



State of Utah

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Department of
Environmental Quality

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DIVISION OF DRINKING WATER
Kenneth H. Bousfield, P.E.
Director

October 16, 2012

Mr. Elliott Shultman
Leeds Domestic Water Users
PO Box 460627
Leeds, UT 84746

Subject: Sanitary Survey, Leed Domestic Water Users Association, System #27010

Dear Elliott:

I would like to thank Mark Osmer and Colin Korpi for taking the time to meet with me to conduct a sanitary survey of the Leeds Domestic Water Users Association Water System on Thursday September 27, 2012.

The Utah Division of Drinking Water Improvement Priority System Rule, R309-400, rates public drinking water systems. Points are assigned based on violations of the Drinking Water Rules found. Points assessed during a sanitary survey will become part of the total IPS points if not corrected within the time frame specified in this report. *Community Systems* that exceed 150 points will be rated as "Not Approved" if corrections are not made.

Thank you for taking the time to fix some of the issues that were identified during the sanitary survey. I have received photos of those corrections; therefore, those deficiencies are not identified in this final report.

The following deficiencies were identified during the sanitary survey

Minor deficiencies

1. The Large Green Tank (ST001) access hatch is not located only 2 inches above the surface of the tank. R309-545-15(1) requires that the hatch lid be raised from the surface of the tank surface by a minimum of 4 inches. Three (3) demerit points have been assessed for this item. This deficiency should be corrected within 90 days.
2. The Small Green Tank (ST002) access hatch only as a one(1) inch overhang on the shoebox style lid. R309-545-14(2) requires that the shoebox style lid extend a minimum of 2 inches down around the frame. Three (3) demerit points have been assessed for this item. This deficiency should be corrected within 90 days.

Recommendations

1. There was mild deterioration found on the exterior of both the Large Green Tank (ST001) and the Small Green Tank (ST002). It is my understanding that both of these tanks will be repainted

within the next year. This should correct the issue. As we also discussed during the site visit, although there is a #14 screen on the air vents for both of these tanks, to meet the rules completely, these screens should also be covered by a larger gauge screen to protect the #14 screen. You had said this will be done while the exterior surface of these tanks is painted.

In addition to the deficiencies listed above, it is also noted that you do have a written Emergency Response Plan. This item allows for ten (10) credit points to be issued.

Therefore, your total IPS points at this time is listed as **(-4) 4 credit points**.

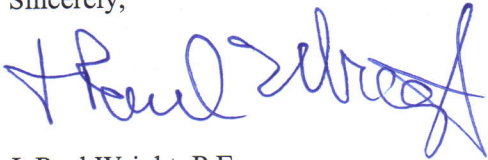
Enclosed are copies of the completed survey responses, deficiency report and IPS deficiency correction notice. The Division of Drinking Water will provide a copy of your IPS Report after their staff has transferred the sanitary survey information into their main database.

Even though no significant deficiencies were found during your sanitary survey, whenever a significant deficiency has been identified during a sanitary survey you must consult with the Division of drinking Water regarding the appropriate corrective action within 30 days of being notified of that significant deficiency as specified in R309-215-16(3)(a)(vi). All significant deficiencies must be corrected within 120 days of the date of completion of the survey or the system must enter into a corrective action plan with the Division to address the significant deficiencies as specified in R309-15-16(3)(a)(v). Once the deficiency has been corrected (corrective action) you must notify the Division of that correction within 30 days of completing the correction. Failure to do so will result in a treatment technique violation as stated in R309-215-16(4)(a). Further you must provide public notice of the violation as specified in R309-15-16(3)(a)(viii).

Please use your water system number **Utah27010** in all of your correspondence to our office.

Feel free to contact me at (435)986-2590 or e-mail pwright@utah.gov if you have questions or if we can be of further assistance.

Sincerely,



J. Paul Wright, P.E.
Southwest District Engineer

Enclosures

cc: Robert Beers, Southwest Environmental Health Director, rbeers@swuhealth.org
John Oakeson, Division of Drinking Water

Sanitary Survey - Deficiency Report

PWS Number: UTAH27010

Total Demerit Points: -4

Survey Date: 10/15/2012

Survey Name: LEEDS DOMESTIC WATER 2012

Surveyor Name: John Oakeson

Sanitary Survey Category:

SDWIS Severity Code: Recommendation

Management / Planning / General

Has there been any recent modifications to the water system?

