



EPA Region 8 - Significant Deficiencies

**Water and Wastewater Quality Pollution and
Control Association (WWQ-PCA) Conference**

Ground Water and Surface Water

Significant Deficiencies

October 25, 2023

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Ground Water Rule Manager



Disclaimer

*The views expressed in this presentation are those of the author(s)
and do not necessarily reflect the views or policies of the U.S.
Environmental Protection Agency.*



How Best to Get Your Significant Deficiencies Closed

- Communication
- Documentation
- Followup



Contact Information:

Matthew Langenfeld

Ground Water Rule Manager

USEPA Drinking Water Section A

1595 Wynkoop Street (Mail Code 8WD-SDA)

Denver, Colorado 80202

Email: Langenfeld.matthew@epa.gov - R8DWU@epa.gov

Phone: 303-312-6284

Fax: 1-877-876-9101



Communication or Questions:

- **Phone Calls:** If you would like to discuss call Matt at 303-312-6284 and leave a message, include your name and phone number, the PWSID# and the name of the system
- **Emails:** Send to Langenfeld.matthew@epa.gov include your name and phone number, the PWSID# and the name of the system in the subject line.



Significant Deficiency (SD) Closure and Extension

Requests:

- **Phone Calls:** If you have questions, call Matt at 303-312-6284 and leave a message, include your name and phone number, the PWSID# and the name of the system
- **Emails:** Send to Langenfeld.matthew@epa.gov and R8DWU@epa.gov include your name and phone number, the PWSID# and the name of the system in the subject line.
- You will receive a Email or phone response to your requests.



**For Significant Deficiency (SD) Closure Requests use the
Significant Deficiency Correction Notice Form.**

Link:

http://www2.epa.gov/sites/production/files/201405/documents/significant_deficiency_correction_notice.pdf



For SD Closure Requests use the Correction Notice Form:

- Include the PWSID# and the name of the system
- Circle Groundwater or Surface Water
- Facility – Randy’s Well WL01 Well Cap, Blue Tank ST01 Hatch, Red Tank ST02 Overflow
- Include the SD exactly as in the Sanitary Survey
- Label your pictures and include under the photo’s column
- Include WYDEQ Permit # and attach a copy
- If there is no WYDEQ Permit label as Not Applicable (NA)



SIGNIFICANT DEFICIENCIES

Significant deficiencies include, but are not limited to, defects in the design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage, or distribution system, that the EPA determines to be causing, or have the potential for causing, the introduction of contamination into the water delivered to consumers. Please note the instructions for responding to significant deficiencies in the attached cover letter. Failure to provide a response to the EPA could result in a violation.

- 1) Gravity Tank ID: ST04 – Reservoir Storage Tank (4 MG)**
Overflow on finished water storage tank discharges at improper height*. (see photo #21)

Overflow must be piped to an elevation between 12 and 24 inches above the ground surface and discharge over a drainage inlet structure, splash plate, or engineered rip-rap.

- 2) Gravity Tank ID: ST04 – Reservoir Storage Tank (4 MG)**
Overflow screening on finished water storage tank improvement needed*. (see photo #21)

Overflows must be fitted with non-corrodible #24-mesh screen, or a properly sealed flapper or duckbill valve to prevent contamination (including contamination carried by insects, rodents, and birds) from entering the water system. The screen should preferably be installed within the pipe at a location least susceptible to vandalism. When a flapper valve is used, a screen must be placed inside the valve (EPA Region 8 recommends non-corrodible #24-mesh screen be used). In cold climates, use of a flapper or duckbill valve should be considered to minimize air movement and hence ice formation in the tank. In cold climates, provisions should be considered to prevent the flapper or duckbill from freezing shut. Correction of this deficiency will require a permit to construct from the WYDEQ and will require an evaluation by an engineering firm to ensure that no damage will occur to the existing water tank as a result of the modifications to address the significant deficiencies.



Preliminary and Overdue Notices for Significant Deficiencies (SDs)

- A preliminary notice is sent out to those systems that have about 45 days left to correct SDs and submit a correction notice.
- An overdue notice is sent out about 45 days after a system is overdue.



