PUBLIC INTEREST REVIEW FOR GROUND WATER APPLICATIONS

TO:		Water	r Rights Se	ction				Date	e April 2,	2009		
FROM	:	Grou	nd Water/F	Iydrology	Section _		ael Zwart					
SUBJE	CT:	Appli	cation G	17161			iewer's Name persedes re	view of		Date of Re		
										Date of Re	view(s)	
OAR 69 welfare, to determ	90-310-1 safety armine who	30 (1) 7 and heal ether the	<i>th as descri</i> e presumpti	nent shall p bed in ORS on is establ	oresume th 5 537.525. lished. OA	at a propos Departmen R 690-310-	sed groundw t staff reviev -140 allows	w ground wat the proposed	ensure the prester applications use be modifie icies in place a	under OA d or cond	AR 690-3 itioned to	10-140 meet
A. GE	NERAL	INFO	RMATIO	<u>N</u> : A	pplicant's	Name:	Medelez T	rucking, L	LC	County:	Umatil	la
A1.	Applica	nt(s) se	ek(s) <u>0.56</u>	8 cfs fro	m <u>one</u>		(s) in the					_ Basin,
						subb	oasin Qu	ıad Map: <u>H</u>	ermiston			
A2. A3.									o October 31 d wells as such	under lo	gid):	
Wel 1	Logi	-	Applicant s Well #	Pr	oposed quifer*	Propos Rate(cf	ed	Location //R-S QQ-Q)	Location	n, metes a	and boun	
1	Propo	sed	New	All	luvium	0.568	3 4N/2	28E-2 NE-N	E 50' S	5, 660' E fi	r N ¼ cor	S 2
3												
4												
5 * Alluviu	um, CRB,	Bedrocl	ζ									
Well	Well Elev ft msl	First Water ft bls	. SWL ft ble	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	535		70		190	0-175	0-175	None	175-190			
A4.	Commo	ents: <u>T</u> ch was		ion is prop nd a findi	ng made tl	hat the res	ource is ove		AT 54837) was			
A5. 🖂	manage (Not all	ment of basin r	ules contair	ter hydraul such prov	ically com	nected to su	ırface water	ules relative t	to the developm are not, activ	ent, class vated by t	ification his applic	and/or cation.
A6. 🗌	Name o	f admir	istrative are	ea:,	,	,	, ta	p(s) an aquif	er limited by an	administ	rative res	triction.

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B. <u>G</u> 1	ROUN	ND WATER AVAILAE	BILITY CONSIDERATION	NS, OAR 690-310-130, 4	<u>400-010, 410-0070</u>
B1.	Bas	sed upon available data, I	have determined that ground w	ater* for the proposed use:	
	a.	period of the propose	is not over appropriated, or duse. * This finding is limited acribed in OAR 690-310-130;		I to be over appropriated during any on of the over-appropriation
	b.		ikely be available in the amount ound water portion of the inju		to prior water rights. * This finding scribed in OAR 690-310-130;
	c.	☐ will not or ☐ will l	ikely to be available within the	capacity of the ground water	er resource; or
	d.	i.	aditioned, avoid injury to existing should contain condition #(s)should be conditioned as indicates should contain special condition	7E ed in item 2 below.	
B2.	a.	Condition to allow a	ground water production from n	o deeper than	ft. below land surface;
	b.	☐ Condition to allow §	ground water production from n	o shallower than	ft. below land surface;
	c.	Condition to allow g	round water production only from approximately 0 1	om the alluvial ft. and 200 ft. below	ground w land surface;
	d.	to occur with this use	and without reconstructing are of the permit until evidence of	cited below. Without reco	itions. The problems that are likely nstruction, I recommend with the Department and approved
			elated to water availability— that within the capacity of the resou		well reconstruction (interference w/
В3.	app		plication for an alluvial well m		ntively stable. I suggested to the my review of the previous
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OUND	vv A 1	ER/SURFACE WATER	JUNSIDEKA	<u> 110NS,</u>	<u>UAK 090-0</u>	<i>)7-</i> U4U				
	10 (1):	Evaluation of aquifer confiner	nent:							
Wel 1		Aquifer or Propose	ed Aquifer			Confine	d	τ	Inconfined	
1	Interb	edded sand, gravel and clay	,							
	••	er confinement evaluation:								
horizon assume	tal dista d to be	3): Evaluation of distance to, nnce less than ¼ mile from a shydraulically connected to the ted for PSI.	urface water so	urce that p	roduce wate	r from	an unco	nfined aqui	fer shall be	
horizon assume	tal dista d to be	ance less than ¼ mile from a s hydraulically connected to the	urface water so surface water GW Elev	source that p source. Inc	roduce wate	r from a able ar	an unco y stream Hydraul Connec	ically	Fer shall be beyond one Potentia Subst. In Assum	mile al for terfe
horizon assumed that are	tal dista d to be l evaluat SW	ance less than ¼ mile from a shydraulically connected to the sed for PSI. Surface Water Name	urface water so surface water	urce that p source. Inc	Distance (ft)	r from a able ar	An unco ly stream Hydraul Connec NO A	onfined aquions located b	fer shall be beyond one Potentia Subst. In	mile al for terfe ed?
horizon assumed that are	tal dista d to be l evaluat SW #	ance less than ¼ mile from a shydraulically connected to the sed for PSI.	GW Elev ft msl	SW Elev ft msl	Distance	r from a able ar	an unco y stream Hydraul Connec	ically	Fer shall be beyond one Potentia Subst. In Assum	mile al for terfe ed?
horizon assumed that are	tal dista d to be l evaluat SW #	ance less than ¼ mile from a shydraulically connected to the sed for PSI. Surface Water Name	GW Elev ft msl	SW Elev ft msl	Distance (ft)	r from a able ar	An unco ly stream Hydraul Connec NO A	ically	Fer shall be beyond one Potentia Subst. In Assum	mile al for terfe ed?
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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?

