

Utah Department Of Environmental Quality

Division Of Drinking Water Sanitary Survey

November 12, 2023

Leeds Domestic Waterusers Association
PO BOX 460627
Leeds, UT 84746

Subject: Drinking Water Sanitary Survey Results for Leeds Domestic Waterusers Association,
System # 27010

I would like to thank Don Fawson, Mark Osmer and all involved for helping in conducting this sanitary survey of your drinking water system.

The Utah Division of Drinking Water's Improvement Priority System (IPS) Rule, R309-400, rates public drinking water systems. Points are assigned based on non compliance with the Drinking Water Rules. 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 (Non-Community 120, Transient 100). The accompanying Deficiency Report shows the noted deficiencies (if any). Deficiencies associated with inactive facilities show up on the accompanying Deficiency Report to act as a tracking tool and reminder but are considered "pending" and will not count against the system's total IPS points once entered into our database. If the facility were to become active in the future, the pending deficiencies will also become active. Your IPS report is available at waterlink.utah.gov and should be updated within a few days.

Attached are copies of the completed survey questions and resulting Deficiency Report, as well as the Capacity Calculations spreadsheet.

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 R309-215-16(3)(a)(v). Once the deficiency has been corrected (correction action) you must notify the Division and provide documentation of that correction within 30 days of the completing the correction. Failure to do so will result in a treatment technique violation as stated in R309-215-16(4)(a).

We encourage you to take the necessary actions to correct the noted deficiencies. Once the deficiencies are corrected, please coordinate with our office at ddwips@utah.gov so that we can delete the appropriate IPS points assigned for that deficiency. Please use your water system number in all your correspondence to our office.

Sincerely,

Blake Anderson
Surveyor

Enclosures: Sanitary Survey 2023

Cc: Jeremy Roberts, Southwest Utah Public Health Dept., jroberts@swuhealth.org
Paul Wright, District Engineer, DEQ, pwright@utah.gov
Mark Osmer, LDWAfieldops@infowest.com
Don Fawson, LDWA-Don@infowest.com
Doris McNally, LDWA-Doris@infowest.com

Utah Department Of Environmental Quality Division Of Drinking Water Sanitary Survey

Sanitary Survey

Site Visit Date	Surveyor Name
09/29/2023	Blake Anderson

LEEDS DOMESTIC WATER USERS ASSOCIATION	PWS ID: UTAH27010	Rating: Approved	11/15/1999	Active
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General System Information

1	<p>Admin Contact (AC) [eMail address is REQUIRED]</p> <p><i>MIN 15pts SM G004 R309-100-4(5) Rule requires a person or organization be designated as the owner of the system and name, address and phone number of such be supplied to the Division.</i></p>	<p>*First Name: DORIS</p> <p>*Last Name: MCNALLY</p> <p>*Organization:</p> <p>*Address: Redacted</p> <p>*City: LEEDS</p> <p>*State: UT</p> <p>*Zip: 84746</p> <p>*Email: ldwacorp@infowest.com</p> <p>*Phone: 435-879-0278</p> <p>Emergency Phone: 435-879-0278</p>
2	<p>Legal Contact (LC) [if no eMail address is available, enter NoeMail@utah.gov]</p> <p><i>MIN 15pts SM G004 R309-100-4(5) Rule requires a person or organization be designated as the owner of the system and name, address and phone number of such be supplied to the Division.</i></p>	<p>*First Name: Don</p> <p>*Last Name: Fawson</p> <p>*Organization:</p> <p>*Address: PO BOX 460627</p> <p>*City: LEEDS</p> <p>*State: UT</p> <p>*Zip: 84746</p> <p>*Email: ldwacorp@infowest.com</p> <p>*Phone: 435-879-0278</p> <p>Emergency Phone: 435-772-1970</p>

3	<p>Owner Contact (OW) [if no eMail address is available, enter NoeMail@utah.gov]</p> <p><i>MIN 15pts SM G004 R309-100-4(5) Rule requires a person or organization be designated as the owner of the system and name, address and phone number of such be supplied to the Division.</i></p>	<p>*First Name:</p> <p>*Last Name:</p> <p>*Organization: LEEDS DOMESTIC WUAXX</p> <p>*Address: PO BOX 460627</p> <p>*City: LEEDS</p> <p>*State: UT</p> <p>*Zip: 84746</p> <p>*Email: idwacorp@infowest.com</p> <p>*Phone: 435-879-0278</p>
4	<p>Direct Operator in Charge (DO) [if no eMail address is available, enter NoeMail@utah.gov]</p> <p><i>MIN 15pts SM G004 R309-100-4(5) Rule requires a person or organization be designated as the owner of the system and name, address and phone number of such be supplied to the Division.</i></p>	<p>*First Name: MARK W</p> <p>*Last Name: OSMER</p> <p>*Organization:</p> <p>*Address: PO BOX 460627</p> <p>*City: LEEDS</p> <p>*State: UT</p> <p>*Zip: 84746</p> <p>*Email: markosmer@live.com</p> <p>*Phone: 435-879-0278</p>
5	Does the system serve a Residential population?	Y
5A	Population - Residential	800
5B	Operating Period (Start Date) - Residential	01/01
5C	Operating Period (End Date) - Residential	12/31
6	Does the system serve a Transient population? (A transient population is a rotating population that is served by a water system that does not remain in the jurisdiction of the water system for long periods of time. Examples of a transient population include, but are not limited to, campers at a campground, users of a highway rest stop, skiers at a ski resort, guests at a hotel, or patrons of a restaurant or a shopping center.)	N
7	Does the system serve a Non-Transient population? (A non-transient population is a population served by a water system that is the same population being served by the system for at least six months of the year, but is not a resident in the system. Examples of a non-transient population include, but are not limited to, employees of a restaurant, shop, or ski resort; teachers and students at a school, day-care center, or church; doctors, nurses, and other employees at a hospital or healthcare clinic.)	N
8	Population - Wholesale :	0
9	Residential Connections:	359
10	Commercial Connections:	22
11	Industrial Connections:	1
12	Agricultural Connections:	0

