'Amendment

E8LU 53430

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

WELL LABEL # L	72499
START CARD #	188446

(1) LAND OWNER Owner Well I.D. Blaha #2	(9) LOCATION OF WELL (legal description)					
First Name Last Name	County COLUMBIA Twp 4 N N/S Range2 W E/W WN					
Company McNulty Water People's Utility District	Sec 12 SW 1/4 of the SE 1/4 Tax Lot 2300					
Address PO Box 676	Tax Map Number 4 2 12 l.ot					
City Scappoose State OR Zip 97056	Lat ° 0 ' " or DMS or D'					
	Long O DMS of D					
2) TYPE OF WORK New Well Deepening Conversion						
Alteration (repair/recondition) Abandonment	Street address of well Nearest address					
3) DRILL METHOD	None assigned Blaha Road, Warren, OR					
Rotary Air Rotary Mud Cable Auger Cable Mud Reverse Rotary X Other Reverse Circulation	(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)					
(4) PROPOSED USE Domestic Irrigation X Community	Existing Well / Predeepening					
	Completed Well 05-29-2007 254					
Industrial/ Commercial Livestock Dewatering	Flowing Artesian? Dry Hole?					
Thermal Injection Other	WATER BEARING ZONES Depth water was first found					
5) BORE HOLE CONSTRUCTION Special Standard Attach copy	SWL Date From To Est Flow SWL(psi) + SWL(ft)					
Depth of Completed Well 399 5 ft	05-29-2007 301 396 254					
BORE HOLE SEAL sacks/						
Dia From To Material From To Amt Ibs						
16 0 105 Bentonite 0 18 20 S						
12 105 399,5 Cement 18 105 40 S						
	(11) WELL LOG Ground Flavation					
	Ground Elevation					
ow was seal placed: Method A B XC D DE	Material From To					
Other bent poured&probed	Gravel, 6"- 0 1					
ackfill placed from ft_to ft Material	Clay, tan, firm 1 10					
Iter pack from ft. to ft. Material Size	Clay, reddish brown, firm 10 21					
plosives used Yes Type Amount	Clay, red, soft 21 31					
	Claystone, tan, medium-soft 31 41 Claystone, reddish brown, medium 41 73					
6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	Claystone, reddish brown, medium 41 73 Claystone, brown w/red, medium 73 77					
	Claystone, brown, sandy, hard 77 89					
(a) 12 X 2 105 375 (b) X 1	Basalt, grey & brown, medium-hard 89 103					
95.5 399.5 .250	Basalt, brown, medium, fractured 103 120					
$H \rightarrow H \rightarrow$	Basalt, grey & brown, medium-hard, fractured 120 144					
	Basalt, grey & brown, w/pumice, medium, v. fract 144 157					
	Basalt, brown & grey, medium-hard, fratured 157 172					
Shoe Inside Outside Other Location of shoe(s)	Basalt, grey-brown-green, medium, fract. & broken 172 184					
Temp casing Yes Dia From To	Basalt, grey-brown-yellow, medium, fractured, 184					
7) PERFORATIONS/SCREENS	vesicular w/claystone, white 225					
Perforations Method factory mill cut	Basalt, grey & brown w/green, medium, fractured 225 238					
	Basalt, grey & black, medium-hard, some fractures 238 295					
Screens Type Material	Basalt, grey, medium-hard, some fractures 295 301					
erf/ Casing/ Screen Scm/slot Slot # of Tele/	Date Started 03-29-2007					
reen Liner Dia From To width length slots pipe size rf Liner 298 399 .188 2.5 3,800	Completed 1					
	(unbonded) Water Well Constructor Certification					
	I certify that the work I performed on the construction, deepening, alteration, abandonment of this well is in compliance with Oregon water supply we					
	construction standards. Materials used and information reported above are true					
	the best of my knowledge and belief					
NUFIL TECTS. Minimum testing 41—2 - 1 have	License Number 1860 Date 06-21-2007					
B) WELL TESTS: Minimum testing time is 1 hour						
Pump Bailer Air Flowing Artesian	Password: (if filing electronically) Signed					
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	Signed					
415 111 24	(bonded) Water Well Constructor Certification					
	I accept responsibility for the construction, deepening, alteration, or abandonm					
DEPENJER	work performed on this well during the construction dates reported above. All w					
emperature 55 °F Lab analysis Yes By RECEIVED	performed during this time is in compliance with Oregon water supply v					
Water quality concerns? Yes (describe below)	construction standards. This report is true to the best of my knowledge and belief					
From To Description Amount Amount	License Number 649 Date 06-21-2007					
From To Description III 22 2007	Password (Friting electronically)					
RECEIVED WATER RESOURCES DEPT	Signed Contact Info (optional)					

COLU 53430

WATER SUPPLY WELL REPORT - continuation page

WELL I.D. # L 7	2499
START CARD#	188446

(5) BC	RE HO	LE CONST	RUCTION	-				(10) STATIO	WATER	LEVEL				
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Dia	From	To	Material	From	To_	Amt_lbs			ing mones					
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							_	(11) WELL	100					
(6) CA	SING/I	INED					_	(11) WELL	LUG					
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\Box					\mathcal{C}			Basalt, grey-bro				326 336	_	336
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(8) W	E 1 1 TE	STS: Minim	um testing t	ima ie 1	hone									
		212: MITTIN	_											
Yield	gal/min	Drawdown	Drill stem/P	ump depth	Dura	tion (hr)		Comments/	Remarks					
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WATER RESOURCES DEPT SALEM, OREGON

