# Water Right Conditions Tracking Slip

Groundwater/Hydrology Section

ROUTED TO: Water Rights - Kerry TOWNSHIP! RANGE-SECTION: 95/3W-32 cc 105/3W-6

CONDITIONS ATTACHED? [] yes [1 no REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: Mike Zwart

# PUBLIC INTEREST REVIEW FOR GROUND WATER APPLICATIONS

TO:		Wate	r Rights S	Section				Dat	eJuly 6	5, 2012		
FROM	:	Grou	nd Water/	Hydrology	Section	Mich	ael Zwart					
CLIDIE	CT.				_	Rev	iewer's Name	wiaw of				
SUBJE	CI:	Appu	ication G-	1/541		Su	persedes re	eview oi		Date of Re	view(s)	
PIIRI I	IC INTI	TREST	r presii	MPTION:	GROUN	DWATE	'R					
OAR 69 welfare, to deter	90-310-1 safety at mine whe	30 (1) ind heal ether the	The Depart th as descr e presumpt	tment shall p ibed in ORS ion is establ	presume the 537.525. I ished. OAF	at a propos Departmen R 690-310-	sed groundw t staff reviev 140 allows t	ater use will v ground wat he proposed l agency pol	er application use be modif	ns under OA fied or condi	R 690-31 tioned to	l0-140 meet
A. <u>GE</u>	NERAL	INFO	RMATI	<u>ON</u> : A	pplicant's	Name:	D. J. Edw	<u>ards Famil</u>	y, LLC	County:_	Linn	
A1.	Applica	nt(s) se	ek(s) <u>1.3</u>	37 cfs from	m <u>three</u>	e well	(s) in the	Willamett	e			_ Basin,
		Santian	n			subb	asin Qu	ıad Map: <u>A</u>	lbany			
A2.	Propose	d use:	Irr	igation. 94	ac. (P & S	Seas	sonality:	March 1 to	o October 3	1		
A3.	Well an	d aquif	er data (att	tach and nu	mber logs	for existin	ng wells; ma	rk proposed	wells as suc	ch under log	gid):	
Well	Logi	id	Applicant Well #		oposed quifer*	Propos Rate(c	<b>I</b>	Location /R-S QQ-Q)		tion, metes 0' N, 1200' E		
1	LINN 5	8218	4		luvium	1.337		/3W-6 SE-N		15' S, 20' W		
2	LINN 5		5		luvium	1.337		W-32 SW-S		30' N, 40' E fr NE cor S 6		
3 4	LINN 4	1560	G-729	All	luvium	1.337	7 10S/	3W-6 NE-N	E 90	900' S, 20' W fr NE cor S 6		
5		_										
* Alluviı	ım, CRB,	Bedrock	C									
Well	Well Elev ft msl	First Water ft bls	ft ble	SWL Date	Well Depth (ft)	Seal Interval (ft)	Casing Intervals (ft)	Liner Intervals (ft)	Perforation Or Screens (ft)	-	Draw Down (ft)	Test Type
1	184	16	9	03/07/08	60	0-19	0-60	None	20-59	1200		Air
3	186 186	18 14?	13	04/18/08	25	0-18 ?	0-60	None None	20-60 19-24	1000		Air_
Use data	from app	lication	for proposed	d wells.								
A4.	Comme	ents: Ll	INN 4560	does not rep	ort any se	al depth o	r seal mate	rial. The we	ell yield is no	t reported :	and the	
	tion state	es that	the well is	not in use.	This well	was forme	erly permitt	ed (G-729).	The permit	tee, Ardle E	dwards,	
								n and threat uld not be re				
A5. 🛛	manage	ment of			cally conne	ected to su	Basin ru	ıles relative t ☐ are, or ∑	o the develo	pment, class tivated by th	ification a	and/or ation.
A6. 🗌	Well(s)	#		,,	, , _		, ta	ıp(s) an aquif	er limited by	an administ	rative res	triction.

