DITDI	IC IN	repe	er dev	TEM EOI	CDOI	TA.	TTN TAT A	TT	*D A D1		ONIC	,				
<u>гові</u> Т0:	LIC IIV		<u> </u>		<u> GRUL</u>	יוע	ND WA	110	K AP	PLICATION Des		-	n. 200	æ		
		Water Rights Section								Dat	e	Februar	<u>ry 9, 200</u>	3		
FROM	1:	Grou	nd Water/	Hydrology	Section _				Zwart							
SUBJI	ECT:	Appl	ication G-	16372						view of		N/A				
								•					Date of Re	view(s)		
OAR 6 welfare to deter	590-310-1 e, safety a rmine who sumption	30 (1) nd head ether the	The Depara th as descr e presumpt . This revi	ribed in ORS tion is estable cw is based	oresume the 537.525. ished. OA upon ava	at De R (a propos epartmen 590-310- ble info	ed g t sta 140 ma	ff reviev allows t tion and	ater use will y ground wat he proposed agency pol	er appuse bicies i	plications e modified in place a	under OA I or condi I the time	R 690-3 tioned to of evalu	10-140 meet	
A1.	Applies	nt(s) se	ek(s) 2.0	cfs fro	m one		well	(c) i	n the	Hood					Basin	
л.				CIS IIO						ad Map: P					_ basn	
A2. A3.	Propose	ed use:	Su	pp. Irrigati	on, 249.9	ac.	Seas	sona	lity:	March 1 t	o Oct	ober 31	under lo	gid):	D)	
Well	Logid Applicant's						Proposed Local				Location	n, metes	and boun	ds, e.g.		
1		WASC 51267 Well #			Aquifer* CRB			Rate(cfs) (T/R-S QQ-Q) 2.0 1N/14E-27 SE-SV				2250' N, 1200' E fr NW cor S 36 338' N, 3110' W fr Se cor S 27				
2		1 -			CRB		2,0	210 11011127 513-517			**	555 1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	11 00 001	027	
3																
4										8						
5										•						
* Alluvi	ium, CRB,	Bedroc	k													
Well	Well Elev ft msl	First Wate ft bls	r SWL	SWL Date	Well Depth (ft)		Seal Interval (ft)		Casing ntervals (ft)	Liner Intervals (ft)		rforations Screens (ft)	Well Yield	Draw Down	Test Type	
3	985	40	865	6/12/04	1257	10)-698	0-	694?	None	Noi		(gpm) 500	(ft) 141	P	
						T		\vdash	_		_			_		
Use data	a from app	lication	for proposed	d wells.		'								<u> </u>		
A4.	Comme	ents: <u>T</u>	he well cas	es and seal	s off all W	/B2	Zs above	996	5'. The	well may no	t easi	ly produc	e the des	ired qua	ntity.	
							•									
							-		_							
												<u> </u>				
A5. 🛭	manage (Not all	ment or basin r	ules contai	ater hydraul n such prov	isions.)	eci	ted to sur	face	Basin rue water	iles relative t	o the are	developm not, activ	ent, class ated by th	ification is applic	and/or ation.	

app # G 16372

A6. Well(s) #_____,
Name of administrative area: _

___, tap(s) an aquifer limited by an administrative restriction.

Applic	ation	G- <u>16372</u> continued	Date: February 9, 200)5
В. <u>GF</u>	OUN	ND WATER AVAILABILITY CONSIDERATION	IS, OAR 690-310-130, 400-010, 41	<u>10-0070</u>
B1.	Bas	sed upon available data, I have determined that ground wa	ter* for the proposed use:	
	a.	is over appropriated, is not over appropriated, or period of the proposed use. * This finding is limited determination as prescribed in OAR 690-310-130;		
	b.	will not or will likely be available in the amounts is limited to the ground water portion of the inju	requested without injury to prior water ry determination as prescribed in O.	rights. * This finding AR 690-310-130;
	c.	will not or will likely to be available within the	apacity of the ground water resource; or	•
	d.	will, if properly conditioned, avoid injury to existing i. The permit should contain condition #(s) ii. The permit should be conditioned as indicated iii. The permit should contain special conditions.	7E ad in item 2 below.	vater resource:
B2.	a.	Condition to allow ground water production from no	deeper than ft. bel	ow land surface;
	b.	Condition to allow ground water production from no	shallower than ft. bel	ow land surface;
	c.	Condition to allow ground water production only fro water reservoir between approximately f	n the ft. below land surfac	ground
	d.	Well reconstruction is necessary to accomplish one occur with this use and without reconstructing are cite issuance of the permit until evidence of well reconstruction.	d below. Without reconstruction, I reco	mmend withholding
		Describe injury —as related to water availability— that senior water rights, not within the capacity of the resour	s likely to occur without well reconstructe, etc):	ction (interference w/
В3.	Gro	ound water availability remarks:		
	_			
	_			

