# Groundwater Application Review Summary Form

Application # G USS	· 大学教授,1988年,1980年,1980年		
GW Roviewer Aure	<u> Boucher</u>	Date Review Completed:	<u>414/18</u> .
	bility and lajury Review:		
		appropriated, will not likely b hts, OR will not likely be avail	Experience of the Control of the Con
	water resource pel Section B		
Summary of Potential	for Substantial Interference	Review:	
[ ] There is the potenti	al for substantial interference	e per Section C afthe attache	d review form.
Summary of Well Cons	Bruction Assessment:		
		onstruction standards per Sec	flog D of the attached
THE RESERVE OF THE PARTY OF THE	nough Well Construction and	· · · · · · · · · · · · · · · · · · ·	
Dis & only a summary	Documentation is attached	and should be read therough.	k tounderstood the

insis for determinations and for conditions that may be necessary for a permit (if one is issued).

#### WATER RESOURCES DEPARTMENT

MEM	0						-	Apr	:\ 17	,20	<u>18</u>
TO:		Applic	ation G	18	5 33	<del></del>	-				
FROM	<b>1</b> :	Applic GW: _	Aurora (Reviewe	Boo er's Name	chier						·
SUBJI	ECT: S	cénic W	aterwa	y Inter	ference	Evalua	ition				
<u> </u>	YES NO	The sou	arce of a	appropri	ation is	within	or above	e a Scen	ic Wate	erway	
ĭ⊠ □	YES NO	Use the	Scenic	Waterv	vay con	dition (C	Conditio	on 7J)			
	interfe	RS 390. rence wated inte	ith sur	face wa	ater tha	t contri					
	interfe the De that t	RS 390. rence we partme he pro ary to r	ith surfa ent is u posed	ace wat nable to use wi	er that o o find t ll meas	contributhat the surably	tes to a ere is a reduce	scenic prepone the s	waterwa deranc surface	ay; then e of evi water	refore, idence
Calcula calculat	te the per ed, per d	ON OF rcentage c criteria in Rights th	of consun v 390.83:	iptive use 5, do noi	by mont fill in t	he table	but checi	k the "un	able" op	tion abo	ve, thus
Waterv	way by	is permi the follo water fl	wing a	mounts							Scenic use by
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

#### PUBLIC INTEREST REVIEW FOR GROUNDWATER APPLICATIONS Date \_\_\_\_\_April 17, 2018 TO: Water Rights Section Groundwater Section Aurora C Bouchier FROM: Reviewer's Name Supersedes review of <u>na</u> SUBJECT: Application G- 18533 Date of Review(s) PUBLIC INTEREST PRESUMPTION: GROUNDWATER OAR 690-310-130 (1) The Department shall presume that a proposed groundwater use will ensure the preservation of the public welfare, safety and health as described in ORS 537.525. Department staff review groundwater applications under OAR 690-310-140 to determine whether the presumption is established. OAR 690-310-140 allows the proposed use be modified or conditioned to meet the presumption criteria. This review is based upon available information and agency policies in place at the time of evaluation. A. GENERAL INFORMATION: Applicant's Name: Pan Estates LLC County: Lane Applicant(s) seek(s) <u>0.02\*</u> cfs from <u>1</u> well(s) in the <u>Willamette</u> A1. Basin, Coast Fork Willamette subbasin (Creswell quad) Proposed use Nursery \*\* A2. Seasonality: <u>yéar round</u> Well and aquifer data (attach and number logs for existing wells; mark proposed wells as such under logid): A3. Proposed Applicant's Location Location, metes and bounds, e.g. Well Logid Proposed Aquifer\* Well# Rate(cfs) (T/R-S QQ-Q) 2250' N, 1200' E fr NW cor S 36 LANE 62512 1 Alluvium 0.02\* 19S/3W-23 SW-SE 1296' N, 1570' W fr SW cor S 23 \*\*\* 1 2 3 4 \* Alluvium, CRB, Bedrock Well First Well Seal Casing Liner Perforations Well Draw SWL **SWL** Test Well Elev Water Depth Interval Intervals Intervals Or Screens Yield Down ft bls Date Type ft msl ft bls (ft) (ft) (ft) (ft) (ft) (gpm) (ft) 6/29/2003 6 550 76 140 0-22-1.5-138.5 Na 120-135, 60-30 Na Α 100 Use data from application for proposed wells. A4. Comments: \*The application requests a maximum rate of 11.2 with no units indicated. This review assumes they intend gallons per minute (gpm) for year round nursery use \*\* The application is for nursery use. The nursery acreage is not specified. The application map indicates a total of 9.4 acres, but two different markers are used with no specification as to what they are. The application does identify underlying primary water right certificates 51019 and 35348, both of which are owned by the Creswell Irrigation Association. It appears that Certificate 51019 does not overlap with what appears to be the proposed POU. \*\*\*The meets and bounds are listed as from the SW corner of Section 23. However, to be in the tax lot listed it appears the meets and bounds should be from the SE corner. A5. Provisions of the Willamette (OAR 69-502-0240) Basin rules relative to the development, classification and/or management of groundwater hydraulically connected to surface water $\square$ are, or $\boxtimes$ are not, activated by this application. (Not all basin rules contain such provisions.) Comments: The well is greater than \(\frac{1}{4}\)-mile from a perennial surface water source, so the pertinent rule does not apply.