Version: 08/15/2003

D	and the second s	
Bas	sed upon available data, I have determined that ground water* for the proposed use:	
a.	is over appropriated, ☐ is not over appropriated, or ☒ cannot be determined period of the proposed use. * This finding is limited to the ground water portion determination as prescribed in OAR 690-310-130;	
b.	■ will not or ☑ will likely be available in the amounts requested without injury to is limited to the ground water portion of the injury determination as pres	
c.	will not or will likely to be available within the capacity of the ground water	er resource; or
d.	will, if properly conditioned, avoid injury to existing ground water rights or to i. The permit should contain condition #(s) 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 be	
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
٠.	Condition to allow ground water production only from the water reservoir between approximately ft. and ft. below	w land surface;
	issuance of the permit until evidence of well reconstruction is filed with the Depa Water Section.  Describe injury —as related to water availability—that is likely to occur without w	
	Water Section.	rell reconstruction (interference w/
reco	Water Section.  Describe injury —as related to water availability—that is likely to occur without w	rell reconstruction (interference w/
reco	Describe injury —as related to water availability— that is likely to occur without w senior water rights, not within the capacity of the resource, etc):	rell reconstruction (interference w/
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Date: July 6, 2012

Application G-17541

\_\_\_\_\_ continued

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

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

Well	Aquifer or Proposed Aquifer	Confined	Unconfined
All	Quaternary alluvium (Qal)		$\boxtimes$

Basis for aquifer confinement evaluation: <u>All wells develop the first water-bearing zone encountered and the static water levels are at or near the depth where groundwater was first reported.</u>

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 msl	SW Elev ft msl	Distance (ft)	Hydraulically Connected? YES NO ASSUMED	Potential for Subst. Interf Assumed? YES	fer. ? NO
1	1	Santiam River	175	173	4650			
2	1	Santiam River	173	173	2800			$\boxtimes$
3	1	Santiam River	174	173	3800			

Basis for aquifer hydraulic connection evaluation: <u>The shallow water-bearing zone and the close head relationship with surface water suggest an efficient hydraulic connection.</u>

Water Availability Basin the well(s) are located within: Santiam R > Willamette R at mouth (167); Willamette R > Columbia R ab Mill Cr at Gage 1419000 (183).

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?
All	1			167	320		923		<25%	
							(Sept.)			
	_									

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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.

Comments:	otential r Subst. nterfer. sumed?
Comments:	
Comments:	
Comments:	
Comments:	

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									_	_		_
Well	SW#	Jan_	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q	as CFS												
Interfere	ence CFS												
Distrib	uted Well	•		_									
Well	SW#	s Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
****	1	%	%	%	%	%	%	%	%	%	%	%	%
Well Q	as CES	,,,											
	ence CFS												
interior		%	%	%	%	%	%	%	%	%	%	%	%
Well Q	as CFS												
	ence CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q	as CFS												
Interfere	ence CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q	as CFS												
Interfere	ence CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q	as CFS												
Interfere	ence CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q													
Interfere	ence CFS												
(A) = To	otal Interf.			Ι									
• •	% Nat. Q												
• •	% Nat. Q												
(0) -1	/0 . 14th Q												
$(\mathbf{D}) = (\mathbf{A}$	(C)	15	¥	1		1	v'	v ´	9	4	¥'	ý	
$(\mathbf{E}) = (\mathbf{A}$	/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.

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Applic	lication G-17541 continued	Date: <u>July 6, 2012</u>
	Basis for impact evaluation:	
C4b.	690-09-040 (5) (b) The potential to impair or detrimentally Rights Section.	affect the public interest is to be determined by the Wate
C5. [	☐ If properly conditioned, the surface water source(s) can be adeunder this permit can be regulated if it is found to substantially in i. ☐ The permit should contain condition #(s)	nterfere with surface water:
	ii. The permit should contain special condition(s) as in-	dicated in "Remarks" below;
26. SV	SW / GW Remarks and Conditions	
_		
_		
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_	<del></del>	
<u>H</u> i	References Used: <u>Conlon, T.D., Wozniak, K.C., Woodcock, D.,</u> Hinkle, S.R., 2005, Ground-water hydrology of the Willamette Be Investigations Report 2005-5168.	Herrera, N.B., Fisher, B.J., Morgan, D.S., Lee, K.K., and asin, Oregon: U.S. Geological Survey Scientific
	Gannett, M.W. and Caldwell, R., 1998, Geologic framework of the Washington: U.S. Geological Survey Professional Paper 1424-A,	
W sy	Woodward, D.G., Gannett, M.W., and Vaccaro, J.J., 1998, Hydrosystem, Oregon and Washington: U.S. Geological Survey Profession	ogeologic framework of the Willamette Lowland aquifer sional Paper 1424-B, 82p.