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

WELL LABEL # L	72499
START CARD #	188446

(1) LAND OWNER Owner Well I.D. Blaha #2	(9) LOCATION OF WELL (legal descrip	tion)
First Name Last Name	County COLUMBIA Twp 4 N N/S Ra	nge2 W E/W WM
Company McNulty Water People's Utility District	· — · — — —	Tax Lot 2300
Address PO Box 676		Lot
City Scappoose State OR Zip 97056		DMS or DD
City Scappoose Suite OR Zip 77030		
(2) TYPE OF WORK New Well Deepening Conversion		DMS or DD
Alteration (repair/recondition) Abandonment	Street address of well Nearest add	iress
	None assigned. Blaha Road, Warren, OR	
(3) DRILL METHOD		
Rotary Air Rotary Mud Cable Auger Cable Mud	(10) STATIC WATER I EVEL	
Reverse Rotary X Other Reverse Circulation	(10) STATIC WATER LEVEL Date SW	L(psi) + SWL(ft)
	Existing Well / Predeepening	
(4) PROPOSED USE Domestic Irrigation Community	Completed Well 05-29-2007	254
Industrial/ Commercial Livestock Dewatering	Flowing Artesian? Dry	Hole?
Thermal Injection Other	WATER BEARING ZONES Depth water was	first found
(5) BORE HOLE CONSTRUCTION Special Standard Attach copy)		
	SWL Date From To Est Flow S 05-29-2007 301 396	SWL(psi) + SWL(ft) 254
Depth of Completed Well 399.5 ft.	35-25-2007 301 390	
BORE HOLE SEAL sacks/		
Dia From To Material From To Amt lbs 16 0 105 Bentonite 0 18 20 S		
16 0 105 Bentonite 0 18 20 S Cement 18 105 40 S		
Cement 18 103 40 3		
	(11) WELL LOG Ground Elevation	
		F
How was seal placed: Method A B X C D E	Material Crossel 6"	From T ₀
Other bent poured&probed	Gravel, 6"- Clay, tan, firm	1 10
Backfill placed from ft. to ft. Material	Clay, reddish brown, firm	10 21
Filter pack from ft. to ft. Material Size		
Explosives used: Yes Type Amount	Clay, red, soft	
	Claystone, tan, medium-soft	31 41 73
(6) CASING/LINER	Claystone, reddish brown, medium	73 77
Casing Liner Dia + From 10 Gauge Sti Piste Wid 1hrd	Claystone, brown w/red, medium	77 89
● 12 X 2 105 .375 ● X	Claystone, brown, sandy, hard	89 103
0 0 0 95.5 399.5 .250 0 0	Basalt, grey & brown, medium-hard	
	Basalt, brown, medium, fractured	103 120
	Basalt, grey & brown, medium-hard, fractured	120 144
	Basalt, grey & brown, w/pumice, medium, v. fract.	144 157 157 172
Character Counties Cother Leasting of char(c)	Basalt, brown & grey, medium-hard, fratured	172 184
Shoe Inside Outside Other Location of shoe(s)	Basalt, grey-brown-green, medium, fract. & broken Basalt, grey-brown-yellow, medium, fractured,	184
Temp casing Yes Dia From To	vesicular w/claystone, white	225
(7) PERFORATIONS/SCREENS	Basalt, grey & brown w/green, medium, fractured	225 238
Perforations Method factory mill cut	Basalt, grey & black, medium-hard, some fractures	238 295
Screens Type Material	Basalt, grey, medium-hard, some fractures	295 301
		293 301
Perf/ Casing/ Screen Scm/slot Slot # of Tele/	Date Started 03-29-2007 Completed	05-30-2007
Screen Liner Dia From To width length slots pipe size		
Perf Liner 298 399 .188 2.5 3,800	(unbonded) Water Well Constructor Certification	
	I certify that the work I performed on the constructi	
	abandonment of this well is in compliance with	Oregon water supply well
	construction standards. Materials used and information	on reported above are true to
	the best of my knowledge and belief.	21 2007
(8) WELL TESTS: Minimum testing time is 1 hour	7" -	-21-2007
Pump	Password : (if filing electronically)	
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	Signed	
415 111 24	(bonded) Water Well Constructor Certification	
		- electrical or abandonman
	I accept responsibility for the construction, deepening	_
Temperature 55 °F Lab analysis Yes By RECEIVED	work performed on this well during the construction da performed during this time is in compliance with	
	construction standards. This report is true to the best o	
Water quality concerns? Yes (describe below)		
From To Description JUN 2 2 2007	License Number 649 Date 06-21	-2007
JUI4 2 2 2001	Password (Friting electronically)	
WATER RESOURCES DEPT	Signed Suplem Lachruids	
	Contact Info (optional)	
ORIGINAL - WATER RESOURCES D	DEPARTMENT	
THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTM	IENT WITHIN 30 DAYS OF COMPLETION OF WOR	K Form Version: 0.88

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WATER SUPPLY WELL REPORT - continuation page

WELL I.D. # L	72499
START CARD	# 188446

(5) DODE	HOLE CO	NETDUCTION					т —							
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