Propose	d Aquifer*	Propo Rate(c			Location (T/R-S QQ-Q))			fr NW cor			
1	MALH 5			All	uvium				18S/45E-17 NW-NE				fr NE cor S			
2																
3 4			_													
5																
* Alluviu	ım, CRB, I	Bedrock														
	Well	First	Τ		Well	Seal	Casi	ng	Liner	Perf	orations	Well	Draw			
Well	Elev	Water	SWL	SWL	Depth	Interval	Interv	_	Intervals		Screens	Yield	Down	Test		
	ft msl	ft bls	ft bls	Date	(ft)	(ft)	(ft		(ft)		(ft)	(gpm)	(ft)	Туре		
1	2251	7	7	7	7	10/24/2012	32	0-18	0-18 28-3		-	13	8-28'	308	23	Pump
							20.	,								
							-						-			
Use data	from appli	cation for	proposed	wells.												
A4.	Commo	nts. The	applicant	nronoses to	uso MALE	4 53002 fo	r prima	rv irr	igation of 10	acres						
Α4.	Comme	its. The	аррисан	proposes to	use MALI	1 33992 10	Грина	I y III	igation of 10	acres.						
A5. 🛛	Provisio	ons of the	Malheu	ır			Basi	n rule	es relative to	the de	velopme	nt, classif	ication a	nd/or		
						ted to surfa	ace wat	er _	are, or 🛛	are no	t, activat	ed by thi	s applicat	tion.		
				such provisi												
A6. 🗌	Well(s)	#	,	,	,		,	tap((s) an aquifer	limite	d by an a	dministra	ative restr	riction.		
	Name of	administ	rative are	ea:												
	Commer	nts:														

Version: 05/07/2018

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

Bas	ed 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.	\square will not or \boxtimes 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.	\square will not or \boxtimes 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) 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;
a.	Condition to allow groundwater production from no deeper than ft. below land surface;
b.	Condition to allow groundwater production from no shallower than ft. below land surface;
c.	Condition to allow groundwater production only from the groundwater reservoir between approximately ft. and ft. below land surface;
d.	■ Well reconstruction is necessary to accomplish one or more of the above conditions. The problems that are likely to occur with this use and without reconstructing are cited below. Without reconstruction, I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Department and approved by the Groundwater Section.
	Describe injury –as related to water availability– that is likely to occur without well reconstruction (interference w/ senior water rights, not within the capacity of the resource, etc):
of si	undwater availability remarks: Water levels in the area of the proposed POA well are stable, in part due to percolation area water used for flood irrigation in the Vale Irrigation District, and the low density of groundwater appropriation in area.

C. GROUNDWATER/SURFACE WATER CONSIDERATIONS, OAR 690-09-040

C1.	690-09	-040(1)	Evaluation	of aquifer	confinement:
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Well	Aquifer or Proposed Aquifer	Confined	Unconfined
1	Alluvial sands and gravels		\boxtimes

Basis for aquifer confinement evaluation: The reported static water level in the POA well is exactly the same as the depth
water was first encountered, in addition to the lack of any widespread low-permeability horizon that would significantly impede
vertical movement of groundwater.
7

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		Connected?		Potentia Subst. In Assum YES	terfer.
1	1	Willow Creek	2244	2243- 2254	1580	\boxtimes						

Basis for aquifer hydraulic connection evaluation: The water level reported in the POA well is commiserate with the
elevation of nearby surface water, and there is no significant barrier to movement between the two.
Water Availability Basin the well(s) are located within: WILLOW CR > MALHEUR R - AT MOUTH (# 31011901)

C3a. **690-09-040** (4): Evaluation of stream impacts for <u>each well</u> 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 < 1/4 mile?	Qw > 5 cfs?	Instream Water Right ID	Instream Water Right Q (cfs)	Qw > 1% ISWR?	80% Natural Flow (cfs)	Qw > 1% of 80% Natural Flow?	Interference @ 30 days (%)	Potential for Subst. Interfer. Assumed?
1	1			NA	NA		4.45	\boxtimes	1.63%	\boxtimes

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.