A6. Well(s) #\_\_\_\_\_, \_\_\_\_, \_\_\_\_, tap(s) an aquifer limited by an administrative restriction.

Name of administrative area: \_\_\_\_\_\_

Comments:

Version: 04/20/2015

Version: 04/20/2015

Date: 4/17/2018

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

1.	Base	sed upon available data, I have determined that groundwater* for the proposed use:		
	a.	is over appropriated, is not over appropriated, or annot be determined to be over period of the proposed use. * This finding is limited to the groundwater portion of the over determination as prescribed in OAR 690-310-130;	r appropriated er-appropriatio	during any n
	b.	will not or will likely be available in the amounts requested without injury to prior was is limited to the groundwater portion of the injury determination as prescribed in OAR 690	ter rights. * T 0-310-130;	his finding
	c.	will not or will likely to be available within the capacity of the groundwater resource;	or	
	d.	<ul> <li>will, if properly conditioned, avoid injury to existing groundwater rights or to the ground i.</li> <li>i. The permit should contain condition #(s) _7N,</li> <li>ii. The permit should be conditioned as indicated in item 2 below.</li> <li>iii. The permit should contain special condition(s) as indicated in item 3 below;</li> </ul>	iwater resource	e: ;
,, <b>,</b>	a.	Condition to allow groundwater production from no deeper than ft. b	palow land su	·face·
	b.	Condition to allow groundwater production from no shallower than ft. b		·
	c.	Condition to allow groundwater production only from the groundwater reservoir between approximately ft. and land surface;		ft. below
	d.	<ul> <li>Well reconstruction is necessary to accomplish one or more of the above conditions. The to occur with this use and without reconstructing are cited below. Without reconstruction, issuance of the permit until evidence of well reconstruction is filed with the Department an Groundwater Section.</li> <li>Describe injury —as related to water availability—that is likely to occur without well reconst senior water rights, not within the capacity of the resource, etc):</li> </ul>	I recommend ad approved by truction (interf	withholding the erence w/
	Will: can t	bundwater availability remarks: The applicant's well is located within the Holocene floodplain llamette River (Unit Qalc in O'Connor et al., 2001). Although most surfaces which are not active be covered by a variable thickness of fine sand, silt, and clay, the Holocene floodplain deposit a confined (Conlon et al., 2005).	channel beds	and bars
	Near	arby State Observation Well (LANE 20028, located approximately 3-miles to the northeast in an	area that has k	
	mapporison period of rewell from	pped as Post-Missoula Flood Pleistocene sand and gravel unit $Qg_1$ by O'Connor and others, 2001 iodically since the 1960's through present. The spring time water-level in LANE 20028 show no ecord. The well is open to the Tertiary Marine Volcanic and Sedimentary Rock Aquifers describ 1 log. However, the well is cased and sealed one foot into the sandstone. It is possible that the went the unconsolidated alluvium (Unit $Qg_1$ from O'Conner and others, 2001) overlying the bedrock ryium is likely in hydraulic connection with the nearby surface water sources.	l) has been modecline over to decline over to ded as "sandsto ell is producing	nitored he period one" on the g, in part,
	unu v	with is there in hydraune connection with the hearby surface water sources.		
			,	
		<del></del>		<del></del>

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

C1. 690-09-040 (1): Evaluation of aquifer confinement:

Well	Aquifer or Proposed Aquifer	Confined	Unconfined
1	Alluvium		$\boxtimes$

Basis for aquifer confinement evaluation: Although the logs for the applicant's well reports a static water level above the depths at which water was first encountered, the groundwater in the Holocene Flood deposit is, in general, unconfined (Conlon et al., 2005). The variable thickness of fine topsoil and clay listed on nearby well logs are likely not widespread.

