## **Groundwater Application Review Summary Form**

Application # G- 18511  GW Reviewer J. Woody Date Review Completed: 410-2018
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 4-10,2013 **MEMO** Application G- 18511 TO: GW: Noody (Reviewer's Name) FROM: **SUBJECT: Scenic Waterway Interference Evaluation** YES The source of appropriation is within or above a Scenic Waterway A 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 Waterway by the following amounts expressed as a proportion of the consumptive use by which surface water flow is reduced.

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



## MEMO

To:

Kristopher Byrd, Well Construction and Compliance Section Manager

From:

Joel Jeffery, Well Construction Program Coordinator

Subject:

Review of Water Right Application G-18511

Date:

September 19, 2018

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

Applicant's Well #1 (LINN 10808): Based on a review of the Well Report, Applicant's Well #1 does not appear to comply with current minimum well construction standards (See OAR 690 Division 210). According to the report, bentonite grout was used as an annular seal material. Bentonite grout is not an approved sealing material for water supply wells. In order to meet minimum well construction standards, the well must be resealed to a minimum depth of 18 feet below land surface with an approved grout.

My recommendation is that the Department **not issue** a permit for Applicant's Well #1 (LINN 10808) unless it is brought into compliance with current minimum well construction standards or information is provided showing that it is in compliance with current minimum well construction standards.

Bringing Applicant's Well #1 into compliance with minimum well construction standards may not satisfy hydraulic connection issues.

#### WATER WELL REPORT



•	/
State Well No.	125/40-33

WATER WELL REPORT STATE OF OREGON WATER RESOURS SALEM, OR	1981 /0908 State Well No.	/	   \$\psi - 0	33
(1) OWNER:	(10) LOCATION OF WELL:			
Name William E. Radke				
77.07.1	County Linn Driller's we			
Cit		R. 4	W	W.M.
Diate	Tax Lot # Lot Blk	S	ubdivision	1
(2) TYPE OF WORK (check):	Address at well location:			-
New Well ☐ Deepening ☐ Reconditioning ☐ Abandon ☐				
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed v	vell.		
	Donth at which water was first form			
to a second content.	-/	land surfa	on Doto	6-11-8
Rotary Air Driven Domestic Industrial Municipal Rotary Mud Dug Irrigation Test Well Other	A-4	er square		0-11-0
Rotary Mud Dug   Irrigation E Test Well   Other   Thermal: Withdrawal   Reinjection	(40)		0.11	
	(12) WELL LOG: Diameter of well below pepth drilled 155 ft. Depth of	casing		
(5) CASING INSTALLED: Steel	Depth drilled 100 ft. Depth of Formation: Describe color, texture, grain size and str thickness and nature of each stratum and aquifer penfor each change of formation. Report each change in and indicate principal water-bearing strata.	ucture of	materials	t and anti-
LINER INSTALLED:	MATERIAL	From	To	SWL
	Top Soil	0	1½	
	Brown Clay	11/2	16	
(6) PERFORATIONS: Perforated? X Yes \( \subseteq \) No  Type of perforator used \( \text{Acetylene Torch} \)	Dark Brown Clay	16	33	
	Brown Sand & Gravel	33	51	
12 12 11.		51	62	
7.0perforations from106.108!!116.108	Blue Clay	62		
perforations from			70	
perforations from	Black Sandy Clay	70	76	
(7) SCREENS: Well screen installed? ☐ Yes ☐ No	Gray Clay	76	99	
Manufacturer's Name	Gray Clay & Gravel	99	110	
Type Model No.	Blue Sandy Clay & Gravel	110	116	
Diam. Slot Size Set from ft. to ft.	Black Sand & Gravel	116	117	
Diam. Slot Size Set from ft. to ft.	Gray Clay	117	130	
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	Dark Gray Clay	130	155	
1 pump test made?  Yes No If yes, by whom?				
gal./min. with ft. drawdown after hrs.		-		
" " "				
Air test gal./min. with drill stem at ft. hrs.				
Bailer test 88 gal./min. with 4 ft. drawdown after 1½ hrs.				
ian flow g.p.m.				
erature of water Depth artesian flow encountered ft.				
(A) CONCERNICATION	Work started 6-1 19 81 Complete	ed 6-	11	1981
	Date well drilling machine moved off of well	6-15	,	1981
Well seal—Material used Bentonite	<b>Drilling Machine Operator's Certification:</b>			
Well sealed from land surface to18ft.	This well was constructed under my direct s	upervisio	n. Mater	ials used
Diameter of well bore to bottom of seal12 in.	and information reported above are true to my b	est know	ledge an	d belief.
Diameter of well bore below seal8in.	[Signed] (Drilling Machine Operator)	Dat	0//5	, 19. <b>X</b>
Number of sacks of cement used in well seal700#Bentonite sacks	Drilling Machine Operator's License No. 436		/	/
How was cement grout placed? Placed with a grout pump from the 18' level to the ground	Water Well Contractor's Certification:			
surface.	This well was drilled under my jurisdiction	and this	report i	s true to
Was pump installed?	the best of my knowledge and belief. Name Merle Warren Well Drill		Inc.	
Was a drive shoe used? Wes No Plugs Size: location ft.  Did any strata contain unusable water? Yes No	Name(Person, firm or corporation)	01	(Type or p	orint)
	A11 - 12	nt0	-	_
Type of Water? depth of strata  Method of sealing strata off		ه يا		J. C. J
	[Signed] (Water Well Contract	or)	<i></i>	
Was well gravel packed?         □ Yes         X No         Size of gravel:           Gravel placed from         ft. to         ft.	Contractor's License No. 182 Date	0-1	5	.,198./
Norman me management.				