Site Visit Info

13	Date of Survey (First Day of Field Work)	09/29/2023
14	Date of Survey (Last Day of Field Work) ** this should match the Date of Survey in the header **	09/29/2023
15	Date final report sent to system (questionnaire, deficiency report and capacity spreadsheet)	11/12/2023
16	Water system representative present during the survey:	yes
17	How much time was spent to prepare survey documents prior to field survey? (Round up to nearest quarter hour)	2 hours
18	How much time was spent to complete the field survey (arrival to completion; include travel time between water system facilities)? (Round up to nearest quarter hour)	3 hours
19	How much time was spent traveling from the office to system and back again at the end of the field survey? (Round up to nearest quarter hour)	2
20	How much time did it take to finish the Survey Report? (Round up to nearest quarter hour)	1.5 hours
21	Did you survey multiple water systems in one trip? ... if yes, answer the following question(s)	Y
21A	If yes, how many?	8

Management and Operations

22	For a community water system with water sources that require power to produce sufficient flow, system is equipped with standby power option. <i>SIG 25pts SO S033 R309-515-6(2)(a) Rule requires a community water system without naturally flowing water sources, such as springs or flowing wells, to have one or more of the system's sources equipped for operation during power outages. To ensure continuous service when the primary power has been interrupted, a redundant power supply is required. A redundant power supply may include a transfer switch for auxiliary power such as a generator or a power supply service with coverage from two independent substations. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
23	There are no undocumented drinking water facilities (i.e. tanks, pump stations, treatment facilities, etc.) or recent modifications that have not gone through or in process of DDW review [LIST UNDOCUMENTED FACILITIES OR DESCRIBE MODIFICATIONS, IF APPLICABLE] [undocumented sources are covered in a different question] <i>SIG 50pts SM G001 R309-100-5(2), R309-500-6, R309-500-9, R309-500-9(2) and (3) Rule requires complete plans & specification for all public drinking water projects to be approved in writing by the Director. Any facility found that has not started DDW review shall be considered unapproved. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
24	Are there any individual home booster pumps installed in the distribution system (not for fire suppression)? <i>SIG 50pts SM M008 R309-550-11(3) R309-550-11(3)</i>	C
25	Does the system haul water? ... if yes, answer the following question(s)	N

26	For a community system serving 100 or more connections, at least 2 water sources are available. <i>SIG 50pts SO TGR7 R309-515-4(3) Rule requires Community Water Systems serving more than 100 connections to have a minimum of two sources except where served by a water treatment plant. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
27	Does system have a consecutive connection to another water system not listed in the SOURCE section of Waterlink Report? If yes, answer the following question(s)	N
28	Does the system have a deficiency meeting the required source capacity? (USE SPREADSHEET FOR CALCULATIONS) *IF YES, SELECT CORRECT STATEMENT FROM THE FOLLOWING AND MARK "YES"; MARK ALL OTHER STATEMENTS "NO."	N
29	Does the system have a deficiency meeting the required storage capacity DUE SOLELY TO FIRE SUPPRESSION NEEDS? (USE SPREADSHEET FOR CALCULATIONS) *IF YES, SELECT CORRECT STATEMENT FROM THE FOLLOWING AND MARK "YES"; MARK ALL OTHER STATEMENTS "NO."	N
30	Does the system have a deficiency meeting the required equalization storage capacity for indoor/outdoor demands (but not because of fire suppression needs)? (USE SPREADSHEET FOR CALCULATIONS) *IF YES, SELECT CORRECT STATEMENT FROM THE FOLLOWING AND MARK "YES"; MARK ALL OTHER STATEMENTS "NO."	N
31	Does the system serve greater than 3,300 persons? ... if yes, answer the following question(s)	N

Cross Connection and Operator Certification

32	Legally adopted authority statement <i>MIN 15pts SM M003 R309-105-12(2) Rule requires each public water system to have a cross connection control program that includes a legally adopted and functional local authority to enforce the program (i.e., ordinance, bylaw, or policy).</i>	C
33	Documentation of annual public awareness and/or employee training <i>MIN 15pts SM M004 R309-105-12(2) Rule requires each public water system to have a cross connection control program that includes providing public education or awareness material or presentations.</i>	C
34	Documentation of personnel trained to manage the program (COMMUNITY WATER SYSTEMS POPULATION 500 AND ABOVE REQUIRE A DDW CERTIFIED CCC PROGRAM ADMINISTRATOR. ALL OTHER WATER SYSTEMS REQUIRE AT A MINIMUM BACKFLOW 101 OR EQUIVALENT/ GREATER CCC TRAINING) <i>MIN 15pts SM M005 R309-105-12(2) Rule requires each public water system to have a cross connection control program that includes an operator with adequate training in the area of cross connection control or backflow prevention.</i>	C
35	Does the water system have detailed records of cross connection control activities? (inventories of backflow assemblies, devices, and air gaps installed within the system) <i>MIN 15pts SM M006 R309-105-12(2) Rule requires each public water system to have a cross connection control program that includes written records of cross connection control activities.</i>	C
36	Does the water system have records of on-going enforcement activities? (test history, enforcement activities, hazard assessments) <i>MIN 15pts SM M007 R309-105-12(2) Rule requires each public water system to have a cross connection control program that includes test history and documentation of on-going enforcement activities.</i>	C