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 ms	ł	SW Elev ft msl	Distance (ft)	Hydraulically Connected? YES NO ASSUMED	Potentia Subst. Int Assumo YES	erfer. ed? NO
1	1	Hill Creek	~54	45	540-564	1,910			
1	2	Coast Fork Willamette River	~54	45	534-546	3,100			$\boxtimes$
1	3	Tunnel Millrace*	~5	45	544-553	<20			

Basis for aquifer hydraulic connection evaluation: Published reports describe the subsurface material of the flood plain deposits of the Willamette River as unconsolidated material consisting of highly permeable zones of "substantial groundwater flow that is likely to be well connected to the surface flow in the Willamette River and major tributaries" (O'Connor et al., 2001). The water level in the applicant's well is above the water levels in nearby reaches of the surface water sources.

\* Tunnel Millrace is mapped as a partially perennial and partially intermittent stream. However, this feature is part of a conveyance system and should more appropriately be mapped as a canal (personal communication with Watermaster Lanaya Blakely, 4/16/2018). Therefore, Tunnel Millrace is not considered a viable surface water source on this review.

Water Availability Basin the well(s) are located within: Watershed ID: 532 [Coast Fk Willamette R > Willamette R - at Mouth]

C3a. 690-09-040 (4): Evaluation of stream impacts for each well 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		65.60		<<25%	
1	2			IS 81887	200*		65.60		<<25%	
							٠			

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.

_			<del></del>							
	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:** \*IS 81887 provides 200 cfs required stream flow during the months of November through March for the fish. The remainder of the year has no water set aside for fish under IS 81887.

The stream depletion at 30 days was estimated using the Hunt 1999 model and assuming a 3 foot clogging layer beneath the streambed.

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.

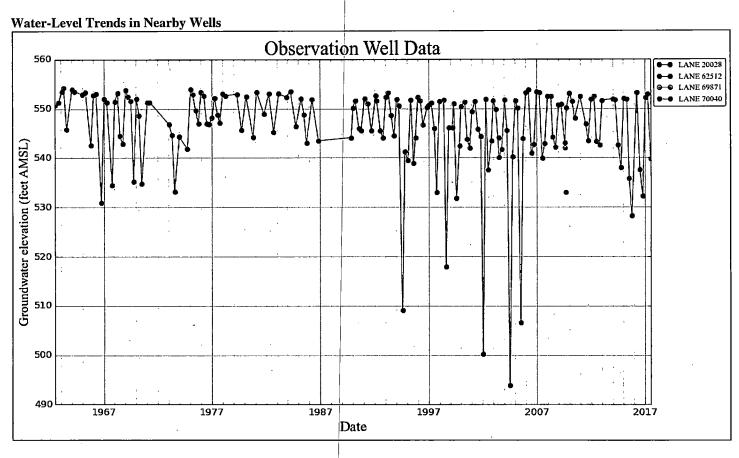
	istributed	Wells								-			<del> `</del>
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
	Q as CFS												
Interfer	rence CFS												
Distrib	outed Well									<u> </u>	•		
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	T	%	%	%	%	%	%	%	- 110g %	%	%	%	%
Well (	Q as CFS	,.					,,,,						
	rence CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
Well (	Q as CFS										,		
	rence CFS												
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Well (	Q as CFS												
Interfer	rence CFS												
		%	%	%	. %	%	%	%	%	. %	%	%	%
Well (	Q as CFS												
Interfer	rence CFS					,							,
		. %	%	%	%	%	%	%	%	%	%	%	%
Well (	Q as CFS												
Interfer	rence CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
	Q as CFS												·
Interfer	rence CFS												
(A) = To	otal Interf.				-							· ·	×.
	) % Nat. Q												
	% Nat. Q												
		√	1	<b>√</b>	<b>V</b>	√	<b>√</b>	-/	1	√	1	√	: /
	(A) > (C)												
(E) = (A	/B) x 100	%	%	· %	%	%	%	%	%	%	· %	%	%