#### PUBLIC INTEREST REVIEW FOR GROUNDWATER APPLICATIONS

TO: FROM	r.			Rights So		Date4/10/2018 Jen Woody								
SUBJECT: Application G- 18.							Revie	wer's Name	view ofn/a		Date of Review(s)			
OAR 6 welfare to deter	<b>90-310-1</b> , <i>safety a</i> mine wh	1 <b>30</b> ( <b>1</b> and he ether	) The ealth the p	e Departi as descri presumpti	<i>ibed in ORS</i> ion is establi	resume the 537.525. I shed. OA	at a proposed Department : R 690-310-1	d groundwa staff review 40 allows tl	groundwater he proposed u	ensure the prese rapplications use be modified cies in place at	ervation o nder OAI I or condi	of the pub R 690-31 tioned to	0-140 meet	
A. <u>GE</u>	<u>NERAI</u>	INI	OR	MATIC	<u><b>ON</b></u> : A <sub>I</sub>	oplicant's	Name:	Villiam Ra	dke	(	County: _	Linn		
A1.	Applica	ant(s)	seek	(s) <u>0.20</u>	ocfs from	n <u>1</u>	well(s	) in the	Willamette				_Basin,	
							subba	sin						
A2.	Propos	ed use	e	Irri	gation of 16	acres	Seaso	nality: <u>M</u>	arch 1- Octo	ber 31				
A3.	Well ar	nd aqı	uifer	data ( <b>att</b>	ach and nui	mber logs	for existing	wells; ma	rk proposed	wells as such i	ander log	gid):		
Well	Well and aquifer data (atta  Logid Applicant's Well #  LINN 10808 1				Proposed Alluvial		Proposed Rate(cfs)	(T/R-	Location (T/R-S QQ-Q) 12S/4W-33 SE ¼ NE ¼		Location, metes and bounds, e.g. 2250' N, 1200' E fr NW cor S 36 238' S, 574'E fr NE cor DLC 42, JH Brat		S 36	
2 3														
4 5											12			
	um, CRB	, Bedr	ock											
Well	Well Elev ft msl 255	Fin Wa ft t	ter ols	SWL ft bls	SWL Date 06/11/1981	Well Depth (ft) 155	Seal Interval (ft) 0-18	Casing Intervals (ft) 0-118	Liner Intervals (ft) n/a	Perforations Or Screens (ft) 106-116	Well Yield (gpm) 88	Draw Down (ft) 4	Test Type bailer	
Use data	a from app	olicatio	on for	proposed	l wells.									
A4.	Comm	ents:	_									-		
A5. 🛛	manage (Not al	ement 1 basi	of g	roundwa es contai	ter hydraulion n such provi	cally conn sions.)	ected to surf	ace water	are, or 🛚	o the developmed are not, activate are not.	ated by th	is applic		
A6. 🗌	Name of	of adr	ninis	trative ar	ea:					er limited by an			striction.	