 011 01110 1	 PP-J do I	n Cou 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: PSI was triggered due to the proposed pumping rate being greater than 1% of the 80% exceedance rate for the lowest flow month (September) within the current WAB. The applicant would need to lower the proposed rate to 0.0445 to overcome this finding at the proposed location.

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-Di	istributed	Wells											
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
	as CFS												
Interfer	ence CFS												
Distrib	uted Well	s											
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q	as CFS												
Interfere	ence CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q	as CFS												
Interfer	ence CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q	as CFS												
Interfer	ence CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
	as CFS												
Interfer	ence CFS)										
		%	%	%	%	%	%	%	%	%	%	%	%
	as CFS												
Interfer	ence CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
	as CFS												
Interfer	ence CFS												
$(A) = T_0$	otal Interf.				engala ara								
	% Nat. Q	-											
	% Nat. Q	,											
(C) = I	70 Nat. Q												
(D) = ((A) > (C)	4	1	1	W.	y ·	V	1	V	V	1	4	1
$(\mathbf{E}) = (\mathbf{A}$	/B) x 100	%	%	%	%	%	%	%	%	%	%	%	%

690-09-040 (5) (b) The potential to impair or detrimentally affect the public interest is to be determined by the Wa Rights Section. If properly conditioned, the surface water source(s) can be adequately protected from interference, and/or groundwater us under this permit can be regulated if it is found to substantially interfere with surface water:		pact evaluation: This section does not apply.
Rights Section. If properly conditioned, the surface water source(s) can be adequately protected from interference, and/or groundwater us under this permit can be regulated if it is found to substantially interfere with surface water:		
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□ If properly conditioned, the surface water source(s) can be adequately protected from interference, and/or groundwater us 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; SW/GW Remarks and Conditions: Based on the well location and its proximity to Hope Drain, which lies between the POA well and Willow Creek, the proposed use is unlikely to have a significant impact on the nearby reach of Willow Creek. Local Watermaster Ron Jacobs reports that these drains are unlined, and canal and ditch leakage are likely the primary sources of recharge to local groundwater systems according to our conceptual understanding of the shallow aquifer system here (Gannett, 1990). Considering these factors, the cof depression induced by pumping at the POA well is unlikely to cross Hope Ditch toward the South and West, where it would impact Willow Creek. However, Division 9 rules require a finding of PSI with Willow Creek based upon the low flows in Augu and September. References Used: Ground Water Report #34 by Marshall Gannett, 1990.		
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Ground Water Report #34 by Marshall Gannett, 1990.	and September	
Local well logs, Application review G-17614.	References Us	ed:
ACTOR COMO, APPROVIDED O 1/OI II	References Us	ed:
	References Us Ground Water	ed: Report #34 by Marshall Gannett, 1990.

