## **DESC 57902**

**DESC 57902** 

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STATE OF OREGON WATER SUPPLY WELL REPORT

03-06-2007

WATER SUPPLY WELL REPORT U3-U6-2	2007 WELL LABEL # L 84019	
(as required by ORS 537.765 & OAR 690-205-0210)  AMENDED 3-4-07	3.20.07	
(1) LAND OWNER Owner Well I.D. Sisters Well #3	(9) LOCATION OF WELL (legal description)	
First Name Last Name	County Deschutes Two 10.00 S N/S Range 10.0	0 E E E E E E E E E E E E E E E E E E E
Company CITY OF SISTERS	- I timige	LOS E/W WM
Address 520 EAST CASCADE AVE		103
City SISTERS State OR Zip 97759	Lat ° 0 ' " or	D140 DD
		DMS or DD
(2) TYPE OF WORK New Well Deepening Conversion	2018	DMS or DD
Alteration (repair/recondition) Abandonment	Street address of well Nearest address	
(3) DRILL METHOD	NE LOT ABOUT 350 FT WEST OF CAMP POLK RD AT INT	TERSECTION
Rotary Air Rotary Mud Cable Auger Cable Mud Reverse Rotary Other	(10) STATIC WATER LEVEL Date SWL(psi)	
	Existing Well / Predeepening Date SWL(psi)	+ SWL(ft)
4) PROPOSED USE Domestic Irrigation Community	Completed Well 02-02-2007	73.3
Industrial/Commericial Livestock Dewatering		73.3
Thermal Injection Other		-
5) BORE HOLE CONSTRUCTION Special Standard Attach cop	WATER BEARING ZONES Depth water was first foun	
Depth of Completed Well 288.00 ft.	y) SWL Date From To Est Flow SWL(psi)	+ SWL(ft)
DODD HOLD	,	
BORE HOLE SEAL sacks Dia From To Material From To Amt lbs		
20 0 193 Cement 0 130 300 S		
16 193 293 Bentonite Chips 130 170 48 S		
Cement 170 195 40 S	(11) WELL LOG	
	(11) WELL LOG Ground Elevation	
low was seal placed: Method A B C D E	Material From	To
Other	Top Soil 0	4
ackfill placed from ft. to ft. Material	Gravels (some cemented) 4	139
lackfill placed fromft. toft. Materialilter pack fromft. toft. Material	Black Basalt 139	160
xplosives used: Yes Type Amount	Gravels w/ Brown Visicular (wb 500+) 160	170
The treate and controllers and the controllers	Gray Basalt 170 Broken Brown Basalt Visicular (wb) 196	196
6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Three		210
	Brown & Red Visicular Basalt (wb) 210	245
●       16       ★       2       195       .375       ●       ★         14       268       283       .375       ●       ★	Black Basalt w/ Some Red Clay Stone (wb) 245	250
208 208 375	Brown Basalt w/ Red Clay Stone (wb) 250	258
	Soft Brown Visicular Basalt 258	270
	Black Basalt 270	293
Shoe Inside Outside Other Location of shoe(s)		
Temp casing Yes Dia From To		
7) PERFORATIONS/SCREENS		
Perforations Method		-
Screens Type Cont. Wire Wrap Material 304 SS		1
terf/ Casing/Screen Scrn/slot Slot # of Tele/creen Liner Dia From To width length slots pipe size	Date Started 11-27-2006 Completed 02-02-200	7
creen 14 188 268 .25	(unbonded) Water Well Constructor Certification	
	I certify that the work I performed on the construction, deepe	
	abandonment of this well is in compliance with Oregon	
	construction standards. Materials used and information reporte	d above are true to
	the best of my knowledge and belief.	
8) WELL TESTS: Minimum testing time is 1 hour	License Number 1702 Date 03-06-2007	
Pump Bailer Air Flowing Artesian	Electronically Filed	
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	Signed RUSTY R OTTO (E-filed)	-32.
1,500 1.3 175 1.5	(bonded) Water Well Constructor Certification	
2,000 4 175 2	I accept responsibility for the construction, deepening, alteration	on, or abandonment
2,500 6 175 2	work performed on this well during the construction dates reporte	
emperature 54 °F Lab analysis Yes By	performed during this time is in compliance with Oregon	
Veter quelity concerne?	construction standards. This report is true to the best of my know	wledge and belief.
From To Description RECEIVEDs	License Number 1523 Date03-06-2007	
	Electronically Filed	
MAR 2 8 2007	Signed ROBERT STADELI (E-filed)	
MININ CO FOOT	Contact Info (optional)	

## AMENDED DESC 57902

WATER SUPPLY WELL REPORT - continuation page

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START CARD # 1000329

	(5) BORE HOLE CONSTRUCTION (10) STATIC WATER LEVEL													
	ORE H				SEAL			sacks/	Water Re	aring Zones				
Dia	From	To		Material	From	То	Amt	lbs						
		_			-			-	SWL Date	From	То	Est Flow	SWL(psi)	+ SWL(ft)
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			_						(11) WELI	LOG				
(6) CA	SINC	/LINE	ER							Material			From	To
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(8) WE	SLL T	ESTS	: Mini	mum testing	time is 1	nour								
Yield s	gal/min	Dra	wdown	Drill stem/	Pump depth	Dura	tion (h	r)	C	(Domonile)				
3	,000		6	1	75	2			Comment	/ Remarks				
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7.					-			-						
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Wat	er Qu	ality Co	oncern											
From	1	То		Description		Amount	Unit	S						
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## DESC 57902

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Water Resources Department

North Mall Office Building 725 Summer Street NE, Suite A

Salem, OR 97301-1266 503-986-0900

FAX 503-986-0904

- - - "

WATER SUPPLY WELL REPORT -

Map of well

continuation page



January 17, 2007

GEO TECH EXPLORATIONS ROBERT STADELI #1523 19700 SW TETON TUALATIN OR 97062 JAN 1 9 2607

FINAL ORDER

Dear Robert:

The Special Standard request you submitted for owner: City of Sisters, Start Card number 1000329 is hereby approved for the following: You may use 3/4-inch unhydrated bentonite chips in this well from a depth of 155 ft bgs to 170 ft bgs due to a lost circulation zone. The sealing material from 155 ft bgs to land surface shall be cement grout. The placement of the bentonite shall conform to the Departments rules and the manufacturers specifications and result in a seal that is free of voids or bridges. Care shall be taken to minimize the introduction of bentonite dust (See OAR 690-210-0330). All other standards must be adhered to. Your Special Standard request form is enclosed.

The Well Construction Standards serve to protect ground water resources. By approving and issuing this special construction standard the Oregon Water Resources Department is not representing that a well constructed in accordance with this condition will maintain structural integrity or that it meets engineering standards. The well constructor/or landowner is responsible for ensuring that a well is constructed in a manner that protects ground water resources as required under Oregon Administrative Rules 690-200 through 690-240.

If you have any questions concerning this letter, I may be contacted at (503) 986-0851, or by e-mail at Kristopher.R.Byrd@wrd.state.or.us.

Sincerely,

Kristopher Byrd Well Construction Program Coordinator

Enforcement Section

cc: Larry Carey, SC Region Well Inspector

File.

This is a final order in other than contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

RECEIVED

MAR 28 2007

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WATER SUPPLY WELL REPORT continuation page

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Map of well

AMENDED 3.6.07

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only 3 pages

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MAR 28 2007 WATER RESOURCES DEPT SALEM, OREGON