Osmond Improvement & Service District
PO Box 188
Afton, WY 83110

August 24, 2026

Dear EPA,

Below is a timeline of events regarding efforts to identify and mitigate Total Coliform contamination in the Osmond Improvement and Water District drinking water system:

8/5/26: due TC+ samples, a Level 1 Assessment was triggered on the Osmond water system. As the groundwater tap for the system is at the home of the first user and all repeat and triggered sample were positive it was determined that a sample should be collected further upstream, as far upstream as possible, to narrow down the point of contamination. Two samples were collected by dipping from the spring box.

8/6/26: Some district personnel met at the spring box to make an inspection of the spring area and remove any undesirable weeds and woody plants that might threaten the spring. Inspection of a crossing of the transmission line through Dry Creek was made. Discussion of options and paths forward depending on lab results was had.

8/7/26: Results for samples collected were verbally reported by the lab to be TC+. Plans were made to disinfect the spring box and resample. Calcium Hypochlorite ($CaCl_2O_2$) tablets were placed in the spring box to disinfect the box and distribution system.

8/8/26: Chlorine residual was measured in the distribution system and found to be insufficient. More $CaCl_2O_2$ tablets were placed in the spring box.

8/10/26: Chlorine residual was measured in the distribution system (.4ppm FC) and the spring box (0). Three BacT samples were collected from the spring box.

8/11/26: Three BacT samples were collected from the spring box. The 8/10 samples were reported to be safe.

8/12/26: The previous day's samples were verbally reported as TC+. The spring box was again disinfected, this time with sodium hypochlorite with more attention to in-box currents and mixing the water in the spring box. A residual of 1ppm FC at the spring box was obtained for more than 60 minutes. Several hours later there was still a trace of free chlorine.

8/13/26: Three BacT samples were collected from the spring box. Residual chlorine was zero.

8/14/26: The previous day's samples were verbally reported as TC+/EC-.

8/15/26: **Continuous** disinfection of the water supply commenced at the collection box.

8/26/26: Samples were collected at the repeat sample sites. Residual chlorine measured at .2 ppm free chlorine.

8/27/26. The previous day's samples were verbally reported as TC-/EC-

The repeated disinfection and TC+ follow-up samples indicate a point or points of contamination requiring extensive evaluation and remediation outside the 30-day timeline of a Level 1 Assessment. Since the 8/14 samples were received the system has been continuously disinfected. On 8/24/26, water operator Jason Mavy reached out to Jamie Harris, RTCR rule manager to discuss the above efforts and findings. The District has determined it is necessary to continually disinfect the system until repairs or corrections can be made or until the new source can be brought online. These repairs would occur after the in-construction well and storage tank are brought into service later this year.

When the well is put into service and the spring water directed to waste the system will be dechlorinated, tested for bacteria and treatment will permanently cease following safe test results.

Below is a timeline table for expected mitigation events:

Action	**Estimated date of completion**
Commence disinfection of spring water	8/15/2026
Complete well pump station construction	10/1/2026
Complete storage tank construction	10/1/2026
Activate well/direct spring water to waste	10/8/2026
Redevelop spring and/or replace transmission line and/or repair spring box	11/1/2027

Jason Mavy, Water Operator

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