37	Operator meets required level of certification for water system. (IF NO CERTIFIED OPERATOR IS REQUIRED MARK COMPLIANT)	C
	<i>SIG 50pts OC C001 R309-105-11, R309-300-5(3) Rule requires every community and NTNC water system and public water systems that utilize treatment/filtration to have at least one operator certified at the classified grade of the water system. Certification must be appropriate for the type of system operated (treatment and/or distribution). This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
38	Certified operator is within 1 hour travel time of water system. (IF NO CERTIFIED OPERATOR IS REQUIRED MARK COMPLIANT)	C
	<i>MIN Opts OC C002 R309-300-5(14) Rule requires the operator to be within 1 hour travel time, under normal work and home conditions, of each drinking water system for which he is considered in direct responsible charge.</i>	

General Maintenance and Environment

39	Are there any visual indications of unsanitary conditions?	C
	<i>SIG 50pts SM M017 R309-200-6, R309-105-18, R309-215-4(3) R309-200-6 The Secondary Maximum Contaminant Levels for public water systems deals with substances which affect the aesthetic quality of drinking water. They are presented here as recommended limits or ranges and are not grounds for rejection. The taste of water may be unpleasant and the usefulness of the water may be impaired if these standards are significantly exceeded. R309-105-18 The Director or the local health department shall be informed by telephone by a water supplier of any "emergency situation". The term "emergency situation... R309-215-4(3) If the water fails to meet minimum standards, then certain public notification procedures shall be carried out, as outlined in R309-220. Water suppliers shall also keep analytical records in their possession, for a required length of time, as outlined in R309-105-17.</i>	

Distribution

40	No unprotected connection between the distribution system and a source of contamination. (If there is an unprotected connection, describe the location in detail.)	C
	<i>SIG 50pts DS D009 R309-550-5(11) R309-550-5(11)</i>	
41	Are air release/vacuum valves in the distribution system? ... if yes, answer the following question(s)	Y
41A	Open end of vent line covered with #14 mesh screen	C
	<i>SIG 25pts DS D004 R309-550-6(6)(b) Rule states the open end of the air relief vent pipe from automatic valves shall be provided with a #14 mesh, non-corrodible screen and a downward elbow, and where possible, be extended to at least one foot above grade. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	

41B	For a valve in a chamber, open end of vent pipe is at least 12 inches above grade or one foot above distribution line in a chamber that does not flood.	C
	<i>SIG 25pts DS D006 R309-550-6(6)(b) Rule states the open end of the air relief vent pipe from automatic valves shall be provided with a #14 mesh, non-corrodible screen and a downward elbow, and where possible, be extended to at least one foot above grade. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
41C	Chamber has drain to daylight, gravel-filled adsorption pit if not subject to flooding, or sump pump.	C
	<i>SIG 25pts DS D007 R309-550-6(6)(b) and (7)(b) Rule states chambers shall be provided with a drain to daylight, if possible. Where this is not possible, underground gravel-filled absorption pits may be used if the site is not subject to flooding and conditions will assure adequate drainage. Sump pumps may also be considered if a drain to daylight or absorption pit is not feasible. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
41D	Open end of vent line down-turned.	C
	<i>SIG 25pts DS D006 R309-550-6(6)(b) Rule states the open end of the air relief vent pipe from automatic valves shall be provided with a #14 mesh, non-corrodible screen and a downward elbow, and where possible, be extended to at least one foot above grade. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
42	Water system has a program to maintain, operate, or control the use of fire hydrants. <i>REC 0pts DS D012 N/A Fire hydrants provide a direct access to the water in the distribution system. In order to protect the quality and integrity of the water, fire hydrant access should be controlled.</i>	C
43	Blow offs or air release valves are not directly connected to a sanitary sewer line. <i>SIG 50pts DS D013 R309-550-6(5)(a), R309-550-6(6)(c) and (7)(a) Rule states blow-offs or air relief valves shall not be connected directly to a sewer. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
44	Blow offs or air release valves do not discharge below flood level in ditches or streams. <i>SIG 50pts DS D016 R309-550-9(1) and (2), R309-550-13(2) R309-550-9(1 & 3)</i>	C
45	All water mains installed after 1995 that provide fire flow are at least 8 inches in diameter. <i>MIN 15pts DS D019 R309-550-5(4) & (5) Rule states that the minimum line size serving a fire hydrant lateral shall be 8-inch diameter unless a hydraulic analysis indicates that required flow and pressures can be maintained by 6-inch lines.</i>	C
46	Distribution system capable of providing minimum pressure of 20 psi at all service connections. <i>SIG 50pts DS D003 R309-105-9, R309-550-5(1) Rule states the distribution system shall maintain minimum pressures as required by R309-105-9 at all points of connection under all flow conditions. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C

