STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210) **DESC 61841** 

12/20/2019

WELL I.D. LABEL# L 13529 START CARD # 10455 ORIGINAL LOG #

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L	135296	
	1045535	

(1) LAND OWNER Owner Well I.D.			
First Name C/O ROBINSON AND OWE Last Name	(9) LOCATION OF WELL (legal description)		
Company SUNRIVER ENVIRONMENTAL LLC	County DESCHUTES Twp 19.00 S N/S Range 11.00 E	E/W/ W/M	
Address PO BOX 267			
City SISTERS State OR Zip 97759	Sec <u>33</u> <u>SE</u> <u>1/4 of the SW</u> <u>1/4 Tax Lot <u>102</u></u>		
(2) TYPE OF WORK New Well Deepening Conversion	Tax Map Number Lot	DIAG DD	
Alteration (complete 2a & 10) Abandonment(complete 5a)	Tax Map Number Lot  Lat' or  Long	DMS or DD	
(2a) PRE-ALTERATION		DMS or DD	
Dia + From To Gauge Stl Plstc Wld Thrd	Street address of well     Nearest address		
Casing:	18305 COTTONWOOD RD		
Material From To Amt sacks/lbs			
Seal:	(10) CTATIC WATED LEVEL		
(3) DRILL METHOD	(10) STATIC WATER LEVEL  Date SWL(psi) + S	CW/I (ft)	
Rotary Air Rotary Mud Cable Auger Cable Mud	Existing Well / Pre-Alteration	SWL(ft)	
Reverse Rotary Other	Completed Well 11/21/2019	130	
(4) PROPOSED USE Domestic Irrigation Community	Flowing Artesian? Dry Hole?	150	
Industrial/ Commercial Livestock Dewatering	WATER BEARING ZONES Depth water was first found 178.00		
Thermal Injection X Other TEST HOLE			
	SWL Date From To Est Flow SWL(psi) +	SWL(ft)	
(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy	11/21/2019 178 430 1000	130	
Depth of Completed Well 430.00 ft.			
BORE HOLE SEAL sacks/			
Dia From To Material From To Amt lbs	1		
16         0         138         Bentonite Chips         0         155         260         S           13.5         138         430         Calculated         148	J		
13.5 138 430 Calculated 148 Cement 155 175 15 S	1		
Calculated 10.23	(11) WELL LOG Ground Elevation		
How was seal placed: Method A B XC D E	Material From	To	
XOther POURED DRY	COBBLES AND BRPWN CLAY 0	5	
Backfill placed from ft. to ft. Material	BROKEN GRAY LAVA AND COBBLES 5	16	
Filter pack from 175 ft. to 430 ft. Material 3/8 Size pea gravel	GRAY BASALT 16	43	
	RED SANDSTONE 43	59	
Explosives used: Yes Type Amount	GRAY BASALT 59	64	
(5a) ABANDONMENT USING UNHYDRATED BENTONITE	BROKEN GRAY AND BROWN 64	83	
Proposed Amount Actual Amount	BASALT W/CLAY SEAMS 83	138	
(6) CASING/LINER	BROWN CONGLOMERATE CAVING 138	145	
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	BROWN CONGLOMERATE CAVING 138 BROWN LAVA CONGLOMERATE 145	145	
●	BROWN AND GRAY LAVA 160	178	
	W/B FRACTURED BASALT 178	200	
	W/B BROKEN LAVA CONGLOMERATE 200	239	
	W/B FRACTURED ANDISITE 239	283	
	W/B BRN AND WHITE CONGL W/LAVA 283	410	
Shoe Inside Outside Other Location of shoe(s)	W/B HARD ANDISITE 410	430	
Temp casing Yes Dia From + To			
(7) PERFORATIONS/SCREENS			
Perforations Method FACTORY			
Screens Type Material	Date Started 11/11/2019 Completed 11/21/2019		
Perf/ Casing/ Screen Scrn/slot Slot # of Tele/	•		
Screen Liner Dia From To width length slots pipe size	(unbonded) Water Well Constructor Certification I certify that the work I performed on the construction, deepening,	alteration or	
Perf         Casing         8         330         430         .125         3         2400	abandonment of this well is in compliance with Oregon water		
	construction standards. Materials used and information reported abo		
	the best of my knowledge and belief.		
	License Number Date		
(8) WELL TESTS: Minimum testing time is 1 hour			
•	Signed		
	(bonded) Water Well Constructor Certification		
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)			
1000 430 2	I accept responsibility for the construction, deepening, alteration, or work performed on this well during the construction dates reported ab		
	performed during this time is in compliance with Oregon water supply well		
Temperature 52 °F Lab analysis Yes By	construction standards. This report is true to the best of my knowledge	e and belief.	
*			
Water quality concerns? Yes (describe below) TDS amount 162 ppm From To Description Amount Units	License Number 1720 Date 12/20/2019		
	Signed JACK ABBAS (E-filed)		
	Contact Info (optional) JACK ABBAS		

**DESC 61841** 

WELL I.D. LABEL# L 135296

START CARD # 1045535

ORIGINAL LOG #

continuation page	12/20/2019	ORIGINAL LOG #	1043333
(2a) PRE-ALTERATION	Water Qualit	ty Concerns	·
Dia + From To Gauge Stl Plstc Wld Thrd	From To		Amount Units
Material From To Amt sacks/lbs			
(7) PODE HOLE CONCEDUCATION	(10) STATIO	C WATER LEVEL	
(5) BORE HOLE CONSTRUCTION	SWL Date		ow SWL(psi) + SWL(ft)
BORE HOLE SEAL Dia From To Material From To Amt	sacks/		
waterial 110m 10 Amt	108		
Calculated			
Calculated			
Calculated			
Calculated			
FILTER PACK From To Material Size	(11) WELL 1	Ĺ <b>OG</b>	
		Material	From To
6) CASING/LINER			
Casing Liner Dia + From To Gauge Stl Plstc Wld	Γhrd		
8 8 H			
(7) PERFORATIONS/SCREENS			
Perf/ Casing/ Screen Scrn/slot Slot # of	Tele/		
Screen Liner Dia From To width length slots p	pipe size		
	Comments/I	Remarks	
	<del></del>	CASING COULD NOT PULL, S	TATE GAVE OKAY TO
(8) WELL TESTS: Minimum testing time is 1 hour	CUT CASING	11' BELOW GROUND LEVEL.	WATER MASTER (BILL)
Yield gal/min Drawdown Drill stem/Pump depth Duration (h	(r) ON SITE AND	CONVERSED W/ JOEL @ WRI	D DEPT
	7		