Applic	ation G- <u>17541</u>	continued	Date: <u>July 6, 2012</u>	
D. <u>W</u> l	ELL CONSTRUCT	ION, OAR 690-200		
D1.	Well #:3	Logid:LIN	IN 4560	
D2.	a. ⊠ review of the b. ☐ field inspect c. ☐ report of C	tion by WRE	standards based upon:	
D3.	b. commingle c. permits the d. permits the	uction deficiency: a health threat under Division 200 rus water from more than one ground valoss of artesian head; de-watering of one or more ground valify)	vater reservoir;  vater reservoirs;	
D4.	THE WELL constr		ollows: The well log does not report whether or not a surface	<u>:e</u>
D5.		original construction or most	ted according to the standards in effect at the time of recent modification.	
D6. [			holding issuance of the permit until evidence of well reconstruction ment Section and the Ground Water Section.	n
THIS	SECTION TO BE	COMPLETED BY ENFORCE	MENT PERSONNEL	
D7. [	☐ Well construction de	ficiency has been corrected by the fo	ollowing actions:	
	(Enforceme	nt Section Signature)		
D8. [		ghts Section (attach well reconstru	ction logs to this page).	
				_

## WATER RESOURCES DEPARTMENT

MEN	ИΟ							<u> </u>	July	6,	20 <b>/</b> 2_
TO: FRO SUB,	M: JECT:	GW:	ication  Mike (F	e Z	Wax+ Name)	ence Ev	aluatio	1			
V	_YES / _NO	The s	ource of	f approp	riation	is within	n or abo	ve a Sco	enic Wa	terway	
~	YES Use the Scenic Waterway condition (Condition 7J)										
	interfection inter	erence vated into RS 390. Frence was epartmone prop	vith surferference 835, the vith surf ent is un osed us	face wat the is dist the Ground face wat able to the will n	er that or ibuted d Water er that of find the near that of the near una	Section contribution below.  Section contribution there by red ving characteristics.	tes to a  is una tes to a e is a p uce the	ble to cascenic vereponde	Waterwalculate vaterwalerance e water	ground y; there of evide flows	water
Calcula calcula informi Exerci Water	ite the per ted, per c ng Water se of th way by	rcentage riteria in Rights th is permi the follo	390.835, at the De	nptive use do not file partment sulated t mounts	e by mont ll in the to is unable o reduc	h and-fill able but c e to make e month ed as a p	heck the a Prepor ly flows	"unable" nderance s in	option a of Eviden	bove, thu ce findin	s Scenic
an	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