47 Was the water system constructed or new portions added after January 1, 2007? ... if yes, answer the following question(s) **Y**

47A Distribution system capable of maintaining the following pressures at all service connections: (a) 20 psi during fire flow and fire demand during peak day demand; (b) 30 psi during peak instantaneous demand; and (c) 40 psi during peak day demand. **C**

SIG | 50pts | DS | D010 | R309-105-9, R309-550-5(1) | Rule states that unless otherwise specifically approved by the Director, public water systems constructed after January 1, 2007, shall be designed and shall meet the following minimum water pressures at points of connection: (a) 20 psi during conditions of fire flow and fire demand experienced during peak day demand; (b) 30 psi during peak instantaneous demand; and (c) 40 psi during peak day demand. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.

General Disinfection

48 Water system follows AWWA disinfection procedures for new, repaired, or seasonal water mains and tanks. **C**

SIG | 25pts | MR | D018 | R309-550-8(10) | All new and repaired water mains and appurtenances shall be disinfected in accordance with AWWA Standard C651. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.

49 How often do you periodically disinfect any or all parts of your water system (i.e. batch disinfection) other than for repairs or maintenance? **C**

SIG | 50pts | SM | G006 | R309-105-6(1)(a), R309-500-6 | R309-105-6(1) Approval of Engineering Plans and Specifications
R309-500-6 Plan Approval Procedure.

WS005 - WELL NO. 3 - Proposed Source

50 Is this source in operation without an Operating Permit? **N**

SIG | 200pts | SO | S001 | R309-515-6(5), R309-515-7(4), R309-500-9(2) and (3) | R309-105-6(1) requires plans and specifications for all public drinking water projects to be approved in writing by the Director prior to the commencement of construction. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.

50A When is the anticipated date to request an Operating Permit? Explain in comments... **Unknown.**

WS001 - OAK GROVE SPRING - Active

51 Is this facility Active or Inactive? (Active status means used on a routine/seasonal basis without long periods of inactivity and water quality samples are routinely collected) **A**

52 Operating Period (Start Date) **01/01**

53 Operating Period (End Date) **12/31**

54	Undocumented sources shall not be physically connected to the drinking water system. (IF SOURCE IS NOT IN SYSTEM INVENTORY MARK "DEFICIENT") <i>SIG 200pts SO S001 R309-515-6(5), R309-515-7(4), R309-500-9(2) and (3) R309-105-6(1) requires plans and specifications for all public drinking water projects to be approved in writing by the Director prior to the commencement of construction. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
55	Area of equal or higher elevation within 50 feet of spring collection devices is fenced. <i>MIN 15pts SO SS02 R309-515-7(7)(e) Rule requires a stock-tight fence around the spring collection area.</i>	C
56	Surface water runoff diverted away from spring by diversion channel or berm. <i>MIN 15pts SO SS03 R309-515-7(7)(g) Rule requires a diversion channel or berm, constructed immediately inside the fenced area, capable of diverting all anticipated surface water runoff away from the spring collection area.</i>	C
57	Spring box has a means to release overflow? <i>MIN 15pts SO SS23 R309-515-7(7)(d), R309-545-13(1) All junction boxes and collection boxes, must comply with R309-545 with respect to access openings, venting, and tank overflow. Lids for these spring boxes shall be gasketed and the box adequately vented.</i>	Y
57A	Overflow screened with #4 mesh screen <i>SIG 25pts SO SS04 R309-515-7(7)(d), R309-545-13(3) Overflow pipes on junction and collection boxes shall comply with R309-545 and be screened with No. 4 mesh non-corrodible screens. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
57B	Overflow has a minimum of 12 inch clearance above flood rim of receiving basin <i>SIG 25pts SO SS14 R309-515-7(7)(d), R309-545 Overflow pipes on junction and collection boxes shall comply with R309-545 and discharge a minimum of 12 inches above the ground surface or rim of the receiving basin. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
58	Drain has minimum of 12 inch clearance above flood rim of receiving basin <i>SIG 25pts SO SS14 R309-515-7(7)(d), R309-545 Overflow pipes on junction and collection boxes shall comply with R309-545 and discharge a minimum of 12 inches above the ground surface or rim of the receiving basin. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
59	Spring collection area graded and no evidence of water ponding or flow on surface? <i>SIG 25pts SO SS06 R309-515-7(7)(i) Rule requires the spring to be developed as thoroughly as possible to minimize the possibility of excess water ponding within the collection area. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C