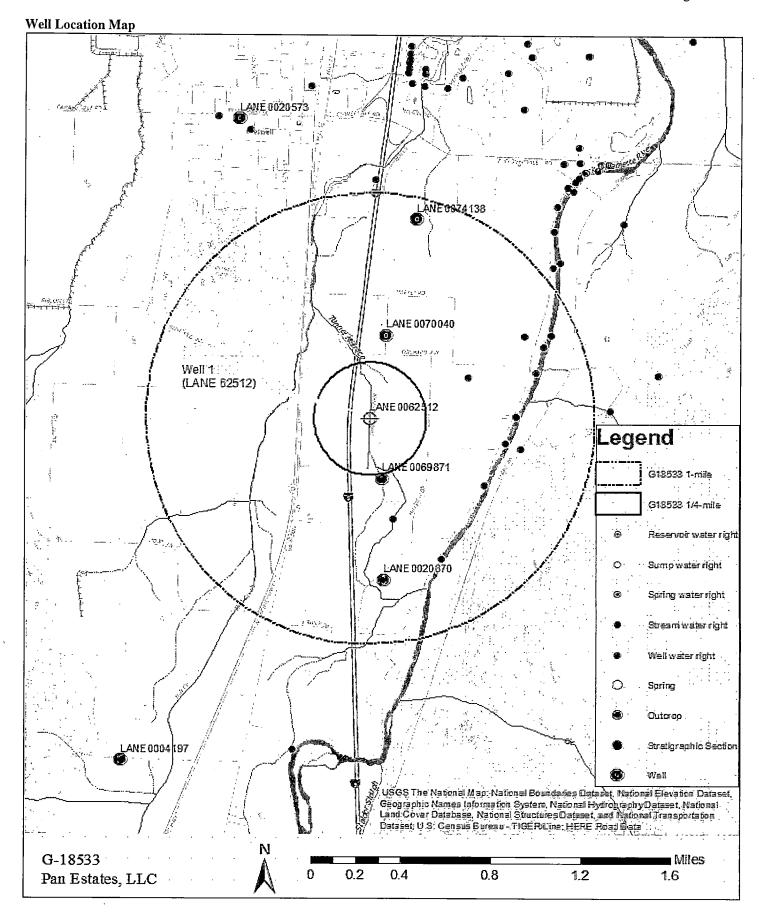
CFS;	(D) = highlight the checkmark for each month where (A) is great	t 80% exceed. as CFS; (C) = 1% of calculated natural flow at 80% exceed. as eater than (C); (E) = total interference divided by 80% flow as percentage.
	Basis for impact evaluation:	
		1
		_
C4b.	690-09-040 (5) (b) The potential to impair or detr Rights Section.	imentally affect the public interest is to be determined by the Wate
C5. [	☐ If properly conditioned, the surface water source(s) under this permit can be regulated if it is found to sub i. ☐ The permit should contain condition #(s) ii. ☐ The permit should contain special condition #(s)	
	ii. 📋 The perinit should contain special conditi	ion(s) as indicated in Remarks below,
	W / GW Remarks and Conditions:	
		%. However, stream depletion will increase over time until all of the
pι	umped water is balanced by reduced stream flow.	
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	<u> </u>	
_	,	
R	References Used:	
	application files: G-18533.	
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		J.B., Fischer, B.J. Morgan, D.S., Lee, K.K., and Hinkle, S.R., 2005, on: U. S. Geological Survey Scientific Investigations Report 2005-5168.
<u>-</u>	Sannett Marchall W. and Caldwall Podney D. 1009 Ga	eologic Framework of the Willamette Lowland Aquifer System, Oregon
	nd Washington: U. S. Geological Survey Professional Pa	
	Murray, R.B., 2006, Preliminary geologic Map of the Cree Department of Geology and Mineral Industries, Portland,	swell 7.5Æ quad., Lane County, OR, Open File Report O-06-12, Orego OR., map scale 1:24,000.
		ette, D. J., and Fleck, R. J., 2001, Geologic map of Quaternary units in ical Survey, Professional Paper 1620, map scale 1:250,000.
**	Vandrigard Damis C. Connett Marshall W. and Warshall	John I. 1000 Hydrogoologic Erganovania of the Willemotte
		co. John J., 1998 Hydrogeologic Framework of the Willamette
Ī	owland Aquifer System, Oregon and Washington: U. S.	Geological Survey Professional Paper 1424-B.