D. WELL CONSTRUCTION, OAR 690-200

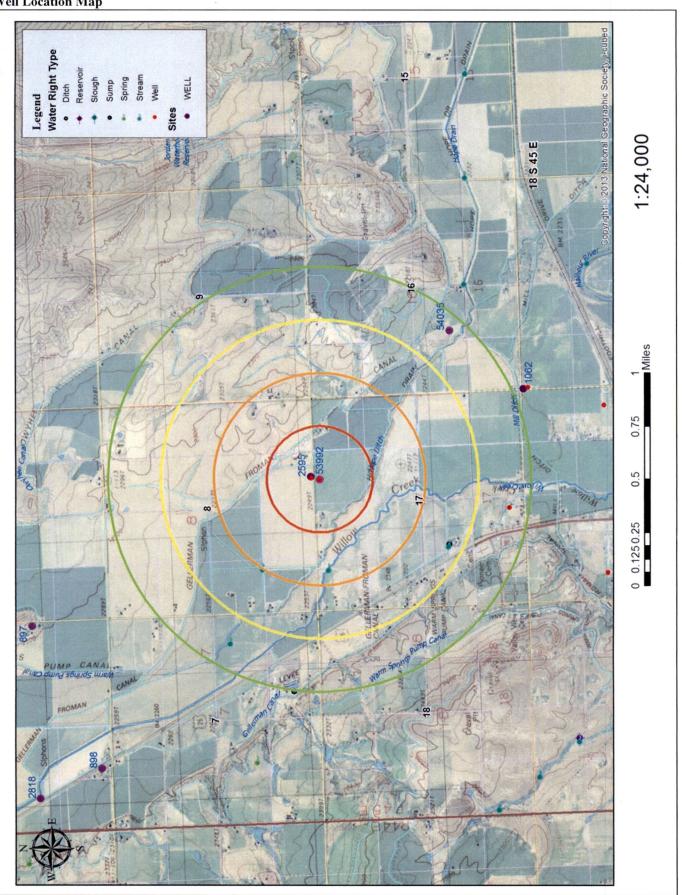
D1.	Well #:	Logid:
D2.	a.	LL does not appear to meet current well construction standards based upon: eview of the well log; eld inspection by
D3.		LL construction deficiency or other comment is described as follows:
D4.	Route to	the Well Construction and Compliance Section for a review of existing well construction.

Water Availability Tables

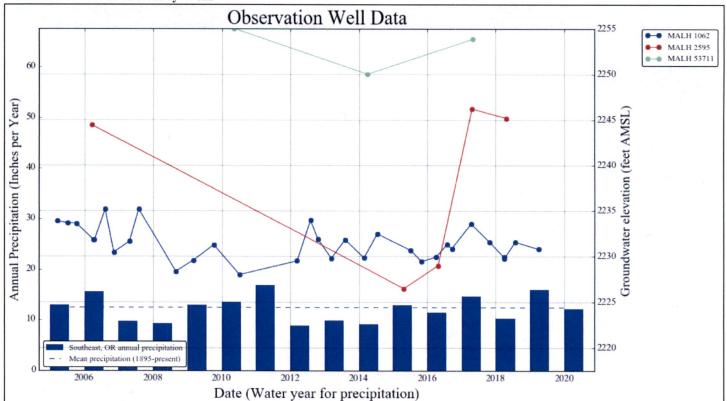
water Availabi	nty Tables					
		DETAILED REPORT	ON THE WATER AVAILA	BILITY CALCULATIO	N	
Watershed ID # Time: 3:12 PM	: 31011901	WILL		Exceedance Level: 80 Date: 02/26/2020		
Month	Natural Stream Flow	Consumptive Use and Storage	Expected Stream Flow	Reserved Stream Flow	Instream Requirements	Net Water Available
		Storage is	Monthly values a the annual amount at	re in cfs. 50% exceedance i	n ac-ft.	
JAN FEB MAR APR JUN JUL AUG SEP OCT NOV DEC ANN	13.70 32.50 54.40 71.40 58.70 44.30 15.40 6.52 4.45 6.77 7.26 9.14 36,500	22.00 82.60 141.00 181.00 215.00 182.00 96.00 60.30 40.20 7.91 11.60 14.50 63,600	-8.25 -50.10 -86.60 -110.00 -157.00 -138.00 -80.60 -53.80 -35.70 -1.14 -4.35 -5.41	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	-8. 25 -50.10 -86.60 -110.00 -157.00 -138.00 -80.60 -53.80 -35.70 -1.14 -4.35 -5.41