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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 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 do	es not annly						_

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.

Non-D	istributed	Wells											
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q	as CFS												
-	ence CFS												
		l											
Distrib	outed Wel	ls											
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 Q	as CFS												
Interfer	ence CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q	as CFS												
	ence CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q	as CFS												
	ence CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q	as CFS												
	ence CFS												
(A) = To	otal Interf.												
(B) = 80	% Nat. Q												
(C) = 1	% Nat. Q												
$(\mathbf{D}) = (\mathbf{A}$	A) > (C)		√										
$(\mathbf{E}) = (\mathbf{A}$	/B) x 100	%	%	%	%	%	%	%	%	%	%	%	%

690-09-040 (5) (b) The potential to impair or detrimentally affect the public interest is to be determined by the V Rights Section. If properly conditioned, the surface water source(s) can be adequately protected from interference, and/or ground wate 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		aluation:
Rights Section. If properly conditioned, the surface water source(s) can be adequately protected from interference, and/or ground water under this permit can be regulated if it is found to substantially interfere with surface water:		
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ii. The permit should contain special condition(s) as indicated in "Remarks" below; W/GW Remarks and Conditions W/GW Remarks and Conditions Efferences Used: Local well logs; nearby recent reviews; GW Reports 30 & 35; Lower Umatilla Basin Report, 1995	under this permit c	an be regulated if it is found to substantially interfere with surface water:
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	W / GW Remarks an	ocal well logs; nearby recent reviews; GW Reports 30 & 35; Lower Umatilla Basin Report, 1995
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D. <u>W</u>	ELL CONSTRUCTION	, OAR 690-200	
D1.	Well #:	Logid:	
D2.	 a. review of the we b. field inspection c. report of CWRE 	neet current well construction standards based upon: ell log; by	
D3.	b. commingles watc. permits the lossd. permits the de-w	alth threat under Division 200 rules; ter from more than one ground water reservoir;	
D4.	THE WELL construction	on deficiency is described as follows:	
D5.	THE WELL a. □ b. □	 was, or ☐ was not constructed according to the standards in effect at original construction or most recent modification. I don't know if it met standards at the time of construction. 	the time of
D6. [ent Section. I recommend withholding issuance of the permit until evide ent and approved by the Enforcement Section and the Ground Water Sect	
THIS	SECTION TO BE COM	MPLETED BY ENFORCEMENT PERSONNEL	
D7. [Well construction deficie	ency has been corrected by the following actions:	
	(Enforcement Se	ection Signature)	, 200
D8. [☐ Route to Water Rights	Section (attach well reconstruction logs to this page).	

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