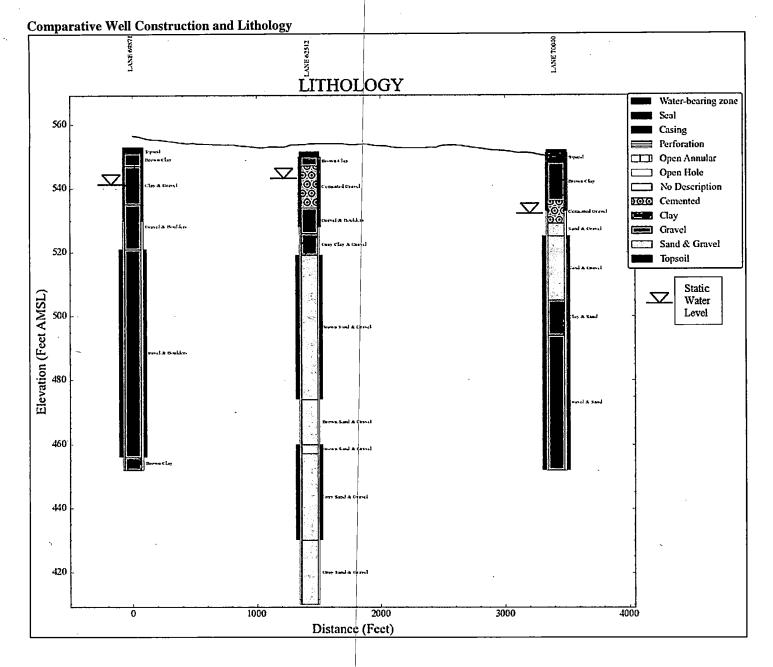
### D. WELL CONSTRUCTION, OAR 690-200

D1.	Well #:			Logid:		<del></del>	
D2.	a.	review of t field inspec report of C	the well log; ction by CWRE	urrent well construction			;
D3.	THE W	ELL const	ruction deficiency or	other comment is desc	ribed as follows:		
D4. [	Route	to the Well	Construction and Co	ompliance Section for a	review of existing w	ell construction.	
Water	Availabil	lity Tables		WATER AMATIANTI TTV			· · · · · · · · · · · · · · · · · · ·
	shed ID #: 2:21 PM		COAST FK	WATER AVAILABILITY WILLAMETTE R > WILLAME Basin: WILLAME		Exc	eedance Level: 80 Date: 04/16/2018
	Watershed ID Number	Stream Name	e		JAN FEB MAR APR MAY	JUN JUL AUG SEP	OCT NOV DEC STOR
5 6	30200321 185 532	WILLAMETTE WILLAMETTE WILLAMETTE COAST FK W	R > COLUMBIA R - AT R > COLUMBIA R - AB R > COLUMBIA R - AB R > COLUMBIA R - AB R > COLUMBIA R - AB ILLAMETTE R > WILLAM	MOUTH MOLALLA R MILL CR AT GAGE 14191 PERIWINKLE CR AT GAGE MCKENZIE R ETTE R - AT MOUTH	YES	YES NO NO NO NO	YES YES YES YES YES YES NO NO YES YES YES
	<u></u>			ORT ON THE WATER AVAIL			
Time:				WILLAMETTE R > WILLAME Basin: WILLAME	TTE		ceedance Level: 80 Date: 04/16/2018
Month		Natural Stream Flow	Consumptive Use and Storage	Expected Stream Flow	Reserved Stream Flow	Instream Requirements	Net Water Available
				Monthly values is the annual amount a	are in cfs.		
JAN FEB MAR APR MAY JUN JUL AUG		955.00 1,080.00 1,080.00 928.00 531.00 216.00 108.00 70.50	123.00 297.00 468.00 369.00 236.00 28.60 37.30 33.10	832.00 783.00 612.00 559.00 295.00 187.00 70.70	0.00 0.00 0.00 0.00 0.00 0.00 0.00	200.00 200.00 200.00 40.00 40.00 40.00 40.00 40.00	632.00 583.00 412.00 519.00 255.00 147.00 30.70
SEP OCT NOV DEC ANN		65.60 86.40 268.00 761.00 754,000	24.70 8.13 93.70 9.44 104,000	40.90 78.30 174.00 752.00 651,000	0.00 0.00 0.00 0.00	40.00 40.00 200.00 200.00 77,000	0.86 38.30 -25.70 552.00 574,000

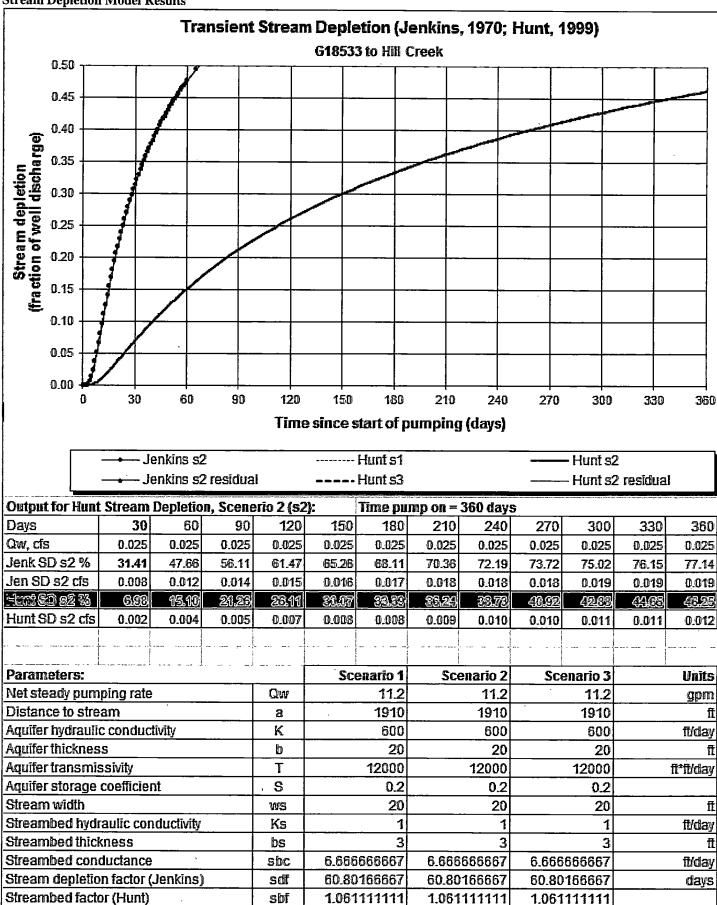
	•		DET	FAILED RE	PORT OF	INSTREAM	REQUIRE	MENTS					
Watershed/ID Time: 9:00 A			COAST	FK WILLA	METTE F	R > WILLAM	ETTE R -	AT MOUT	H			sin: WILI	
Application Number	Status	JAN	FE8	MAR	APR	МАҮ	JUN	JUL	AUG	SEP	οĊΤ	NOV	DE
×4		7				Monthly	values	are in c	fs.				
MF532A MF84A IS81887A	CERTIFICATE APPLICATION CERTIFICATE	40.0 40.0 200.0	40.0 40.0 200.0	40.0 40.0 200.0	40.0 40.0 0.0	40.00 40.00 200.00	40. 40. 200.						
MAXIMUM		200.0	200.0	200.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	200.0	200.