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Bas	sed 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.	$\square$ will not or $\square$ 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.									
a.	Condition to allow groundwater production from no deeper than ft. below land surface;									
).	Condition to allow groundwater production from no shallower than ft. below land surface;									
С.	Condition to allow groundwater production only from the groundwater reservoir between approximately ft. and ft. below land surface;									
	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):									
land feet Lov	bundwater availability remarks: The applicant's well is located in an area that contains fine-grained sediments from d surface to a depth of 20-30 feet. A 20-40 feet thick sand and gravel layer underlies the fine-grained sediments. 100-140 to f mostly fine-grained sediments containing thin sand lenses is found at beneath the sand and gravel. This is likely ther wer Sedimentary Unit of Conlon et al. (2005). Most nearby wells produce water from the sand and gravel layer.  Shown in Figure 3, water level data from a nearby well (LINN 10817) show long-term stability.									

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

C1.	690 <b>-</b> 09	<b>-040</b> (	1):	Evaluation	of	aquifer	confinement:
-----	-----------------	---------------	-----	------------	----	---------	--------------

Well	Aquifer or Proposed Aquifer	Confined	Unconfined							
1	Alluvium	$\boxtimes$								
Basis for aquifer confinement evaluation: The water level is reported to rise above the water bearing zone per the well log,										
ndicatin	g the aquifer is more confined than unconfined.									

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 <sup>1</sup>/<sub>4</sub> 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)	C	rdraulically onnected? NO ASSUMED	Potentia Subst. Int Assum YES	erfer. ed? <b>NO</b>
1	1	Muddy Creek	239	235	4000	$\boxtimes$			$\boxtimes$

Basis for aquifer hydraulic connection evaluation: Groundwater elevation is coincident with Muddy Creek, indicating
groundwater is connected to nearby streams. Published water table maps show that groundwater flows towards, and discharges
into, perennial streams and their tributaries (Woodward et al., 1998).
•

Water Availability Basin the well(s) are located within:	Watershed ID #: 30200303,	MUDDY CR >	E CHANNEL - AT
MOUTH			

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  $\boxtimes$  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			N/A	N/A		14.90	$\boxtimes$	<25%	$\square$

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.

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

Comments: Stream depletion was calculated using the ranges of S, Kv of the streambed, Kh of the Lower Sedimentary Unit as
described in Conlon et al. (2005) and pump test data from LINN 10812. Results, shown in Figure 5, show stream depletion is
less than 25% at 30 days for the range of available aquifer parameters.

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-D	istributed	Wells						1					
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
Well (	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												
Interfer	ence CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q	as CFS												
Interfer	ence CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
Well C	) as CFS					,,,	,,,		70	70	,,,	70	70
	ence CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
Well C	as CFS								70	70	70	,,,	70
	ence CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
Well C	as CFS	,,,		70	70	,,,	70	70	70	70	70	70	70
	ence CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
Well C	as CFS	,,	70	70	70	7.0	,,,	70	70	70	70	70	70
	ence CFS												
L. A.	No. of the second												
(A) = To	tal Interf.												
(B) = 80	% Nat. Q												
(C) = 1	% Nat. Q												
1200													