Version: 08/15/2003

11 CII		Well Aquifer or Proposed						Confined	U	Unconfined			
3	Basa	lt of the C	olumbia	River Basal	Group			\boxtimes					
										Ш			
					·			Ш					
Basis fo lepth tl	r aqui 1at gro	fer confine	ement ev r was fir:	aluation: <u>B</u> st encounter	asalt aquife ed in the wel	rs in this a	rea are typic	cally confine	d; the SWL h	ere is abov			
horizor assume	ntal dis d to be	tance less t	han ¼ m ally conn	ile from a sur	face water so	urce that pr	oduce water	from an unce	es. All wells lo onfined aquife ms located be	r shall be			
					GW	SW		Hydrai	ilically	Potential			
Well	SW #	Su	rface Wa	iter Name	Elev	Elev	Distance		ected?	Subst. Inte			
	#				ft msl	ft msl	(ft)	YES NO	ASSUMED	Assume YES			
1	1	Unn. tri	b. Eighti	nile Cr. 1	120	975	20						
1	2			nile Cr. 2	120	960	2700						
1	3	Eightmi	le Creek		120	690	5200						
										<u> </u>			
	_							ШШ	Ц				
Sasis to Ivdrau	lic con	nection is	<u>possible</u>	with a distar	<u>1t (8-10 mile</u>	s) reach of	the Columb	oia River bel	nearest stream ow The Dalle LE CR - AB I	s Dam.			
	Vailal 50).	oility Basin	n the wel	(S) are local									
Vater A 304105 90-09-0 onnectore pertine requires by well,	50). 040 (4) ed and nent to ested ra	ess than that surfacte against	ion of stre 1 mile free water s the 1% o	eam impacts form a surface ource, and not formatter and notice for a surface for a sur	or each well water source. I lower SW:	that has bee Limit eval sources to verpertinent Verpertin	en determine uation to ins vhich the stre Water Availa	tream rights a cam under ev bility Basin (d to have the	to be hydrau and minimum a aluation is trib WAB). If Q i potential to ca	stream flow outary. Com s not distrib use PSI.			
Vater A 304105 90-09-0 onnectore pertine require	50). 040 (4) ed and nent to ested ra use ful	ess than that surfac ate against I rate for e	ion of street water street 1% oach well.	eam impacts for a surface ource, and not face out the face of the	or each well water source. ot lower SW sollow for the box indicates.	that has been Limit evaluates to we pertinent Verales the we	en determine uation to ins which the stre Vater Availa ell is assume	tream rights a eam under ev bility Basin (d to have the	and minimum aluation is trib WAB). If Q i potential to ca	stream flow outary. Com s not distrib use PSI.			
Vater A 304105 90-09-0 onnectore pertine requires by well,	50). 040 (4) ed and nent to ested ra use ful	less than that surfac ate against I rate for e	ion of stre 1 mile from the water so the 1% of ach well. Qw > 5 cfs?	eam impacts for a surface ource, and not f80% natura Any checked Instream Water Right	or each well water source. of lower SW selfow for the sox indicates the source of the	that has bee Limit eval sources to verpertinent Verpertin	en determine uation to ins which the stre Water Availa ell is assumed 80% Natural Flow	tream rights a cam under ev bility Basin (d to have the Qw > 1% of 80% Natural	and minimum aluation is trib WAB). If Q i potential to ca	stream flow outary. Com s not distrib use PSI. Potent for Sul Interfe			
Vater A 304105 90-09-0 onnectore pertine requires by well,	50). 040 (4) ed and nent to ested ra use ful	less than that surfac ate against I rate for e	ion of stre 1 mile from the water so the 1% of ach well.	eam impacts for a surface ource, and not f80% natura Any checked Instream Water Right	or each well water source. of lower SW selfow for the sox indicates the source of the	that has been Limit evaluates to we pertinent Vocates the ween Limits and Lim	en determine uation to ins which the stre Water Availa ell is assumed 80% Natural Flow	tream rights a cam under ev bility Basin (d to have the Qw > 1% of 80% Natural	and minimum aluation is trib WAB). If Q i potential to ca	stream flow outary. Com s not distrib use PSI. Potent for Sul Interfe			
Vater A 304105 90-09-0 onnectore pertine requires by well,	50). 040 (4) ed and nent to ested ra use ful	less than that surfac ate against I rate for e	ion of stre 1 mile from the water so the 1% of ach well. Qw > 5 cfs?	eam impacts for a surface ource, and not f80% natura Any checked Instream Water Right	or each well water source. of lower SW selfow for the sox indicates the source of the	that has been Limit evaluates to we pertinent Vocates the ween Limits and Lim	en determine uation to ins which the stre Water Availa ell is assumed 80% Natural Flow	tream rights a cam under ev bility Basin (d to have the Qw > 1% of 80% Natural	and minimum aluation is trib WAB). If Q i potential to ca	stream flow outary. Com s not distrib use PSI. Potent for Sul Interfe			
Vater A 304105 90-09-0 onnectore pertine requires by well,	50). 040 (4) ed and nent to ested ra use ful	less than that surfac ate against I rate for e	ion of street water so the 1% of ach well. Qw > 5 cfs?	eam impacts for a surface ource, and not f80% natura Any checked Instream Water Right	or each well water source. of lower SW selfow for the sox indicates the source of the	that has been Limit evaluates to we pertinent Vocates the ween Limits and Lim	en determine uation to ins which the stre Water Availa ell is assumed 80% Natural Flow	tream rights a cam under ev bility Basin (d to have the Qw > 1% of 80% Natural	and minimum aluation is trib WAB). If Q i potential to ca	stream flow outary. Com s not distrib use PSI. Potent for Sul Interfe			
Vater A 304105 90-09-0 onnectore pertine requires by well,	50). 040 (4) ed and nent to ested ra use ful	less than that surfac ate against I rate for e	ion of stre 1 mile from the water so the 1% of ach well. Qw > 5 cfs?	eam impacts for a surface ource, and not f80% natura Any checked Instream Water Right	or each well water source. of lower SW selfow for the sox indicates the source of the	that has been Limit evaluates to we pertinent Vocates the ween Limits and Lim	en determine uation to ins which the stre Water Availa ell is assumed 80% Natural Flow	tream rights a cam under ev bility Basin (d to have the Qw > 1% of 80% Natural	and minimum aluation is trib WAB). If Q i potential to ca	stream flow outary. Com s not distril use PSI. Potent for Su Interf			
Vater A 304105 90-09-0 onnectore pertine requires by well,	50). 040 (4) ed and nent to ested ra use ful	less than that surfac ate against I rate for e	ion of street water so the 1% of ach well. Qw > 5 cfs?	eam impacts for a surface ource, and not f80% natura Any checked Instream Water Right	or each well water source. of lower SW selfow for the sox indicates the source of the	that has been Limit evaluates to we pertinent Vocates the west of the limit evaluates the limit ev	en determine uation to ins which the stre Water Availa ell is assumed 80% Natural Flow	tream rights a cam under ev bility Basin (d to have the Qw > 1% of 80% Natural	and minimum aluation is trib WAB). If Q i potential to ca	Potent for Sul Interf. Assum			