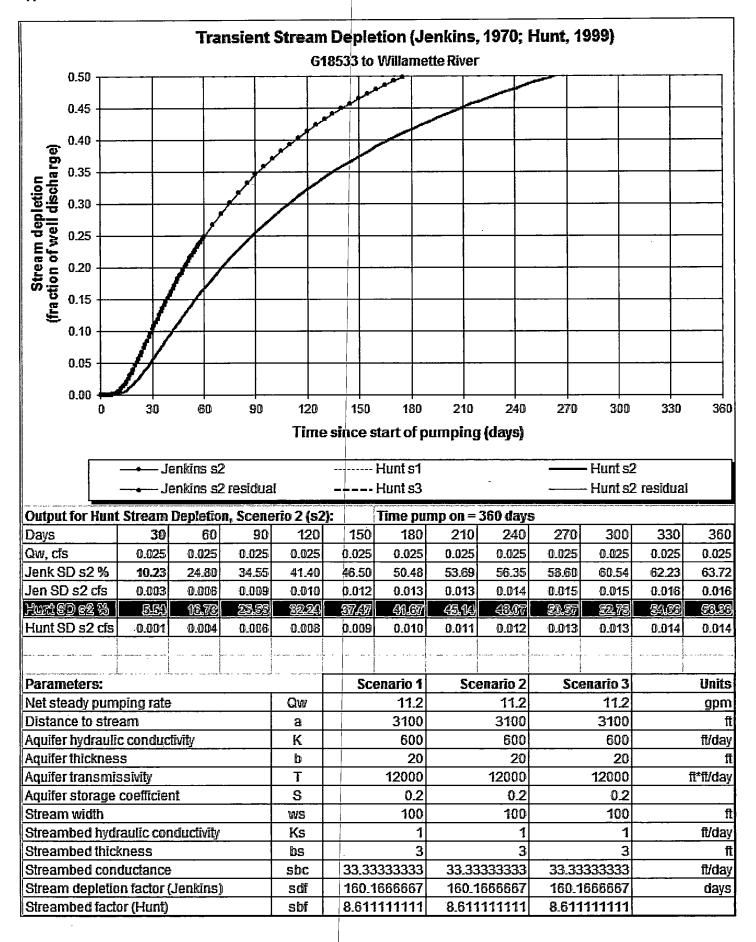






**Stream Depletion Model Results** 





Standard Application Completeness Check Minimum Requirements (OAR 690-310-0040)(ORS 537,400) Yes This is the checklist used by WRD staff JUL 0 6 2017 Priority Date 76-2 Range 4 Section U Applicant Name \_\_ Receipt No. 123902 Caseworker Assigned: 