Answer Recorded Yes

Comments:

Notes:

Demerit Points:

Days to Correct Deficiency:

SDWIS Deficiency Description: INFO

Sanitary Survey Category: DS

SDWIS Severity Code: Recommendation

DS001-UTAH27010 DISTRIBUTION SYSTEM - (Active) / Cross-Connections

Does any portion of the distribution system cross under any surface water body?

Answer Recorded No

Comments:

Notes:

Demerit Points: 0

Days to Correct Deficiency: 0

SDWIS Deficiency Description: L043

Sanitary Survey Category: FW

SDWIS Severity Code: Recommendation**Storage / ST001-SMALL GREEN TANK - (Active) / Maintenance**

Does the tank show evidence of mild deterioration or spalding? (ANSWER ONLY ONCE IN THIS SECTION)

Answer Recorded Yes

Comments: R309-545-9(1)

R309-545-9(1) states all water storage structures shall have suitable watertight roofs and sidewalls which shall also exclude birds, animals, insects, and excessive dust. No demerit points shall be assessed at this time, however, water system management should track and respond quickly to further deterioration.

Notes:

Demerit Points: 0

Days to Correct Deficiency: 0

SDWIS Deficiency Description: V020 STORAGE FACILITY SHOWS MILD DETERIORATION

Storage / ST002-LARGE GREEN TANK - (Active) / Maintenance

Does the tank show evidence of mild deterioration or spalding? (ANSWER ONLY ONCE IN THIS SECTION)

Answer Recorded Yes

Comments: R309-545-9(1)

R309-545-9(1) states all water storage structures shall have suitable watertight roofs and sidewalls which shall also exclude birds, animals, insects, and excessive dust. No demerit points shall be assessed at this time, however, water system management should track and respond quickly to further deterioration.

Notes:

Demerit Points: 0

Days to Correct Deficiency: 0

SDWIS Deficiency Description: V020 STORAGE FACILITY SHOWS MILD DETERIORATION

Sanitary Survey Category: FW

SDWIS Severity Code: Minor Deficiency**Storage / ST001-SMALL GREEN TANK - (Active) / Components**

Access opening covers at least 4 inches above the tank roof surface (18 inches above any earthen cover)?

Answer Recorded No

Comments: R309-545-15(1) **R309-545-15(1) states access opening be raised above the roof surface of the storage structure: 4 inches or 18 inches above any earthen cover. 3 demerit points. This deficiency should be corrected within 90 days.**

Notes: Lid is only 2 inches above surface, about the same as the shoebox lid.

Demerit Points: 3

Days to Correct Deficiency: 90

SDWIS Deficiency Description: V008 STORAGE ACCESS NOT A MIN. OF 4 IN ABOVE SURFACE

Storage / ST002-LARGE GREEN TANK - (Active) / Components

Access openings: Is the access of the shoe box type with a minimum of a 2 inch overlap?

Answer Recorded No

Comments: R309-545-14(2) **R309-545-14(2) states the frame of any access opening shall be provided with a close fitting solid shoebox type cover which extends down around the frame at least two inches and is furnished with a gasket(s) between the lid and frame. 3 demerit points. This deficiency should be corrected within 90 days.**

Notes: It is a shoebox with only a 1-inch overlap

Demerit Points: 3

Days to Correct Deficiency: 90

SDWIS Deficiency Description: V010 STORAGE FACILITY LACKS PROPER SHOEBOX ACCESS

Sanitary Survey Category: SM

SDWIS Severity Code: Recommendation**Management / Emergency Response**

Does your system have a written Emergency Response Plan? (Credit points given for "yes" answer)

Answer Recorded Yes**Comments:** R309-150-10(2)**A written Emergency Response Plan helps to protect the quality and quantity of water available to consumers. R309-150-10(2) allows 10 credit points to be issued.**

Notes:

Demerit Points: -10

Days to Correct Deficiency: 0

SDWIS Deficiency Description: M001 CURRENT EMERGENCY RESPONSE PROGRAM
