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

03-26-2007

WELL LABEL # L	86221						
START CARD#	1000707						

(1) LAND OWNER Owner Well I.D.	(9) LOCATION OF WELL (legal descrip	otion)							
First Name Last Name	County Deschutes Twp 17.00 S N/S Range 11.00 E E/W WM								
CompanyKLIPPEL WATER CO	Sec 13 SW 1/4 of the SW 1/4	Tax Lot 800							
Address 19185 BUCK RD									
City BEND State OR Zip 97701	Tax Map Number Lot Lat ' ' or DMS or DD								
(2) TYPE OF WORK New Well Deepening Conversion	Long OMS or DD								
	Street address of well Nearest address								
Alteration (repair/recondition) Abandonment									
(3) DRILL METHOD	BUCK RD								
Rotary Air Rotary Mud Cable Auger Cable Mud	(10) STATIC WATER LEVEL Date SW								
Reverse Rotary Other		VL(psi) + SWL(ft)							
(4) PROPOSED USE Domestic Irrigation Community	Existing Well / Predeepening								
Industrial/ Commercial Livestock Dewatering	Completed Well 03-19-2007	767							
		Hole?							
	WATER BEARING ZONES Depth water was	first found 767							
(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy)		SWL(psi) + SWL(ft)							
Depth of Completed Well 850.00 ft.	03-19-2007 782 850 15	767							
BORE HOLE SEAL sacks/									
Dia From To Material From To Amt lbs 12 0 83.5 Bentonite Chips 0 6 6 S									
8 83.5 830 Cement 6 83.5 55 S									
6 830 850 Centent 6 65.5 55 5									
	(11) WELL LOG Ground Elevation								
How was seal placed: Method A B C D E	Material ——	From To							
Other Poured Dry	Cobbles Clay Brown	0 5							
Backfill placed from ft. to ft. Material	Gravels Gray	5 30							
Filter pack from ft. to ft. Material Size	Lava Broken Gray	30 72							
Explosives used: Yes Type Amount	Conglomerate Brown Basalt	72 75 75 95							
	Sandstone Brown	75 95 95 122							
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	Lost Circ	122 125							
(a)	Hard	125 140							
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Soft	140 150							
	Sandstone	150 185							
	Basalt	185 202							
	Lava Broken Gray Lava Gray	202 271 271 278							
Shoe Inside Outside Other Location of shoe(s)	Conglomerate Brown	278 305							
Temp casing Yes Dia From To	Lava Gray	305 312							
	Conglomerate Brown	312 328							
(7) PERFORATIONS/SCREENS Perforations M. d. Machine	Lava Gray	328 354							
Perforations Method Machine	Sandstone	354 415							
Screens Type Material	Conglomerate Brown	415 433							
Perf/ Casing/Screen Screen Liner Dia From To width length slots pipe size	Date Started 03-07-2007 Completed 0	03-19-2007							
Perf Liner 6 790 830 .125 3 456	(unbonded) Water Well Constructor Certification								
	I certify that the work I performed on the constructi								
	abandonment of this well is in compliance with								
	construction standards. Materials used and information	on reported above are true to							
	the best of my knowledge and belief.	2 5 2007							
(8) WELL TESTS: Minimum testing time is 1 hour	License Number 1852 Date 03-	-26-2007							
Pump Bailer • Air Flowing Artesian	Electronically Filed Signed JEB W ABBAS (E-filed)								
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	Signed JEB W ABBAS (E-filed)								
15 830 1	(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 construction standards. This report is true to the best of my knowledge and belief.								
Water quality concerns? Yes (describe below)	_	· ·							
From To Description Amount Units	License Number 1720 Date03-26-2007								
	Electronically Filed Signed JACK ABBAS (E-filed)								
	Contact Info (optional)								
	Contact fino (optional)								

03-26-2007

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(5) BORE HOLE CONSTRUCTION BORE HOLE SEAL sacks/							(10) STATIC WATER LEVEL Water Bearing Zones											
Dia	Froi	n 	То		<u>Iaterial</u>	Fron	<u>n 7</u>	<u>Co A</u>	mt 1	bs		SWL Date	From	To	Fet Flow	SWL(psi)	+	SWL(ft)
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(6) C	A CTNI	С/ТТ	NED								(1	1) WELL	LOG					
			INEK										Material			From		То
Casii	ng Line	r D	ia +	_ F	From To	Gauge	Stl P	lstc W	ld Th	rd		indstone Brownsalt Gray	'n			433 478	-	478 485
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					•							asalt Gray	,			695		782
											Sa	indstone Cong	lomerate			782	-	850
(7) Pl	ERFO	RA	FIONS	S/SCR	REENS												_	
	Casing					Scrn/slot	Slot	# of		ele/							\dashv	
Screen	Liner	Dia	1 F	From	То	width	length	slots	pipe	size								
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						ng time is					-							
Yield	l gal/mi	n	Drawd	own	Drill ste	m/Pump de	pth I	<u>Duratio</u>	n (hr)		(Comments/	Remarks					
		_					1											
												2 yards sand	grout 7 feet -	45 feet				
Wa	iter Q	uality	Conce	erns								9 yards sand 3 yards sand						
Fre	om	То			Descripti	on	Amo	ount	Units	_		3 yards sand	grout 220 fe	et - 385 feet				
										_		2 yards sand	grout 430 fe	et - 520 feet				
							\dashv			-		3 yards sand	grout 575 fe	et - 685 feet				