60	If a liner is present, spring liner integrity is maintained. <i>SIG 50pts SO SS19 R309-515-7(7)(b)(iv) If a liner is present, it shall be installed to assure its integrity. No sharp-edged stones or stones two inches or larger shall be located within two inches of the liner. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
61	No deep-rooted vegetation is within the 50 ft collection area. <i>SIG 25pts SO SS07 R309-515-7(7)(f) All deep-rooted vegetation within the fenced collection area shall be removed by a means not negatively affecting water quality. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
62	No roots seen in collection boxes and junctions. <i>SIG 25pts SO SS08 R309-105-10(4)(a), R309-515-8(1)(a) Spring collection areas shall be periodically (preferably annually) cleared of deep-rooted vegetation to prevent root growth from clogging collection lines. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
63	Is a spring collection box present? ... if yes, answer the following question(s) <i>MIN 5pts SO L014 R309-515-7(7)(c) Rule requires each spring collection area to be provided with at least one collection box to permit spring inspection and testing.</i>	Y
63A	Spring box has shoe box type lid with 2 inch overlap around frame <i>SIG 25pts SO SS09 R309-515-7(7)(d), R309-545-14 (2) Access openings shall comply with R309-545 and be provided with a close-fitting, solid shoebox-type cover that extends down around the frame at least 2 inches. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
63B	Spring box lid is gasketed <i>SIG 25pts SO SS10 R309-515-7(7)(d), R309-545-14 (2) Access openings shall comply with R309-545 and be provided with a cover furnished with a gasket between the lid and frame. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
63C	Spring box lid does not show evidence of a vacuum. <i>MIN 5pts SO SS11 R309-515-7(7)(d), R309-545-15 Rule requires junction boxes and collection boxes to comply with R309-545 with respect to venting. Therefore, a junction or collection box requires a vent to be fitted with #14 mesh or finer non-corrodible screen, be fitted with a protective heavy-gauge screen or covering if 6 inches in diameter or greater, be down-turned and shielded to prevent the entrance of contaminants, be located and sized to avoid blockage during winter, and have the end of the vent discharge a minimum of 24 inches above the earth on buried structures.</i>	C
63D	Spring box opening is at least 4 inches above the surface of the box or 18 inches above an earthen cover if the box is buried. <i>MIN 15pts SO SS12 R309-515-7(7)(d), R309-545-14 (1), Access openings shall comply with R309-545 and be framed at least 4 inches above the surface of the spring box roof at the opening or 18 inches above the ground surface on a buried spring box.</i>	C

63E	<p>Spring box lid is locked</p> <p>SIG 25pts SO SS13 R309-515-7(7)(d), R309-545-14 (3) Access openings shall comply with R309-545 and the lids to the openings shall be locked. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</p>	C
63F	<p>All openings/penetrations in the spring collection box are sealed.</p> <p>SIG 50pts SO SS20 R309-515-7(7)(d), R309-545-9(1) and (2) All junction and collection boxes shall comply with R309-545 and shall have suitable watertight roofs and sidewalls that exclude birds, animals, insects, and excessive dust. All openings shall be kept to a minimum and be watertight. Pipes that may contain water of lesser quality than drinking water shall not penetrate the spring box. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</p>	C
64	<p>Is a spring box vent present? ... if yes, answer the following question(s)</p> <p>MIN 5pts SO SS11 R309-515-7(7)(d), R309-545-15 Rule requires junction boxes and collection boxes to comply with R309-545 with respect to venting. Therefore, a junction or collection box requires a vent to be fitted with #14 mesh or finer non-corrodible screen, be fitted with a protective heavy-gauge screen or covering if 6 inches in diameter or greater, be down-turned and shielded to prevent the entrance of contaminants, be located and sized to avoid blockage during winter, and have the end of the vent discharge a minimum of 24 inches above the earth on buried structures.</p>	Y
64A	<p>Vent is down-turned.</p> <p>SIG 25pts SO SS16 R309-515-7(7)(d), R309-545-15(1) All vents on junction and collection boxes shall comply with R309-545 and be downturned a minimum of 2 inches below any opening and shielded to prevent the entrance of contaminants. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</p>	C
64B	<p>Vent has #14 or finer non-corrodible mesh screen and a protective screen/covering if 6-inch diameter or greater.</p> <p>SIG 25pts SO SS17 R309-515-7(7)(d), R309-545-15(4) and (5) All vents on junction and collection boxes shall comply with R309-545 and be fitted with No. 14 or finer non-corrodible mesh screen. Vents 6-inch diameter or larger shall be fitted with additional heavy gage screen or substantial covering to protect the No. 14 mesh screen. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</p>	C
64C	<p>End of vent has sufficient clearance to prevent ice/snow blockage or is at least 24 inches above the earthen cover</p> <p>SIG 25pts SO SS18 R309-515-7(7)(d), R309-545-15(2) and (3) All vents on junction and collection boxes shall comply with R309-545 and shall be located and sized to avoid blockage during winter. The end of a vent on a buried spring box shall discharge a minimum of 24 inches above the ground. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</p>	C

65	Spring has a permanent flow-measuring device. <i>MIN 5pts SO SS01 R309-515-7(7)(h) Rule requires a spring to have a permanent flow measuring device.</i>	C
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WS002 - LEEDS WELL - Active