Barbe □ Kinh □Scott Contact info: Applicant/Organization Name and Mailing Address Signature (in ink) of all applicants or the applicant  $\dot{s}$  authorized agent (include title or authority if for an organization or corporation). Property ownership: Does the applicant own all the land for the proposed projec If No: ☐ The affected landowner's name and mailing address must be listed A signed statement declaring the existence of either written authorization or an easement permitting access to land crossed by the proposed ditch canal or other work must be submitted. era SW Application: Source of water must be indicated. If the source is stored water, is the stored water component filled out and does the applicant own the reservoir or include a non-expired agreement for stored water? (ORS 537.400) NOTE: A surface water application cannot be filed at the same time as a Reservoir or Alt Reservoir if it will be for the use of the stored water under the PROPOSED Reservoir application, Exp. Secondary (E2)(ORS 537.147). ☐ If for stored water not under contract, is the source authorized under a permit, certificate, or decree? Permit or Certificate issued? Y / N Permit or Certificate # For a GW Application: Well Development Tables completed and/or a well log report included (if existing) Proposed water use mount of water from each source in GPMI. CFS, or AF Period of use indicated ☐ If for supplemental irrigation, primary acreage or underlying permit or certificate number listed (Primary and Supplemental Irrigation counts as 2 uses) Water Management Section (Estimates if the water system has not been designed) Resource Protection Section (N/A for Groundwater) For all standard reservoir applications: Preliminary plans and specifications including dam height, width, crest width and surface area for each reservoir. Project schedule (If system is already completed, indicate "existing.") Groups wr. Customer Service Group templates standard app checklist 2/17/2017AM

	Supplemental data sheets enclosed (if needed	<b>i</b> )		-
h	Form M (Municipal or Quasi-Municipal Spring Description Sheet (if source is			·
	A completed Land-Use Form or receipt sign Please be certain that the Land-Use form list be within the past 12 months.	ed and dated by at all lands involved	the appropriate planning wed and all uses proposed	department officials.  d. Date of signature mus
X	A Legal Description of all the properties invides cription includes a metes and bounds or o sales contract or title insurance policy can properties to be a title company. Copies of tax bits	ther government ovide this inform	survey description. A coation, or applicant may s	py of the deed, land
	The proposed source <u>IS / IS NOT</u> (circle on NOTE: If it is withdrawn under ORS 538, the accept the application and a negative IR will	en return applice	withdrawn from further a ntion and fees. If it is wit	ppropriation. Indrawn by other means,
7	The map must meet all the minimum require	ements of OAR 6	90-310-0050.	•
	Township, Range, Section			
	Location of main canals, ditches, pipe	elines or flumes (	if POA/POD is outside o	f POU)
	Place of use, ¼-¼'s and tax lot clearly		·	
	Even map scale not less than 4" = 1 n		_	
	Location of each diversion point, well Multiple wells shall be uniquely label	I or dam by refer led, and identifie	ence to a recognized pub d on well logs if existing	lic land survey corner.
	Reference corner on map			
	North Directional Symbol  Number of parent par 14.14 if for imigu	tion manner of		*
	Number of acres per 14-14 if for irrigation to			haight > 10 faat mon
	Must be prepared by a CWRE	- J.D. Ker		i neight = 10 feet, map
	mintot		i	
	Fees: So Mint oil Base Fee	c	n hn r	•
	1" CFS @ \$300	S	Permit Recording Fees Mitigation Fee	5
	add'1 CFS @ <u>\$300 ea</u>	\$ S	wittigation i ee	J
	AF up to 20 AF @ \$30 ea	\$	Rec Fee Total	S
	add`l AF @ <u>\$1 ea</u>	\$	Rec Fee Paid	S
	add'l □pod/poa □use @ ea add'l res @ <u>\$125 ea</u>	\$ \$		•
	Exam Fee Total	\$	Total Fees	S
	Exam Fee Paid	s	Paid	\$
			Amount Due	S
Re	viewed by:	Date: _	4.6.11	_ <u></u>

# MEMO



To:

Kristopher Byrd, Well Construction and Compliance Section Manager

From:

Joel Jeffery, Well Construction Program Coordinator

**Subject:** 

Review of Water Right Application G-18533

Date:

September 7, 2018

The attached application was forwarded to the Well Construction and Compliance Section by Water Rights. Aurora Bouchier reviewed the application. Please see Aurora's Groundwater Review and the Well Log.

Applicant's Well #1 (LANE 62512): Based on a review of the Well Report, Applicant's Well #1 appears to protect the groundwater resource.

The construction of Applicants Well #1 may not satisfy hydraulic connection issues.