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(E) =	(A / B) x 100	%	%	%	%	%	%	%	%	%	%	%	%
	otal interferen												
CFS;	(D) = highligh Basis for in							(E) = total i		divided b	y 80% flov	as percent	age.
		-pace crai											
C4b.	690-09-04	10 (5) (b)	The por	tential to i	mpair or	detrime	ntally aff	fect the pu	blic inter	est is to b	e determ	ined by th	e Water
		Section.			•		3	•				J	
С5. Г	If proper	ly conditi	oned the	surface w	ater sour	ce(s) can l	ne adequi	ately prote	cted from	interferen	ice and/oi	groundwa	ater use
C3. L								erfere with			ice, and/or	groundwa	ater use
	i. 🗆	The per	rmit shou	ld contain	condition	#(s)							;
	ii.	The per	rmit shou	ld contain	special co	ondition(s	) as indic	ated in "R	emarks" b	elow;			
C6. S	W / GW Rei	marks and	d Condit	ions: Th	e applica	nt's propo	sed well	would be a	oroducing	from an a	aquifer tha	t has been	found
	be hydraulic												
sı	ıfficient evid	ence that	the propo	sed use wi	ll have th	e Potentia	ıl for Sub	stantial Int	terference	per OAR	690-009.		
_													
_													
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_												100	
R	eferences U	sed:											
	onlon and O		5, Ground	d-Water H	ydrology	of the Wi	llamette	Basin, Ore	gon, Scier	ntific Rep	ort 2005-5	168, USG	S.
_													
	annett and C rofessional P			ologic Fran	nework of	f the Willa	amette Lo	owland Aq	uifer Syst	em, Orego	on and Wa	shington,	<u>USGS</u>
0	WRD groun	dwater lev	el databa	ise, accesso	ed 4/10/2	018.							
W	oodward, G	annett and	Vaccaro	, 1998, Hy	drogeolo	gic Frame	work of	the Willan	nette Lowl	and Aqui	fer Systen	n, Oregon	and
	ashington, U												
_													
U	.S. Geologic	al Survey	Topogra	phic Maps.	, Peoria Ç	<u>Ouadrangle</u>	e						
_							6						

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#### D. WELL CONSTRUCTION, OAR 690-200

D1.	Well #:	Logid:	
D2.	THE WELL doe  a. review o	s not appear to meet current well construction standards based u	pon:
		ection by	
	c. report of	CWRE	,
	d. dother: (sp	pecify)	
D3.		struction deficiency or other comment is described as follows:	
D4.	Route to the We	ll Construction and Compliance Section for a review of existing v	vell construction.

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Figure 1. Water Availability Tables

# Water Availability Analysis Detailed Reports

## MUDDY CR > E CHANNEL - AT MOUTH WILLAMETTE BASIN

Water Availability as of 4/10/2018

Watershed ID #: 30200303 (Map)

