

**State of Oregon Drinking Water Program  
Monthly Disinfection Report for Ground Water Systems**

System Name Days Creek School PWS ID# 41 92101  
 Month/Year Jan / 22 Entry Point: A Required Minimum Residual LO mg/L

Date	Time	Source(s) in use	Lowest free chlorine residual at entry point to distribution system (mg/L)	Notes
1	OFF	Spring	-	
2	OFF		-	
3	<del>0730</del>		3.11	
4	0745		2.81	
5	0735		2.82	
6	0730		2.98	
7	<del>0730</del>		OFF	
8			OFF	
9			OFF	
10	0730		1.89	
11	0730		2.06	
12	0730		2.17	
13	0730		2.15	
14	<del>0730</del>		OFF	
15			OFF	
16			OFF	
17			OFF	
18	0730		1.83	
19	0740		1.67	
20	0740		1.40	
21	<del>0730</del>		OFF	
22	off		OFF	
23	off		OFF	
24	0730		.35	12:30 08:05 = 0.44, 08:35 = 0.55, 1.62
25	0740		1.56	08:47 = 0.44, 08:55 = 1.09
26	0730		1.41	
27	0730		1.34	
28			OFF	
29			OFF	
30			OFF	
31	0705		1.74	

Was the chlorine residual ever less than the required minimum residual of \_\_\_\_\_ mg/L?  Yes  No  
 If yes, what was the longest time period until the required level was restored? \_\_\_\_\_ hours - If > 4 hours, Drinking Water Program to be notified by end of next business day.

<p><b>GWS Serving 3,300 or Fewer</b></p> <p>If yes, did you monitor every four hours until the residual returned to <u>1.0</u> mg/L as required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Attach those results and submit them with this form.</p>	<p><b>GWS Serving More Than 3,300</b></p> <p>Did continuous monitoring equipment fail at any time this reporting month? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes, were grab samples collected every four hours until the continuous monitoring equipment was returned to service as required? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Attach grab sample results and submit them with this form.</p>	<p>Date continuous monitoring equipment failed: / /</p> <p>Date it was returned to service: / /</p>
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Printed Name: Matt Gies Title: Water Operator Operator Certification #: T092999  
 Signature: [Signature] Phone #: (541) 825-3296  
 Date: 2 / 2 / 22 OR Small Groundwater System

Return by 10<sup>th</sup> of following month by either email [dwp.dmce@state.or.us](mailto:dwp.dmce@state.or.us); fax 971-673-0694; or mail to Drinking Water Services, PO Box 14350, Portland, OR 97293-0350.

Days Creek Water Incident  
Jan 24th 2022

- 7:30 AM
  - water tested by maintenance at 0.35 cl2 residual, below required 1.0
- 7:45
  - Water operator arrived and was informed
  - Treatment process started to boost CL2
- 7:55
  - Called DWP to inform of issue/left message
  - Called Emergency contact number and talked to Casey Lion
    - Told Casey the situation
      - At the time it was assumed that the issue was caused by a combination of temperature drop, low water levels in the treated tank and the amount of time over the weekend. We are off of school Friday, Saturday and Sunday and the water tank was about ¼ full.
      - Several more phone calls took place to keep Casey up to speed.
        - There was also concern that perhaps someone treated water over the weekend as the tank was slightly higher than expected. Upon checking with the staff it was determined no one came in over the weekend to treat so it was eliminated as a possibility.
- 8:05
  - Residual=0.44
- 8:35
  - Residual=0.55
- 8:47
  - Residual=0.94
- 8:55
  - Residual=1.09
- 8:57
  - Informed Casey that we were above required minimum CL2 levels.

It was assumed during the process that there was a natural CL2 level drop over the weekend and that there was sufficient contact time to avoid doing a boil water notice. In the following weeks we have been monitoring the system and have determined that there is a possibility that when the treated tank is low and the raw tank is full, there is a possibility that head pressure from the raw tank could potentially push through the check valves and enter the treated system. To prevent this we are manually isolating the two tanks when treatment is turned off and we will be replacing old valves to prevent future issues. We are also planning on creating a greater CL2 residual buffer over the weekends.