WELL I.D. # L 6 4/1/

START CARD # 156/05

#### STATE OF OREGON

#### WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

Instructions for	complet	ing this rep	port are on	the last	page of this f	orm.					
(1) LAND OWNER Well Number							(9) LOCATION O				
Name Dewey Walten							County Lan	Latitude_		Longitude _	
Address 3/6/5 Lynx Hollow Rd							Township	ZN of SRang	e	E on 🐼	wм.
City (reswell State OR. Zip 97.426							Section 23		<u>SE</u>	_1/4	
(2) TYPE OF							Tax Lot <b>5000</b>		ck		
New Well	) Deepeni	ng 🗌 Alte	ration (repair	/recondit	ion) 🗍 Abano	ionment	Street Address of V	Vell (or nearest addres	s) COME	rof Cen	<u>een Valk</u>
(3) DRILL M	ETHOD	):			-		Rd & On	hard Ave	- Cres	well,	DR 979
Rotary Air [	☐ Rotary	Mud □ C	Cable A	uger			(10) STATIC WAT	ER LEVEL:	-		· hart
Other							6ft. b	elow land surface.		Date 6	124 K
(4) PROPOSED USE:							Artesian pressure _	lb. per	square inch	Date	
Domestic Community Industrial Irrigation							(11) WATER BEAL	RING ZONES:			
☐ Thermal ☐			vestock 🗆	Other_		<b>D</b> 4 . 124		76'			
(5) BORE HO						Depth at which water was first found					
Special Construction approval Yes No Depth of Completed Well 10 ft.							From	To Estimated Flow Rate SW			SWL
Explosives used  Yes No Type Amount							76'	-80'	150	SPM	6
HOLE Diameter From	To	Materia	SEAL I From	То	Sacks or pour	-40	90'	120'	150	SPM	6
Diameter From	1.0	.viateria	i From		Sacks or pour	lus			ļ		<b></b>
10" 0	22	Cemen	A 22	0	19500	LS_		·			
6" 22	140						ļ Li		<u> </u>		
							(12) WELL LOG:				
How was seal pla	aced:	Method	□ A □	В	C D	Ground Elevation					
Other				<del></del>		<del> </del>	Mate	-ial	From	To	SWL
Backfill placed fi				Materia		+	Mate	lai	FIOR		3412
Gravel placed fro		it. to	n	Size of	gravel	<del></del>	1 0 0 0 0	<del></del>		12	<del>  </del>
(6) CASING/I		T- C-	C4443	Mastis	Walded To	readed	DOWN G	ay C= 40/	3	12	+ 1
	r From	10 Ga	uge Steel	Plastic	Welded Th	ireaded	Cemented	anyel	16	1011	+
Casing:	+11/2	1386 3			<u> </u>	H	araver to	pulders	24	137	<del>   </del>
	7.00			- D		H	Bray Chy/	Cypures	27	92	
						Н	Brown Sar	Gurave	<del>2/2</del>	140	91
Liner:						Б	Way swic.	waver		170	
	1					6				<del> </del>	
Drive Shoe used		Quisid	le 🗆 None								
Final location of	-	739				<del></del>				1	
(7) PERFORA				100	alm t	2000					
Perforation			Torch	_	VENOL!						
☐ Screens		Туре			erial	+					
From To	Slot size	Number		Tele/pip size	e Casing	Liner	REC	EIVED			
j	l.	1					11.116	1 5 2002	-		
135 120	10"	36	13"	6	<u>"</u> 87.		JUL	1 5 2003			
100' 60'	2"	630	1811	6	<u> </u>		WATER RES	OURCES DEPT			
		<u> </u>			_ 🗆		SALEM	OREGON	•	//	1
(8) WELL TES	TC. M	inimum t	ectina tima	ic I h	nur		Date started 6/2	6/03 Con	npleted 6	29/0	3
_				: 15 I III	Flowin		(unbonded) Water Well	Constructor Certifi	cation:		
□ Pump □ Bailer <b>A</b> TAir □ Artesian							I certify that the worl			eration, or ab	andon-
Yield gal/min	Drav	wdown	Drill ster	m at	Tim	<del></del>	ment of this well is in co				
_30			140	<del></del>	1 h	<u> </u>	standards. Materials used knowledge and belief.	and information rep	orted above are	true to the bes	st of my
-						<u> </u>	o., roogo mio ocnor.		WWC Nu	mber	
							Signed Date				
Temperature of water 57° Depth Artesian Flow Found							(bonded) Water Well Constructor Certification:				
Was a water analysis done?							l accept responsibility for the construction, alteration, or abandonment work				
Did any strata cor	•		•			performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well					
☐ Salty ☐ Mi	uddy 🗀	Odor 🗆	Colored	Other	·———	construction standards. T		best of my kn	owledge and l		
Depth of strata: _							Signed Sear	0111	WWC Nu	-77	200
							Signed			Date	403

### INTEROFFICE MEMORANDUM

TO:

Joel Jeffery, Well Construction and Compliance Section

FROM:

Kim French, Water Rights Section

DATE:

September 6, 2018

RE:

G-18533 – Pan Estates LLC - request for determination of compliance with well

construction standards

Please review Well 1 (LANE 62512) and make a determination regarding well construction compliance.

Please route the file and your review back to me.

Thanks.

Sam Gunl