



# **EPA Region 8 - Significant Deficiencies**

**Ground Water Rule  
Significant Deficiency Training  
Matthew Langenfeld  
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

Field Services and Tribal Section

1595 Wynkoop Street (Mail Code 8WD-SD-F)

Denver, Colorado 80202

Email: [Langenfeld.matthew@epa.gov](mailto:Langenfeld.matthew@epa.gov) - [R8DWU@epa.gov](mailto: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](mailto: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](mailto:Langenfeld.matthew@epa.gov) and [R8DWU@epa.gov](mailto: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:** <https://www.epa.gov/region8-waterops/significant-deficiency-correction-notice>



EPA Region 8 – Significant Deficiency Correction Notice

Public Water System Name \_\_\_\_\_

Public Water System ID# \_\_\_\_\_

Public Water System Source Type: (circle one)      Groundwater                      Surface Water                      Mixed

Instructions:

Please use this form to report the correction of sanitary survey significant deficiencies identified during your last sanitary survey. List the individual significant deficiencies and the date of correction below. Pictures of corrections or a brief description of each correction is required. Label all pictures and correlate them to a specific significant deficiency. Include the name of the facility (e.g., well name and number, tank name and number, treatment plant, etc.) if applicable, and the correction date on any documentation you provide.

**If a WY DEQ permit was required to make any of the significant deficiency corrections, please include the permit number on the specific correction line below.**

Facility	Significant Deficiency	Date Corrected	Photos? [ ] Yes [ ] NA	WYDEQ Permit

I certify that the information submitted with this report is true and accurate.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_/\_\_\_\_/\_\_\_\_

Print Name

Signature

Date

Corrections described on attached Significant Defici





## 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.

## EPA Region 8 – Significant Deficiency Correction Notice

Public Water System Name \_\_\_\_\_Randy’s Ranch\_\_\_\_\_

Public Water System ID# \_ WY5601234 \_\_\_\_\_

Public Water System Source Type: (circle one)      **Groundwater**      Surface Water      Mixed

Facility	Significant Deficiency	Date Corrected	Photos? [x] Yes [ ] NA	WYDEQ Permit #
Randy’s Well WL01 Well Cap	A well cap sanitary seal was not visible during the sanitary survey inspection	6/22/2020	WL01 -1 WL01- 2	Not Applicable
Blue Tank, ST01 Hatch	The hatch does not have an airtight seal between the lid and lip of riser	6/22/2020	ST01-1 ST01-2	Not Applicable
Red Tank, ST02 Overflow	The overflow does not have a 12-24 inch air gap from the ground surface to pipe	6/22/2020	ST02-1 ST02-2	Not Applicable

I certify that the information submitted with this report is true and accurate.

\_\_\_\_\_Randy Smith\_\_\_\_\_      \_\_\_\_\_      \_\_\_\_\_6\_/22/\_/2020\_

Print Name      Signature      Date

Corrections described on attached Significant Defici  
Supportive

For groundwater systems submit to: [Langenfeld.Matthew@epa.gov](mailto:Langenfeld.Matthew@epa.gov) and to [R8DWU@epa.gov](mailto:R8DWU@epa.gov)  
For surface water systems submit to: [Crosby.Jake@epa.gov](mailto:Crosby.Jake@epa.gov) and to [R8DWU@epa.gov](mailto:R8DWU@epa.gov)  
Or Fax to: 1-877-876-9101



## 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

August 2020

**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](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](mailto: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

August 2020

**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](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](mailto: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](mailto:Langenfeld.matthew@epa.gov) and [R8DWU@epa.gov](mailto:R8DWU@epa.gov)
- Provide the PWSID# and the facility 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 NOV 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.







10-23-2018 12:24