66	Is this facility Active or Inactive?	A
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67	Operating Period (Start Date)	01/01
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68	Operating Period (Ending Date)	12/31
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69	Undocumented sources shall not be physically connected to the drinking water system. (IF SOURCE IS NOT IN SYSTEM INVENTORY MARK "DEFICIENT") <i>SIG 200pts SO S001 R309-515-6(5), R309-515-7(4), R309-500-9(2) and (3) R309-105-6(1) requires plans and specifications for all public drinking water projects to be approved in writing by the Director prior to the commencement of construction. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
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70	Well casing is at least 18 inches above finished ground surface and 12 inches above well house floor. <i>SIG 25pts SO S003 R309-515-6(6)(b)(vi), R309-515-6(12)(c)(ii), R309-515-6(13)(a) Rule requires the permanent well casing to project at least 18 inches above the final ground surface and 12 inches above the pump house floor; at sites subject to flooding, the top of the casing must terminate at least 3 feet above the 100-year flood level or highest known flood elevation, whichever is higher. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
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71	Wellhead is sealed to prevent contamination. <i>SIG 50pts SO S013 R309-515-6(6)(i) R309-515-6(6)(i) and R309-515-6(12)(b,c,d) require a sanitary seal be installed and maintained at the wellhead and discharge piping. This significant deficiency should be corrected within 120 days of notification or have a corrective action plan approved by</i>	C
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72	Is the well casing vented? ... if yes, answer the following question(s)	Y
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72A	Vent screened with #14 mesh screen <i>SIG 25pts SO S006 R309-515-6(12)(d)(iii) Guidance states provisions should be made for venting the well casing, however if vented R309-515-6(12)(d)(iii) and R309-550-6(6)(a) require vents be fitted with a #14 mesh or finer non-corrodible screen.</i>	C
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72B	Vent down-turned <i>SIG 25pts SO S007 R309-515-6(12)(d)(iii) Guidance states provisions should be made for venting the well casing, however if vented R309-515-6(12)(d)(iii) and R309-550-6(6)(b) requires vents be downturned or shielded to prevent the entrance of surface water or rainwater.</i>	C
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72C	Vent has adequate clearance to prevent contamination from entering the well <i>SIG 25pts SO S008 R309-515-6(12)(d)(iii) Guidance states provisions should be made for venting the well casing, however if vented R309-515-6(12)(d)(iii) and R309-550-6(6)(b) requires vents be terminated with a discharge with an appropriate air gap.</i>	C
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73	Does the well have a pump to waste line? ... if yes, answer the following question(s)	Y
73A	<p>Pump to waste line discharges with a minimum of 12-inch clearance to flood rim</p> <p><i>SIG 25pts SO S009 R309-515-6(12)(d)(ix) Rule requires a pump-to-waste line connected to a sewer/storm drain to have a minimum 12-inch clearance to the flood rim. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i></p>	C
73B	<p>Pump to waste line equipped with #4 non-corrodible mesh screen</p> <p><i>SIG 25pts SO S010 R309-515-6(12)(d)(ix) The discharge end of the pump-to-waste line shall be covered with a No. 4 mesh corrosion-resistant screen. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i></p>	C
73C	<p>Pump to waste line downturned if it discharges to sewer/storm drain or allowing complete drainage if not downturned</p> <p><i>SIG 25pts SO S011 R309-515-6(12)(d)(ix) The discharge end of the pump-to-waste line shall be downturned. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i></p>	C
74	<p>Provisions available to periodically measure water levels</p> <p><i>MIN 5pts SO S015 R309-515-6(12)(e), R309-515-6(12)(c)(vi) Rule requires provisions be made to permit periodic measurement of water levels in the completed well.</i></p>	C
75	<p>Wellhead secured to protect quality water</p> <p><i>SIG 25pts SO S002 R309-105-10(5) All water system facilities shall be secure. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i></p>	C
76	<p>Well head or well house and equipment protected from flooding</p> <p><i>SIG 25pts SO S020 R309-515-6(6)(b)(vi), R309-515-6(12)(d)(iii), R309-515-6(13)(a) to (d) Top of well casing shall terminate at least 18" above ground level or 12" above well house floor and for sites that flood at least 3' above 100-year flood level or highest known flood elevation. Well casing terminating in underground vault shall have a drain to daylight and surface runoff directed away from vault access. Well house floor shall be sloped for drainage, and have a drain to daylight unless highly impractical. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i></p>	C
77	<p>There are no unprotected cross-connections in well discharge piping.</p> <p><i>SIG 50pts SO S021 R309-105-12(1), R309-515-6(12)(d)(iii) Rule requires the well discharge piping to be protected against the entrance of contamination. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i></p>	C
78	<p>No toxic chemicals, hazardous or flammable materials, or lubricants inside the well house or near well head?</p> <p><i>MIN 15pts TR TGR9 R309-105-7 & 8, R309-100 through 605 Trigger for regulatory followup to address concerns.</i></p>	C