Exceedance Level:80%

7

Date: 4/10/2018 Time: 7:59 AM

## Water Availability Calculation

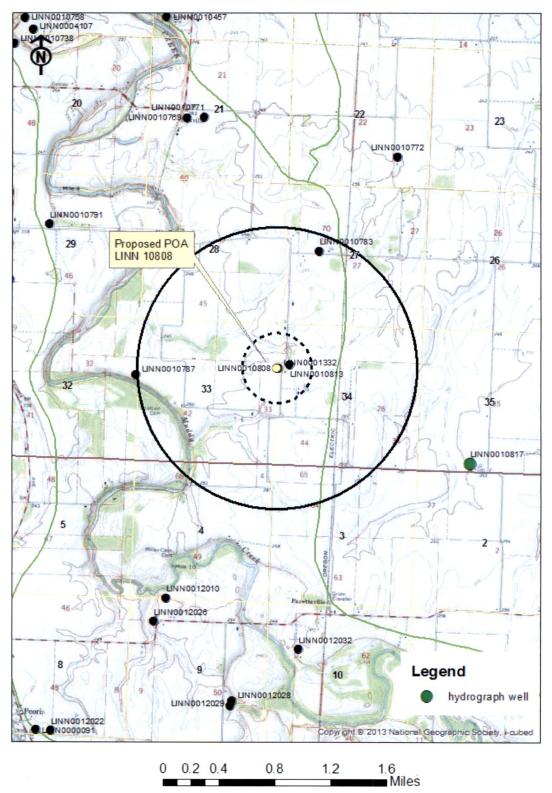
Monthly Streamflow in Cubic Feet per Second Annual Volume at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Uses and Storages	Expected Stream Flow	Reserved Stream Flow	Instream Flow Requirement	Net Water Available
JAN	178.00	2.69	175.00	0.00	0.00	175.00
FEB	203.00	2.47	201.00	0.00	0.00	201.00
MAR	174.00	1.26	173.00	0.00	0.00	173.00
APR	91.30	1.13	90.20	0.00	0.00	90.20
MAY	52.50	1.71	50.80	0.00	0.00	50.80
JUN	35.30	2.52	32.80	0.00	0.00	32.80
JUL	26.10	3.36	22.70	0.00	0.00	22.70
AUG	20.30	2.81	17.50	0.00	0.00	17.50
SEP	14.90	1.95	12.90	0.00	0.00	12.90
OCT	15.20	0.85	14.40	0.00	0.00	14.40
NOV	29.00	1.06	27.90	0.00	0.00	27.90
DEC	113.00	2.46	111.00	0.00	0.00	111.00
ANN	114,000.00	1,470.00	112,000.00	0.00	0.00	112,000.00

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Figure 2. Well Location Map

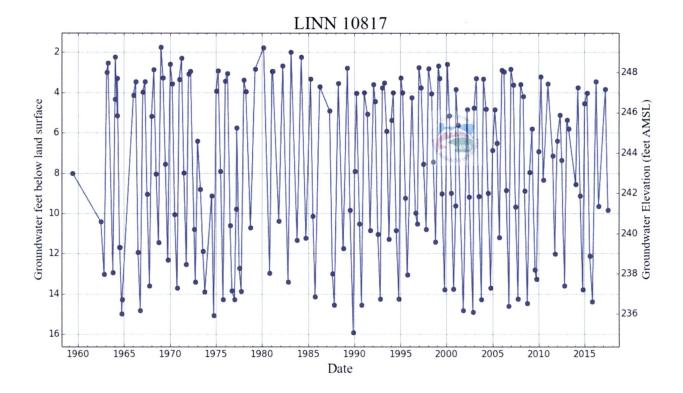
G-18511 T12S/R4W-Section 33



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Figure 3. Water level data at nearby well, LINN 10817, show long-term stability in the alluvial aquifer.



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Figure 4. Well Log Statistics T12S/R4W-Sections 27, 28, 33, 34.

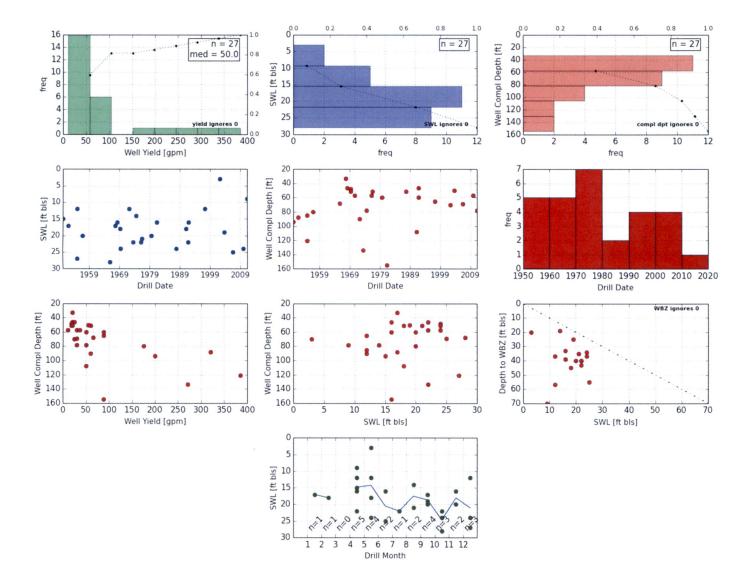
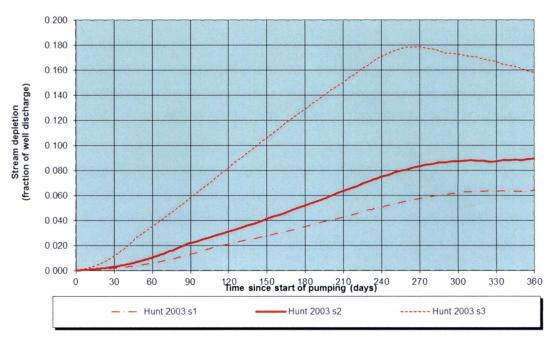