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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.

Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as	CFS											_	
Interferen	ce CFS												
Distribu	ted Well	c									_		-
Well	SW#	Jan	Feb	Mar	Арг	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as	CFS												
Interferen	ce CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as	CFS												
Interferen	ce CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as	CFS						_						
Interferen	ce CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as	CFS												
Interferen	ce CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as													
Interferen	ce CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as	CFS												
Interferen	ce CFS												
(A) = (F- 4)	17-4												
(A) = Tota						_							
(B) = 80 %													
(C) = 1 %	Nat. Q												

ication G-16372continued	Date: February 9, 2005
total interference as CFS; (B) = WAB calculated natural flow at 80% (D) = highlight the checkmark for each month where (A) is greater the	exceed. as CFS; (C) = 1% of calculated natural flow at 80% exceed. a
Basis for impact evaluation: This section does not apply.	nan (C); (E) = total interference divided by 80% flow as percentage.
690-09-040 (5) (b) The potential to impair or detriment	tally affect the public interest is to be determined by the Wa
Rights Section.	tany affect the public interest is to be determined by the Wa
If properly conditioned, the surface water source(s) can be under this permit can be regulated if it is found to substantia i. The permit should contain condition #(s)	e adequately protected from interference, and/or ground water tally interfere with surface water:
ii. The permit should contain special condition(s)	as indicated in "Remarks" below;
W / GW Remarks and Conditions	
	· · · · · · · · · · · · · · · · · · ·
eferences Used: Local well logs; nearby reviews, especial	ly G-15885; personal communication with Marc Norton.