EPA Region 8 Significant Deficiencies

October 2023

Subject: WY560123 Randy's Ranch: EPA Significant Deficiency Correction(s) Required

Significant deficiencies were found at your water system during a sanitary survey conducted by the EPA. Based on the 6 month standard correction timeframe or your request for an extended schedule that was approved by EPA, you have uncorrected significant deficiencies with an upcoming corrective action schedule deadline.

Please see the attached document for a **list of uncorrected significant deficiencies** at your water system and the dates each must be corrected by.

Please note that you may need a construction permit from WY DEQ prior to completing the correction. Contact information for the WY DEQ engineer for your district is listed in your sanitary survey report and can also be found at the following website: <http://deq.wyoming.gov/>. Click on "Water Quality" at the bottom of the page and then click on the district associated with your county in the map that populates to the left.

You must notify EPA Region 8 within thirty (30) days of correcting each significant deficiency. Please complete the significant deficiency correction notice form (available at http://www2.epa.gov/sites/production/files/2014-05/documents/significant_deficiency_correction_notice.pdf) and return it to the EPA within the required timeframe. Attach photos documenting corrections associated with changes to infrastructure. In addition, if you were required to obtain a WY DEQ construction permit, please also include a copy of the WY DEQ permit.

Email: Langenfeld.Matthew@epa.gov
Mail: Matthew Langenfeld
U.S. Environmental Protection Agency/Region 8
1595 Wynkoop Street (8WD-SDA)
Denver, CO 80202

Failure to correct significant deficiencies and provide notification to the EPA according to the approved schedule will result in a violation notice. If you have any questions, please contact Matthew Langenfeld at 303.312.6284.



EPA Region 8 Significant Deficiencies

October 2023

Subject: WY5601234, Randy's Ranch: EPA Significant Deficiency Correction(s) **Overdue**

Significant deficiencies were found at your water system during a sanitary survey conducted by the EPA. Based on the 6 month standard correction timeframe or your request for an extended schedule that was approved by EPA, you have uncorrected significant deficiencies with an overdue corrective action schedule deadline.

Please see the attached document for a list of **overdue** uncorrected significant deficiencies at your water system and the dates each were to be corrected by.

Please note that you may need a construction permit from WY DEQ prior to completing the correction. Contact information for the WY DEQ engineer for your district is listed in your sanitary survey report and can also be found at the following website: <http://deq.wyoming.gov/>. Click on "Water Quality" at the bottom of the page and then click on the district associated with your county in the map that populates to the left.

You must notify EPA Region 8 within thirty (30) days of correcting each significant deficiency. Please complete the significant deficiency correction notice form (available at http://www2.epa.gov/sites/production/files/2014-05/documents/significant_deficiency_correction_notice.pdf) and return it to the EPA within the required timeframe. Attach photos documenting corrections associated with changes to infrastructure. In addition, if you were required to obtain a WY DEQ construction permit, please also include a copy of the WY DEQ permit.

Please do not "Reply" to this notice. This documentation can be sent to the EPA as follows:

Email: Langenfeld.Matthew@epa.gov
Mail: Matthew Langenfeld
U.S. Environmental Protection Agency/Region 8
1595 Wynkoop Street (8WP-SDA)
Denver, CO 80202

Failure to correct significant deficiencies and provide notification to the EPA according to the approved schedule will result in a violation notice. This notice is anticipated to be mailed soon. Please contact Matthew Langenfeld at 303.312.6284, if you have any questions. Please submit documentation of correction or a request for an extension as soon as possible.



How to Submit an Extension Request:

- Send an Email to Matt at Langenfeld.matthew@epa.gov and R8DWU@epa.gov
- Provide the PWSID# and the system name in the email subject line.
- Identify those specific SDs that an extension is requested for.
- Describe why you are requesting an extension and provide good reasons for it (ie WYDEQ permit).
- Provide a new recommended date for completion.
- You will receive an email response to SD and Extension requests.



**Extension Requests Cannot be Granted if an NON
for Failure to Correct Significant Deficiencies has
been Issued:**



Follow up on SD Closure and Extension Requests:

- Some Email messages go to Spam, Junk or Trash.
- Some go to the wrong or to retired EPA employees.
- Some take time to get processed.
- Some just get missed.
- If you don't get an email response in a week or two, resend the email or call Matt.



Tape and Caulk are Not Allowed to Correct Significant Deficiencies

Example photo: Green tape used to secure 24 mesh on overflow.







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