Figure 5. Stream Depletion





Output for St	ream De	pletion,	Scenerio	o 2 (s2):		Time pump on (pumping duration) = 240 days						
Days	30	60	90	120	150	180	210	240	270	300	330	360
J SD	80.6%	86.2%	88.7%	90.2%	91.2%	92.0%	92.6%	93.1%	12.9%	7.6%	5.4%	4.1%
H SD 1999	63.4%	73.2%	77.8%	80.6%	82.6%	84.0%	85.1%	86.1%	23.4%	14.2%	10.2%	7.9%
H SD 2003	0.31%	1.04%	2.21%	3.12%	4.14%	5.21%	6.36%	7.52%	8.33%	8.74%	8.73%	8.94%
Qw, cfs	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200
H SD 99, cfs	0.127	0.146	0.156	0.161	0.165	0.168	0.170	0.172	0.047	0.028	0.020	0.016
H SD 03, cfs	0.001	0.002	0.004	0.006	0.008	0.010	0.013	0.015	0.017	0.017	0.017	0.018

Parameters:		Scenario 1	Scenario 2	Scenario 3	Units
Net steady pumping rate of well	Qw	0.20	0.20	0.20	cfs
Time pump on (pumping duration)	tpon	240	240	240	days
Perpendicular from well to stream	а	4000	4000	4000	ft
Well depth	d	155	155	155	ft
Aquifer hydraulic conductivity	K	160	220	500	ft/day
Aquifer saturated thickness	b	20	20	20	ft
Aquifer transmissivity	Т	3200	4400	10000	ft*ft/day
Aquifer storativity or specific yield	S	0.001	0.001	0.001	
Aquitard vertical hydraulic conductivity	Kva	0.25	0.33	0.67	ft/day
Aquitard saturated thickness	ba	30	30	30	ft
Aquitard thickness below stream	babs	3	3	3	ft
Aquitard porosity	n	0.2	0.2	0.2	
Stream width	ws	20	20	20	ft
Streambed conductance (lambda)	sbc	1.666667	2.200000	4.466667	ft/day
Stream depletion factor	sdf	5.000000	3.636364	1.600000	days

### E-2

Standard Application Completeness Checklist
Minimum Requirements (OAR 690-310-0040)(ORS 537.400)