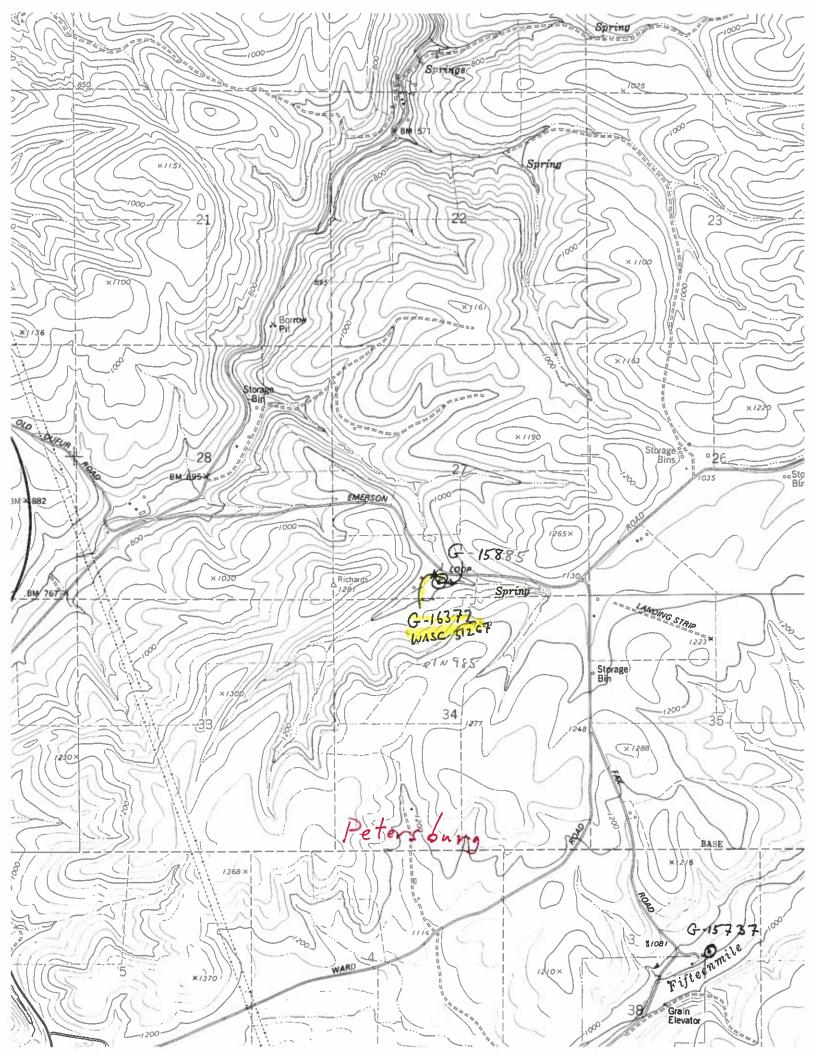
Application G-16372 continued

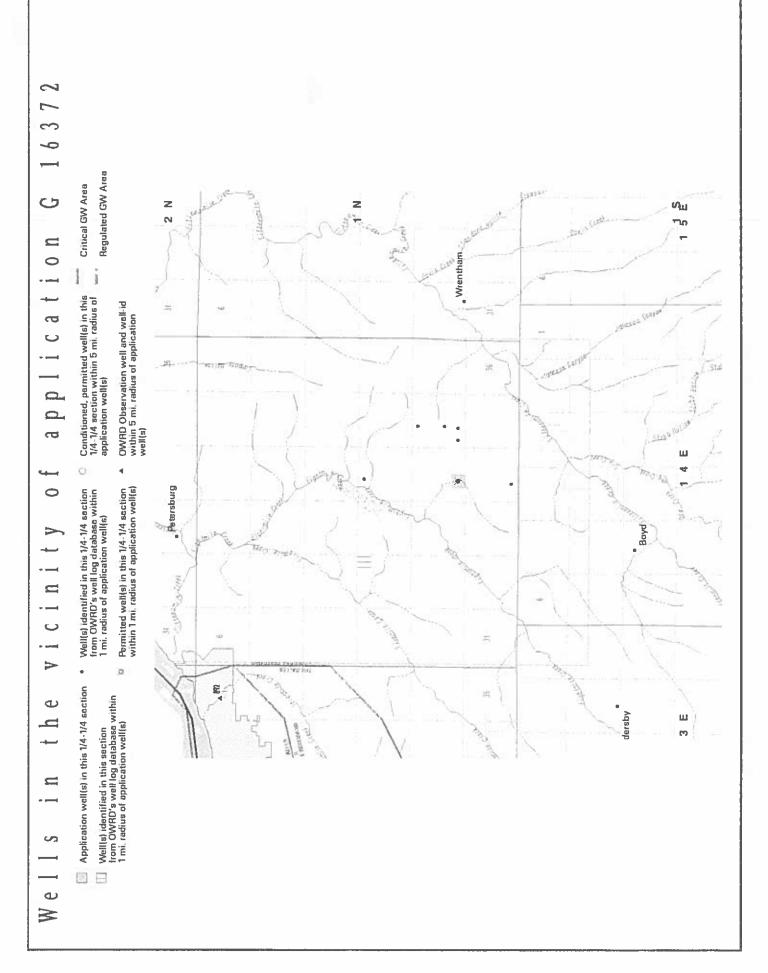
Applica	ation G-16372continued Date: February 9, 2005
Ď. <u>W</u> Е	ELL CONSTRUCTION, OAR 690-200
D1.	Well #:3 Logid: <u>WASC 51267</u>
D2.	THE WELL does not meet current well construction standards based upon: a. review of the well log; b. field inspection by; c. report of CWRE; d. other: (specify);
D3.	THE WELL construction deficiency: a.
D4.	THE WELL construction deficiency is described as follows:
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.
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)
	(Enforcement Section Signature)
D8.	Route to Water Rights Section (attach well reconstruction logs to this page).

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Water Resources Department

M	ІЕМО							Febr	-navy	9 , 20	005		
T	0	A	pplicat	ion G	1637	2							1000
F	ROM	G	W:	1 ichael	ZWN	+							
St	UBJEC.			(wer a realise)	ference	Evalua	ation					
[L	Ye No	Th	e sourc	e of app	propriati	on is wi	thin or	above a	ı Scenic	c Water	way		
	Yes No		e the So	enic W	aterway	conditi	on (Co	ndition '	7J).				
