Water Right Conditions Tracking Slip

Groundwater/Hydrology Section

FILE ## G-17599
ROUTED TO: Water Rights - Kerry

TOWNSHIP/
RANGE-SECTION: 235/31 E-11 CC

CONDITIONS ATTACHED?: Hyes [] no

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: Mike

WATER RESOURCES DEPARTMENT

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TO: FRO	M: IECT:	Appl GW: Sceni	M. L. (R c Wate	G- /7 Reviewer's	2ww Name) iterfere	+ nce Ev	aluation	1			•
	_YES _NO	The s	ource of	f approp	riation :	is withir	ı or abo	ve a Sco	enic Wa	terway	
	_YES	Use th	ne Sceni	c Water	rway co.	ndition	(Condit	ion 7J)			
	interfer calcul Per Olinterfer the Details that the	erence vated into RS 390. erence was epartmented prop	.835, the with surferference 835, the with surference used used used maintai	face wat the is dist the Ground face wat able to the will n	er that of the cributed d Water er that of the cribat the cribat areasura	contributed below. Section contributed thered by red	tes to a is una tes to a e is a pr uce the	ble to conscenic versions of the second of t	Waterw alculate vaterwa erance e water	ground y; there of evide flows	water
Calcula calcula informi	te the per ted, per c ng Water	rcentage riteria in Rights th	INTER of consum 390.835, nat the De	nptive use do not fi partment	e by mont ll in the to is unable	able but c e to make	heck the a Prepon	"unable" iderance	option a	bove, thu ce findin	g.
Water	way by	the follo	it is calcowing an	mounts			•		e consu		Scenic use by
an	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov ·	Dec

<u>PUBLI</u>	C INTE	REST I	<u>REVIEW</u>	FOR GROU	ND WAT	ER APPL	<u>ICATIONS</u>	1						
TO:		Wate	r Rights S	Section				Dat	e <u>D</u>	ecembe	er 18, 20	12		
FROM	:	Grou	nd Water	/Hydrology	Section _		Zwart							
SUBJE	CT:	Appl	ication G	- 17599			ewer's Name persedes re	view of						
50202	Date of Review(s)													
oar 69 welfare, to deter the pres	90-310-13 safety armine whe umption	30 (1) and heal of ther the criteria	The Depar th as described presump . This rev	IMPTION; timent shall peribed in ORS tion is establitiew is based	resume than 537.525. I shed. OAR upon avail	t a propose Department 690-310-1 lable infor	ed groundw staff reviev 140 allows t mation and	ground wate he proposed agency poli	er appli use be r icies in	cations u modified place at	nder OA or condit the time	R 690-31 tioned to	0-140 meet	
A. GEN	EKAL II	NFURI	AATION:	Applicant's	Name: Lo	oretta Zene	<u>ey/James C</u>	ampbell	Coun	ty: <u>Ha</u>	rney			
Al.				<u> 11</u> cfs f								_	_Basin,	
	F	oison	Creek Slo	ugh		subb	oasin Qu	ad Map: P	oison C	reek Slo	ugh			
A2. A3.	Propose Well and	d use: _ d aquif	<u>Irı</u> er data (at	rigation, 10.0 tach and nui	5 acres nber logs	Seas for existing	onality: g wells; ma	May 1-Oc rk proposed	tober 1 wells a	as such u	nder log	id):		
Well	Logi	id	Applican Well #		d Aquifer*	Propose Rate(cfs	Proposed Location			Location, metes and bounds, 2250' N, 1200' E fr NW cor				
1	HARN	434	1		sin fill	0.11			w_		441' E fr			
3														
4														
5 * Alluviu	ım, CRB,	Bedrocl	K										_	
Well	Well Elev ft msl	First Water	r SWL	SWL Date	Well Depth (ft)	Seal Interval (ft)	Casing Intervals (ft)	Liner Intervals (ft)	Or S	orations Screens (ft)	Well Yield (gpm)	Draw Down (ft)	Test Type	
1	4146	42	18	10/16/1978	280	0-18	0-200	None	None		120	10	P	
							_					_		
Ti 1-4-	C 1		for propose	4 11 -										
A 4.	Comme	nts:	The well	is developing	g a coarse raulically	sand laver separated	r at a depth from shallo	of 265 to 27 ow water-be	75 feet. aring z	A nearl	oy aquife he local	er test inc scale.	dicated	
A5. ⊠	manager (Not all	ment of basin r	f ground wules conta	eur Lake rater hydraulie in such provis	cally conne	ected to sur	face water		are no	ot, activa	ent, classi ted by th	fication a	and/or ation.	
A6. □	Name of	f admir	nistrative a	,, rea:									striction.	