79	Well discharge line has a smooth-nosed sampling tap, which samples the well water before any chemical injection. (first item from the wellhead). <i>MIN 5pts SO S023 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve. (smooth nosed sampling tap being the first item from the well head and the shut-off valve as the last item)</i>	C (Notes: 11/15/2023 Tap installed) D (Notes: Sampling tap is at the end of the line.)
80	Well discharge line has a check valve. <i>MIN 5pts SO S024 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with (in order of placement from the wellhead) a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve.</i>	C (Notes: 11/15/2023 Check valve is present, missed during inspection) D (Notes: No check valve.)
81	Well discharge line has a pressure gauge. <i>MIN 5pts SO S025 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with (in order of placement from the wellhead) a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve.</i>	C
82	Well discharge line has a means to measure flow. <i>MIN 5pts SO S026 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with (in order of placement from the wellhead) a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve.</i>	C
83	Well discharge line has a shut-off valve (last item from the well head). <i>MIN 5pts SO S027 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with (in order of placement from the wellhead) a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve.</i>	C
84	Is there an air/vac valve on the well discharge line? If yes, answer the following question(s)	Y
84A	Air vacuum relief valve on well discharge piping downturned <i>SIG 25pts SO S028 R309-515-6(12)(d)(v) Rule requires the exhaust/relief piping on an air release/vacuum relief valve on the well discharge piping to be down-turned. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
84B	Air vacuum relief valve on well discharge piping screened with #14 mesh screen <i>SIG 25pts SO S029 R309-515-6(12)(d)(v) Rule requires the exhaust/relief piping on an air release/vacuum relief valve on the well discharge piping to be covered with a #14 mesh corrosion-resistant screen. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
84C	Air vacuum relief valve on well discharge piping has at least 6 inches of clearance above floor <i>SIG 25pts SO S030 R309-515-6(12)(d)(v) Rule requires the exhaust/relief piping on an air release/vacuum relief valve on the well discharge piping to be at least 6 inches above the well house floor. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C

85	Wells that pump directly into a distribution system have means to release trapped air from pump discharge piping (for example, pumps directly to a tank, has an air release valve or pump to waste line)	C
	<i>MIN 5pts SO SL01 R309-515-6(12)(d)(v) Rule requires a well that pumps directly into the distribution system be equipped with an air release/vacuum relief valve located upstream of the check valve, unless the wellhead valve and piping provide for pumping to waste all trapped air before water is introduced into the distribution system.</i>	
86	Does well require oil-lubrication?	N
WS003 - EL DORADO WELL -		
87	Is this facility Active or Inactive?	I
87A	Explain why this facility is Inactive (Is this facility in stand-by mode?)	Abandoned
88	Operating Period (Start Date)	01/01
89	Operating Period (Ending Date)	01/01
90	Undocumented sources shall not be physically connected to the drinking water system. (IF SOURCE IS NOT IN SYSTEM INVENTORY MARK "DEFICIENT")	C
	<i>SIG 200pts SO S001 R309-515-6(5), R309-515-7(4), R309-500-9(2) and (3) R309-105-6(1) requires plans and specifications for all public drinking water projects to be approved in writing by the Director prior to the commencement of construction. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
91	Well casing is at least 18 inches above finished ground surface and 12 inches above well house floor.	NA (Notes: Abandoned)
	<i>SIG 25pts SO S003 R309-515-6(6)(b)(vi), R309-515-6(12)(c)(ii), R309-515-6(13)(a) Rule requires the permanent well casing to project at least 18 inches above the final ground surface and 12 inches above the pump house floor; at sites subject to flooding, the top of the casing must terminate at least 3 feet above the 100-year flood level or highest known flood elevation, whichever is higher. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
92	Wellhead is sealed to prevent contamination.	NA (Notes: Abandoned)
	<i>SIG 50pts SO S013 R309-515-6(6)(i) R309-515-6(6)(i) and R309-515-6(12)(b,c,d) require a sanitary seal be installed and maintained at the wellhead and discharge piping. This significant deficiency should be corrected within 120 days of notification or have a corrective action plan approved by</i>	
93	Is the well casing vented? ... if yes, answer the following question(s)	Y
93A	Vent screened with #14 mesh screen	NA (Notes: Abandoned)
	<i>SIG 25pts SO S006 R309-515-6(12)(d)(iii) Guidance states provisions should be made for venting the well casing, however if vented R309-515-6(12)(d)(iii) and R309-550-6(6)(a) require vents be fitted with a #14 mesh or finer non-corrodible screen.</i>	

93B	Vent down-turned <i>SIG 25pts SO S007 R309-515-6(12)(d)(iii) Guidance states provisions should be made for venting the well casing, however if vented R309-515-6(12)(d)(iii) and R309-550-6(6)(b) requires vents be downturned or shielded to prevent the entrance of surface water or rainwater.</i>	NA (Notes: Abandoned)
93C	Vent has adequate clearance to prevent contamination from entering the well <i>SIG 25pts SO S008 R309-515-6(12)(d)(iii) Guidance states provisions should be made for venting the well casing, however if vented R309-515-6(12)(d)(iii) and R309-550-6(6)(b) requires vents be terminated with a discharge with an appropriate air gap.</i>	NA (Notes: Abandoned)
94	Does the well have a pump to waste line? ... if yes, answer the following question(s)	N
95	Provisions available to periodically measure water levels <i>MIN 5pts SO S015 R309-515-6(12)(e), R309-515-6(12)(c)(vi) Rule requires provisions be made to permit periodic measurement of water levels in the completed well.</i>	NA (Notes: Abandoned)
96	Wellhead secured to protect quality water <i>SIG 25pts SO S002 R309-105-10(5) All water system facilities shall be secure. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	NA (Notes: Abandoned)
97	Well head or well house and equipment protected from flooding <i>SIG 25pts SO S020 R309-515-6(6)(b)(vi), R309-515-6(12)(d)(iii), R309-515-6(13)(a) to (d) Top of well casing shall terminate at least 18" above ground level or 12" above well house floor and for sites that flood at least 3' above 100-year flood level or highest known flood elevation. Well casing terminating in underground vault shall have a drain to daylight and surface runoff directed away from vault access. Well house floor shall be sloped for drainage, and have a drain to daylight unless highly impractical. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	NA (Notes: Abandoned)
98	There are no unprotected cross-connections in well discharge piping. <i>SIG 50pts SO S021 R309-105-12(1), R309-515-6(12)(d)(iii) Rule requires the well discharge piping to be protected against the entrance of contamination. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	NA (Notes: Abandoned)
99	No toxic chemicals, hazardous or flammable materials, or lubricants inside the well house or near well head? <i>MIN 15pts TR TGR9 R309-105-7 & 8, R309-100 through 605 Trigger for regulatory followup to address concerns.</i>	NA (Notes: Abandoned)
100	Well discharge line has a smooth-nosed sampling tap, which samples the well water before any chemical injection. (first item from the wellhead). <i>MIN 5pts SO S023 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve. (smooth nosed sampling tap being the first item from the well head and the shut-off valve as the last item)</i>	NA (Notes: Abandoned)