LINN 4560

File Original and First Copy with the STATE ENGINEER, SALEM, OREGON

STATE ENGINEER WELL REPORT

(1) OWNER: Name Ardle Edwards	(11) WELL TESTS: Drawdown is amount water level is lowered below static level  Was a pump test made?  Yes  No If yes, by whom?	
Address At 1 BOX 850 Albany, Ore.	Triala.	rs.
(2) LOCATION OF WELL:	7-11-1-1	<u>"</u>
County 1/7/1 Owner's number, if any—	Artesian flow g.p.m. Date	rs.
N.E. 1/4 NE 1/4 Section 6 T. 105 R. 3 W. W.M. Bearing and distance from section or subdivision corner	Temperature of water	No
GOD ft. South + 20 It West.	(12) WELL LOG: Diameter of wellinch	
of N.E. corner of Sec. 6 TIDS	70	es. ft.
B 3 W.	Formation: Describe by color, character, size of material and structure, a show thickness of aquifers and the kind and nature of the material in ea	
	show thickness of aguijers and the kind and nature of the material in ea stratum penetrated, with at least one entry for each change of formation	on.
	MATERIAL FROM TO	
(3) TYPE OF WORK (check):	Vandy logge 0	
New Well . Deepening . Reconditioning . Abandon .	Sand Grasil Filly 1 17	21
	government 14 2:	<b>Z</b> .
(4) PROPOSED USE (check): (5) TYPE OF WELL:		
Domestic   Industrial   Municipal   Rotary   Driven   Cable   Jetted   Dug   Bored		
(6) CASING INSTALLED: Threaded   Welded		
(6) CASING INSTALLED: Threaded Welded Use of the Cage		
"Diam. fromft. toft. Gage		
"Diam. from ft. to ft. Gage	-	
(7) DEDUCD AMIONS		<u> </u>
(7) PERFORATIONS: Perforated? Thes I No	, , ,	_ ,.
SIZE of perforations 127 in. by 6 - 8 in.		 
perforations from 2 f tt. to 10 10 - tt.		
perforations from ft. to ft.		
perforations from		
perforations from tt. to Cull ft.		_
pertorations from		
(8) SCREENS: Well screen installed   Yes   No		
Manufacturer's Name		<b>-</b> .
Type Model No ft. to ft.		_
Diam, Slot size Set from ft, to ft,	Work started 19 . Completed 19	
(4) 4024(3004)		
(9) CONSTRUCTION:	(13) PUMP:	
Was well gravel packed? ☐ Yes ☐ No Size of gravel:	Manufacturer's Name	••••
Was a surface seal provided? Yes No To what depth?	Type: H.P.	<u></u> /_12
Material used in seal—	Well Driller's Statement:	
Did any strata contain unusable water?  Yes No	This well was drilled under my jurisdiction and this report	is
Type of water? Depth of strata	true to the best of my knowledge and belief.	/ 1
Method of sealing strata off	NAME / DILL HAMMEN WELL LOUD	149
(10) WATER LEVELS:	Address 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	/
Static level / ft. below land surface Date 7-11-03	TE 0	
Artesian pressure lbs. per square inch Date	Driller's well number	
Log Accepted by:	[Signed] Dell Hamilton	
[Signed]	License No. 52 (Well Driller) Date Date 19.5	58

STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210)

WELL LABEL # L	92436
START CARD#	197219

(1) LAND OWNER Owner Well I.D. 4929	(9) LOCATION OF WELL (legal description)
First Name Bill Last Name Sabol	County LINN Twp 10 S N/S Range 3 W E/W WM
Company DJ Edwards Family LLC	Sec 6 SE 1/4 of the NE 1/4 Tax Lot 102
Address P.O. Box 425	Tax Map Number Lot
City St. Paul State OR Zip 97137	Lat ° ' or 0 DMS or DD
	Long o O DMS or DD
(2) TYPE OF WORK New Well Deepening Conversion	Street address of well Nearest address
Alteration (repair/recondition) Abandonment	( Street address of well ( Treatest address
(3) DRILL METHOD	Next to 32633 Cooper Dr. NE, Albany, OR 97321
Rotary Air Rotary Mud Cable Auger Cable Mud	
Reverse Rotary Other	(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)
	Existing Well / Predeepening
(4) PROPOSED USE Domestic Irrigation Community	Completed Well 03-07-2008 9
Industrial/ Commercial Livestock Dewatering	Flowing Artesian? Dry Hole?
Thermal Injection Other	WATER BEARING ZONES Depth water was first found 16
(5) BORE HOLE CONSTRUCTION Special Standard Attach copy)	SWL Date From To Est Flow SWL(psi) + SWL(ft)
Depth of Completed Well 59 ft.	03-07-2008 16 60 1,200 9
BORE HOLE SEAL sacks/	
Dia From To Material From To Amt Ibs	
16 0 59 Bentonite 0 19 90 S	
	(11) WELL LOG Ground Flevetion
	Growing Elevation
How was seal placed: Method A B C D E	Material From To
Other Poured dry	Sandy Loam   0   10
Backfill placed from ft. to ft. Material	Cemented gravel
Filter pack from ft. to ft. Material Size	Old Vot de Saine
Explosives used: Yes Type Amount	Allowed formation to naturally cave in around
(6) CASING/LINER	casing below 20'
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	HEDEIAE
●       12       X       2       19       250       ●       X       X         ●       14       20       40       250       ●       X       X	JONES DRILLING CO. INC. MAR 2 5 2008
	29400 SANTIAM HWY. WATER RESOURCES DE
	LEBANON, OR 97355 SAUEM OREGON
Shoe Inside Outside Other Location of shoe(s)	II
Temp casing X Yes Dia 16 From 1 To 60	541-367-2560 541-451-2686
(7) PERFORATIONS/SCREENS	1-800-915-8388
Perforations Method Torch cut	
Screens Type Material	
Perf/S Casing/ Screen Scm/slot Slot # of Tele/ creen Liner Dia From To width length slots pipe size	Date Started 03-06-2008 Completed 03-07-2008
Creen     Liner     Dia     From     To     width     length     slots     pipe size       Perf     Casing     19     59     .438     10     400	(unbonded) Water Well Constructor Certification
Terr cusing 17 39 .490 10 100	I certify that the work 1 performed on the construction, deepening, alteration, or
	abandonment of this well is in compliance with Oregon water supply well
	construction standards. Materials used and information reported above are true to
	the best of my knowledge and belief.
(8) WELL TESTS: Minimum testing time is 1 hour	License Number 1411 Date 03-20-2008
Pump Bailer • Air Flowing Artesian	Password: (if filing electronically)
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	Signed
1,200 55 1	(bonded) Water Well Constructor Ceruification
	I accept responsibility for the construction, deepening, alteration, or abandonment
	work performed on this well during the construction dates reported above. All work
Temperature 54 °F Lab analysis Yes By	performed during this time is in compliance with Oregon water supply well
Water quality concerns? Yes (describe below)	construction standards. This report is true to the best of my knowledge and belief.
From To Description Amount Units	License Number 1684 Date 03-20-2008
	Password : (if pling electronically)
	Signed Sylvi
	Contact Info (optional) Jones Drilling Co., Inc. 1-800-91 5-8388

STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210)

WELL LABEL # L	92436
START CARD#	197219

(1) LAND OWNER Owner Well I.D. 4929	
(1)	(9) LOCATION OF WELL (legal description)
First Name Bill Last Name Sabol	County LINN Twp 10 S N/S Range 3 W E/W WM
Company DJ Edwards Family LLC	Sec 102 to SE 1/4 of the NE 1/4 Tax Lot 102
Address P.O. Box 425  City St. Paul State OR Zip 97137	Tax Map Number Lot Lot DMS or DD
	Lat O DMS or DD Long or 0 DMS or DD
(2) TYPE OF WORK New Well Deepening Conversion	Street address of well ( Nearest address
Alteration (repair/recondition) Abandonment	
(3) DRILL METHOD	Next to 32633 Cooper Dr. NE, Albany, OR 97321
Rotary Air Rotary Mud Cable Auger Cable Mud	(10) CT ATIC WATER I EVEL
Reverse Rotary Other	(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)
(4) PROPOSED USE Domestic X Irrigation Community	Existing Well / Predeepening
Industrial/ Commercial Livestock Dewatering	Completed Well 03-07-2008 9
Thermal Injection Other	Flowing Artesian? Dry Hole?
	WATER BEARING ZONES Depth water was first found 16
(5) BORE HOLE CONSTRUCTION Special Standard Attach copy)	
Depth of Completed Well 60 ft.  BORE HOLE SEAL sacks/	03-07-2008 16 60 1,200 9
BORE HOLE SEAL sacks/ Dia From To Material From To Amt lbs	
16 0 60 Bentonite 0 19 90 S	
	(11) WELL LOG Ground Flavorian
How was seal placed: Method A B C D E	Glouid Dievation
Other Poured dry  Backfill placed from ft. to ft. Material	Cemented gravel 10 16
Filter pack from ft. to ft. Material Size	Gravel and sand 16 60
Explosives used: Yes Type Amount	
	Allowed formation to natually cave in around casing below 20'
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plste Wld Thrd	casing below 20
	JONES DRILLING CO., INC.
	29400 SANTIAM HWY.
	LEBANON, OR 97355
Shoe Inside Outside Other Location of shoe(s)	541-367-2560 541-451-2686
Temp casing X Yes Dia 16 From 1 To 60	
(7) PERFORATIONS/SCREENS	1-800-915-8388
Perforations Method Torch cut	WATER RESOURCES D
Screens Type Material	SALEM OREGON
Perf/S Casing/Screen Scm/slot Slot # of Tele/	Date Started 03-06-2008 Completed 03-07-2008
creen Liner Dia From To width length slots pipe size	
Perf Casing 20 59 .438 10 400	(unbonded) Water Well Constructor Certification
	I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well
	construction standards. Materials used and information reported above are true to
	the best of my knowledge and belief.
(8) WELL TESTS: Minimum testing time is 1 hour	License Number 1411 Date 03-20-2008
Pump Bailer • Air Flowing Artesian	Password: (if)filing electronically)
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	Signed King Signed
1,200 55 1	(bonded) Water Well Constructor Certification
	I accept responsibility for the construction, deepening, alteration, or abandonment
Temperature 54 °F Lab analysis Yes By	work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well
Water quality concerns? Yes (describe below)	construction standards. This report is true to the best of my knowledge and belief.
From To D. Units	License Number 1684 Date 03-20-2008
- (111 - 121	Password : (if filing electronically)
APR S is 2008	Signed Signed
ALI TO LE CUOT	Contact Inf (Cotional)