•		G- 17399 continued Date: December 18, 2012
<u>GR</u> 1.		ed upon available data, I have determined that ground water* for the proposed use:
1.	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 ground water portion of the over-appropriation determination as prescribed in OAR 690-310-130;
	b.	
	c.	☐ will not or ☐ will likely to be available within the capacity of the ground water resource; or
	d.	will, if properly conditioned, avoid injury to existing ground water rights or to the ground water resource: i. The permit should contain condition #(s) 7N 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 ground water production from no deeper than ft. below land surface;
	b.	Condition to allow ground water production from no shallower than ft. below land surface;
	c.	Condition to allow ground water production only from the ground water 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 Groun Water 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):
	Gro Bas	ound water availability remarks: <u>Region Manager recommends consistent use of Condition 7N in the Harney</u> in.
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Applic	ation: (G	17599	contin	ued				D	ate: <u>[</u>	Decem	ber 1	8, 2012			3
C. GR	ROUNI) WA	TER/SUI	RFACE	WATER C	ONSIDER	ATIC	<u>) NS, (</u>	OAR 690-0	9-04 <u>0</u>						
C1. 69	90-09-0)40 (1)	: Evaluatio	n of aquif	fer confinem	ent:										
	Well Aquifer or Proposed Aquifer Confined Unconfined															
	1	I	Basin-fill se			and volcanio	clastic	seds.		⊠*				\square		
		_		Qal and	Tvs of Leo	nard, 1970								片		
										╫		+		⊢		
										\exists		+		븀		
]	Lake or	r more	local surf	ace water	sources. *	Regionally, t The deeper hich are less	water-	<u>beari</u>	ng zones ap	pear to	be se					
C2. 6 9	horizo assume	ntal dis	stance less	than ¼ mi ally conne	le from a sur	nd hydraulic face water s surface water	ource t	hat pr	oduce water	from a	n unco	onfine	d aquife	r shal yond	l be one m	
		ew.				GW	S	W	Distance	1	Hydraı	licall	y		tential st. Inte	
	Well	SW #	Su	ırface Wate	er Name	Elev		ev	(ft)		Conne				st. mie ssume	
		"				ft msl	ftı	nsl		YES	NO	ASSU	MED		ES	NO
	1_	1	Po	ison Creek		4128		44	2400		\boxtimes					X
	1	2		Foley Slo	ough	4128	41	43	2850	무	X				<u> </u>	
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C3a. 6	Water 312001 590-09- connectare pert	Availa 06 PO 040 (4 ted and inent to	bility Basi ISON CR	n the well SL> NIN ion of street 1 mile from the water so the 1% or	l(s) are loca EMILE SL- eam impacts om a surface ource, and n f 80% nature	ted within:_ AT MOUT for each wel water source ot lower SW al flow for the	31200 TH	D201 V	W FK SILV on determined unation to instruction the street	d or ass ream rieam und	MA sumedights a der ev Basin (LHE to be and maluati	UR L- A e hydrau inimum on is trib B). If Q	T Mo	OUTH y n flow distril	H;
	Well	SW #	Well < 1/4 mile?	Qw > 5 cfs?	Instream Water Right ID	Instream Water Right Q (cfs)	ISV	v > % % VR?	80% Natural Flow (cfs)	of 8 Nat Flo	> 1% 80% ural ow?		erference 30 days (%)		Potent for Sul Interf Assum	bst. er.
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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: _	This section does not apply.

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.

	stributed V	Vells											
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q	as CFS												
	ence CFS												
			· · · · · · · · · · · · · · · · · · ·	¥	·		***						
	uted Wells												
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q													
Interfer	ence CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q	as CFS				_								
Interfer	ence CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q	as CFS												
Interfer	ence CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q	as CFS												
	ence CFS							,	_				
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q	as CFS												
	ence CFS		_							,			
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q	as CFS					, ,			,,,				
	ence CFS												
		of y at at	elfanderen e							I			
(A) = To	otal Interf.												
(B) = 80	% Nat. Q												
(C) = 1	% Nat. Q										_		
$\mathbf{(D)} = \mathbf{(A)}$		√	√	√	√	√	√ • • • •	✓	√`	√	1	√'	√.
$(\mathbf{E}) = (\mathbf{A}$	/B) x 100	%	%	%	%	%	· %	%	%	%	%	%	%

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

Applic	cation: G- 17599 continued	Date: December 18, 2012
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		<u>_</u>
lb.	690-09-040 (5) (b) The potential to impair or detrimentally affect Rights Section.	ct the public interest is to be determined by the Wat
. \square	 If properly conditioned, the surface water source(s) can be adequate under this permit can be regulated if it is found to substantially interfer i. ☐ The permit should contain condition #(s) 	ere with surface water:
	i. The permit should contain condition #(s) ii. The permit should contain special condition(s) as indicate	ad in "Pamarks" halaw
	ii. The perint should contain special condition(s) as indicate	ed in Remarks below;
CV	W/CW Demonis and Conditions	
. 	W / GW Remarks and Conditions:	
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<u>Le</u>	eferences Used: <u>Local well logs; local recent reviews, particularly</u> eonard, 1970; Greene, Walker, and Corcoran, 1972, Geologic Map	of the Burns Quadrangle, Oregon, USGS
	liscellaneous Geologic Investigations Map I-680; Memo by Ivan Gal	l, 1/15, 2008, Stream Assessment for Division 9
<u>Re</u>	eview in the Malheur Lakes Basin.	
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Applica	tion: G- <u>17599</u> continued Date: <u>December 18, 2012</u> 6
D. <u>WE</u>	LL CONSTRUCTION, OAR 690-200
D1.	Well #:1
D2.	THE WELL does not meet current well construction standards based upon: a. review of the well log; b. field inspection by
D3.	THE WELL construction deficiency: a. constitutes a health threat under Division 200 rules; commingles water from more than one ground water reservoir; permits the loss of artesian head; d. permits the de-watering of one or more ground water reservoirs; e. other: (specify)
D4.	THE WELL construction deficiency is described as follows: I do not have any issues with the well construction.
D5.	THE WELL a. was, or was not constructed according to the standards in effect at the time of original construction or most recent modification.
	b. \(\square\) I don't know if it met standards at the time of construction.
D6. □	Route to the Enforcement Section. I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Department and approved by the Enforcement Section and the Ground Water Section.
THIS	SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL
D7. 🗆	Well construction deficiency has been corrected by the following actions:
	(Enforcement Section Signature)
D8.	Route to Water Rights Section (attach well reconstruction logs to this page).