PR	EPOND	ERAN	CE OF	EVIDE	NCE FI	NDING	: (Che	ck box	only if	stateme	nt is tru	e)	
P	3	sur	face wa	ter flow	propos s neces	sed use	of gro	und w	ater wi	Il meas	surably	nderance of reduce the of a scenic	
							Ĺ					84	
FLO	OW REI	OUCTI	ON: (Ta	be fille	ed out o	nly if <u>Pr</u>	eponde	erance o	f Evide	nce box	: is not c	checked)	
Exe Wat	rcise of	this per	rmit is c	alculate	ed to red	luce mo	nthly f	lowe in				Scenice by which	
									-8				
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	





ABANDON: 2 RECONDITIONED: 2 REPAIRED: 2 CONVERSION: 0 DEEPENINGS: 3 NEW CONSTRUCT: 8
COMMUNITY USE: 0 DOMESTIC USE: 3 INDUSTRIAL USE: 0 INJECTION USE: 0 IRRIGATION USE: 8 THERMAL USE: 0 LIVESTOCK USE: 0
PERMITTED WELLS WITHIN 1 MILE OF APPLICATION G 16372
\$RECNO APPLICATION PERMIT CLAIM LOC-QQ USE_CODE 1 G 7437 G 6934
NO CONDITIONED WELLS WITHIN 1 MILE OF APPLICATION G 16372

APPLICATION G 16372 FALLS WITHIN THESE QUAD(S)
PETERSBURG ************************************
The following OWRD Groundwater Management Areas are within the map extent:
\$RECNO NAME1 NAME2 SUB-AREA STATUS 1 THE DALLES THREEMILE RESERVOIR CRIT 2 THE DALLES THREEMILE RESERVOIR CRIT