Yes No

This is the checklist used by WRD staff

Ap	plication	on 6-1851		County	MED		Priority Date	5.15.17
То	wnship	126	Range _	40	Section	33		
An	nount _	90 gpm	Use	100				WM Dist. # 2
Ap	plicant	Name	Mc G	ce for	Willia	am 1	Padke	
Re	ceipt N	0. 123417		Caseworke	er Assigned:	□ Barbe	□ Kim	□ Lisa ⊠Scott
1	Conta	ct info: Applicant	/Organizati	ion Name and	Mailing Add	lress		
-	Signar	ture (in ink) of <i>all</i> zation or corporat	applicants ion).	or the applica	ant's authoriz	ed agent (i	nclude title or	authority if for an
	Prope If I	rty ownership: Do Vo:	es the appl	icant own all	the land for the	he propose	ed project	<u>/ N</u>
		The affected land	downer's n	ame and mail	ing address n	nust be list	ed	
		A signed statement access to land creations	ent declarin	ng the existend te proposed di	ce of either w tch canal or o	ritten autho	orization or an must be subm	easement permitting itted.
	For a	SW Application:	Source of	water must be	indicated.			
PIR		NOTE: A surface	water app of the stor	expired agreen lication canno	nent for store of he filed at th	d water? ((	ORS 537.400)	the applicant own the pir or Alt Reservoir if it on, Exp. Secondary
		If for stored water	er not unde	r contract, is t	he source aut	horized un	ider a permit, o	certificate, or decree?
	,	Permit or Certific	cate issued	? <u>Y</u> / N			Certificate#_	
KQ <sup>t</sup>	Fora	GW Application:	Well Deve	elopment Tab	les completed	and/or a v	well log report	included (if existing)
	Propos	sed water use						
		Amount of water Period of use ind If for supplement	icated				mit or certifica	ite number listed
	/\	(Primary and Su	pplemental	l Irrigation co	ounts as 2 use	s)	ant of certified	ac number fisted
	Water	Management Sec	tion (Estim	ates if the wa	ter system ha	s not been	designed)	
AC	Resou	rce Protection Sec	tion (N/A f	for Groundwa	ater)			
NG)	For al	l standard reserva vidth and surface a	oir applicat area for eac	tions: Prelimi ch reservoir.	nary plans an	d specifica	ations includin	g dam height, width,
D	Projec	t schedule (If syste	em is alrea	dv completed	indicate "ev	istina ")	April 1	

2/17/2017AM

Groups\wr\Customer Service Group\templates\standard app checklist

$\overline{\mathcal{C}}$	Suppl	emental data	sneets enclo	osed (if needed	1)				
FIX				Quasi-Municipet (if source is					
	Pleas	npleted <b>Lan</b> e e be certain t thin the past	that the Lan	or receipt sign d-Use form lis	ned and d ts all land	ated by Is involv	the appropriate planning red and all uses propose	g department officials. ed. Date of signature m	us
	descri sales	ption include contract or ti	es a metes ar tle insurance	nd bounds or c	other gove ovide this	rnment inform	er is diverted, crossed, a survey description. A coation, or applicant may able.	opy of the deed, land	t
(16)	NOTE	E: If it is with	idrawn unde		en return	applica	vithdrawn from further a tion and fees. If it is wi		1S,
	The n	nap must me	et all the mi	nimum require	ements of	OAR 6	90-310-0050.		
	1	Township,							
					elines or f	Jumas (	if POA/POD is outside	of DOLL)	
				d tax lot clearl			ii r OA/r OD is outside	oi roo)	
							); examples: 1" = 100 ft	1" - 200 ft	
							ence to a recognized pu		
	7	Multiple w	ells shall be	uniquely labe	led, and i	dentifie	d on well logs if existing	g.	
		Reference							
		North Dire	ctional Sym	bol					
	9	Number of	acres per 1/4	-1/4 if for irriga	tion, nurs	sery, or a	agriculture		
		1	_			•	e feet AND having a dar	m height ≥ 10 feet, mag	)
			epared by a						
			600	print	ma				
	Fees:		- Jee	1,					
	Base				\$		Permit Recording Fees		
		FS @ <u>\$300</u>	<b>#200</b>		\$		Mitigation Fee	\$	
		add'l CFS @ AF up to 20			\$		Des Fee Texal	<b>C</b>	
		add'l AF @		<u>ea</u>	\$ \$		Rec Fee Total Rec Fee Paid	\$	
		add'l □pod		@ ea	\$		Rec I ee I ald	Φ	
		add'l res @	•		\$				
	Exan	n Fee Total			\$		Total Fees	51700	
	Exan	n Fee Paid			\$		Paid	51900	
							Amount Due	\$	
Re	eviewed	d by:	T			Date: _	51517		