7

Well Location Map



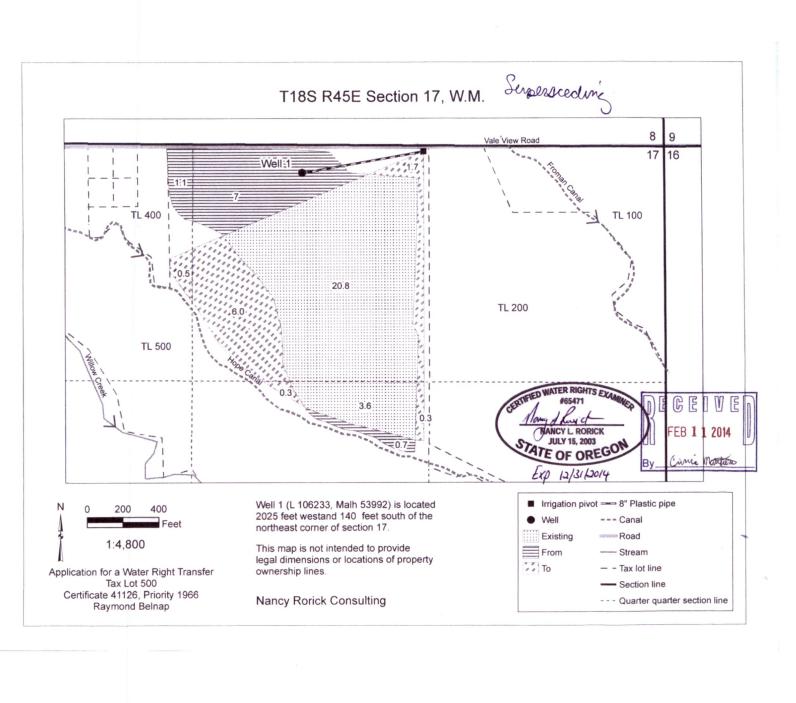




MALH 943

For Official Use Only by The Oregon Water Resources Department:
Received Date: County Well Log ID # Well Identification Tag #
L 106233
WELL ID to 6
APPLICATION FOR WELL IDEN' ATTACHED BY
Statis Wiell Inspirely
LANDOWNER INFORMATION QUEET D. Mayrano
Name: RAYMOND BELNAD
Name: (RAYMOND BELNAP Mailing Address: 4/37 KOCHSMEIR ROAD
City: VALE State: OREGON Zip: 97918
Return Well Tag to (if different than mailing address):
WINGER DO NOT FROM THE STORY WHEN SENTENCE THE SENTENCE S
WELL LOCATION INFORMATION
County: MalHeur Township: 18 5 North or South (circle one) Range: 45 E East or West (circle one), Section: 17 NW 1/4 NE 1/4 Tax Lot #: N 44.01036 W - 117.23315 Street Address of Well (if different than mailing address):
WELL INFORMATION (Do Not Complete If Well Report is Attached)
Type of Well (i.e. domestic, irrigation, etc): IRAI gation Date Well Constructed:
Well Constructor/Company:
Well Depth (in feet): 50 FEAT Diameter of Well Casing (in inches): 12 INCHES
Landowner Who Had Well Constructed or Previous Owner at the Time Well was Constructed (if known):
RECEIVED BY OWF
AUG 06 2012
Other Information:SALEM, OR

Return to: Oregon Water Resources Department, Janet Halladey, 725 Summer St. NE, Suite A, Salem, OR 97301-1271, (503) 986-0854 or fax to 503-986-0902





Мемо

To:

Kristopher Byrd, Well Construction and Compliance Section Manager

From:

Joel Jeffery, Well Construction Program Coordinator

Subject:

Review of Water Right Application G-18909

Date:

March 11, 2020

The attached application was forwarded to the Well Construction and Compliance Section by Water Rights. Phil Marcy reviewed the application. Please see Phil's Groundwater Review and the Well Logs.

Applicant's Well #1 (MALH 943 and MALH 53992, the Deepening of MALH 943): Based on a review of the Well Reports, Applicant's Well #1 seems to protect the groundwater resource.

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