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STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210)

WELL LABEL # L	92439
START CARD#	198003

(1) LAND OWNER Owner Well I.D. 4933	(9) LOCATION OF WELL (legal description)
First Name Bill Last Name Sabol	County LINN Twp 9 S N/S Range 3 W E/W WM
Company DJ Edwards Family LLC	Sec 32 SW 1/4 of the SW 1/4 Tax Lot 200
Address P.O. Box 425	Tax Map Number Lot
City St. Paul State OR Zip 97137	Lat ° " or 0 DMS or DD
(2) TYPE OF WORK New Well Deepening Conversion	Long " or 0 DMS or DD
Alteration (repair/recondition) Abandonment	Street address of well ( Nearest address
(3) DRILL METHOD	Cooper Dr., Albany, OR
Rotary Air Rotary Mud Cable Auger Cable Mud Reverse Rotary Other	(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)
harred the same of	Date SWL(psi) + SWL(ft)  Existing Well / Predeepening
(4) PROPOSED USE Domestic Irrigation Community	Completed Well 04-18-2008 13
Industrial/Commercial Livestock Dewatering	Flowing Artesian? Dry Hole?
Thermal Injection Other	WATER BEARING ZONES Depth water was first found 18
(5) BORE HOLE CONSTRUCTION Special Standard Attach copy	
Depth of Completed Well 60 ft.	04-18-2008 18 50 1,000 13
BORE HOLE SEAL sacks/ Dia From To Material From To Amt lbs	
Dia         From         To         Material         From         To         Amt         lbs           16         0         60         Bentonite         0         18         30         S	
30 30 30 30 30 30 30 30 30 30 30 30 30 3	
	(11) WELL LOG Ground Elevation
	Ground Elevation
How was seal placed: Method A B C D E	Material From To Brown sandy loam 0 10
X Other Poured dry	Brown sandy loam 0 10 Cemented gravel 10 18
Backfill placed from ft. to ft. Material Size	Sand & gravel 18 50
Explosives used: Yes Type Amount	Blue clay 50 60
	1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	Naturally caved in around 14" casing from 18' - 60'
	TICVETT IN
	JONES DRILLING CO., INC. APR 23 200
	29400 SANTIAM HWY. WATER RESOURCES
Shoe Inside Outside Other Location of shoe(s)	541-367-2560 541-451-2686 SALEM, OREGO
Temp casing X Yes Dia 16 From 1 To 60	1-800-915-8388
(7) PERFORATIONS/SCREENS	1-000-915-0300
Perforations Method Torch cut	
Screens Type Material	
Perf/S Casing/ Screen Scm/slot Slot # of Tele/ creen Liner Dia From To width length slots pipe size	Date Started 04-17-2008 Completed 04-18-2008
Perf         Casing         20         60         .438         10	(unbonded) Water Well Constructor Certification
	I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well
	construction standards. Materials used and information reported above are true to
	the best of my knowledge and belief.
(8) WELL TESTS: Minimum testing time is 1 hour	License Number 1411 Date 04-22-2008
Pump Bailer • Air Flowing Artesian	Password : (if filing electronically) Signed
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	
1,000 55 2	(bonded) Water Well Constructor Certification
	I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work
Temperature 54 °F Lab analysis Yes By	performed during this time is in compliance with Oregon water supply well
Water quality concerns? Yes (describe below)	construction standards. This report is true to the best of my knowledge and belief.
From To Description Amount Units	License Number 1684 Date 04-22-2008
	Password : (if filing electronically)
	Signed (S)
	Contact Infi (optional) Jope Dalling Co., Inc. 1-800-915-8388