101	Well discharge line has a check valve. <i>MIN 5pts SO S024 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with (in order of placement from the wellhead) a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve.</i>	NA (Notes: Abandoned)
102	Well discharge line has a pressure gauge. <i>MIN 5pts SO S025 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with (in order of placement from the wellhead) a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve.</i>	NA (Notes: Abandoned)
103	Well discharge line has a means to measure flow. <i>MIN 5pts SO S026 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with (in order of placement from the wellhead) a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve.</i>	NA (Notes: Abandoned)
104	Well discharge line has a shut-off valve (last item from the well head). <i>MIN 5pts SO S027 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with (in order of placement from the wellhead) a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve.</i>	NA (Notes: Abandoned)
105	Is there an air/vac valve on the well discharge line? If yes, answer the following question(s)	N
106	Wells that pump directly into a distribution system have means to release trapped air from pump discharge piping (for example, pumps directly to a tank, has an air release valve or pump to waste line) <i>MIN 5pts SO SL01 R309-515-6(12)(d)(v) Rule requires a well that pumps directly into the distribution system be equipped with an air release/vacuum relief valve located upstream of the check valve, unless the wellhead valve and piping provide for pumping to waste all trapped air before water is introduced into the distribution system.</i>	NA (Notes: Abandoned)
107	Does well require oil-lubrication?	N
WS004 - WELL NO. 2 -		
108	Is this facility Active or Inactive?	I
108A	Explain why this facility is Inactive (Is this facility in stand-by mode?)	Abandoned
109	Operating Period (Start Date)	01/01
110	Operating Period (Ending Date)	12/31
111	Undocumented sources shall not be physically connected to the drinking water system. (IF SOURCE IS NOT IN SYSTEM INVENTORY MARK "DEFICIENT") <i>SIG 200pts SO S001 R309-515-6(5), R309-515-7(4), R309-500-9(2) and (3) R309-105-6(1) requires plans and specifications for all public drinking water projects to be approved in writing by the Director prior to the commencement of construction. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	NA (Notes: Abandoned)

112	Well casing is at least 18 inches above finished ground surface and 12 inches above well house floor. <i>SIG 25pts SO S003 R309-515-6(6)(b)(vi), R309-515-6(12)(c)(ii), R309-515-6(13)(a) Rule requires the permanent well casing to project at least 18 inches above the final ground surface and 12 inches above the pump house floor; at sites subject to flooding, the top of the casing must terminate at least 3 feet above the 100-year flood level or highest known flood elevation, whichever is higher. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	NA (Notes: Abandoned)
113	Wellhead is sealed to prevent contamination. <i>SIG 50pts SO S013 R309-515-6(6)(i) R309-515-6(6)(i) and R309-515-6(12)(b,c,d)require a sanitary seal be installed and maintained at the wellhead and discharge piping. This significant deficiency should be corrected within 120 days of notification or have a corrective action plan approved by</i>	NA (Notes: Abandoned)
114	Is the well casing vented? ... if yes, answer the following question(s)	N
115	Does the well have a pump to waste line? ... if yes, answer the following question(s)	N
116	Provisions available to periodically measure water levels <i>MIN 5pts SO S015 R309-515-6(12)(e), R309-515-6(12)(c)(vi) Rule requires provisions be made to permit periodic measurement of water levels in the completed well.</i>	NA (Notes: Abandoned)
117	Wellhead secured to protect quality water <i>SIG 25pts SO S002 R309-105-10(5) All water system facilities shall be secure. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	NA (Notes: Abandoned)
118	Well head or well house and equipment protected from flooding <i>SIG 25pts SO S020 R309-515-6(6)(b)(vi), R309-515-6(12)(d)(iii), R309-515-6(13)(a) to (d) Top of well casing shall terminate at least 18" above ground level or 12" above well house floor and for sites that flood at least 3' above 100-year flood level or highest known flood elevation. Well casing terminating in underground vault shall have a drain to daylight and surface runoff directed away from vault access. Well house floor shall be sloped for drainage, and have a drain to daylight unless highly impractical. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	NA (Notes: Abandoned)
119	There are no unprotected cross-connections in well discharge piping. <i>SIG 50pts SO S021 R309-105-12(1), R309-515-6(12)(d)(iii) Rule requires the well discharge piping to be protected against the entrance of contamination. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	NA (Notes: Abandoned)
120	No toxic chemicals, hazardous or flammable materials, or lubricants inside the well house or near well head? <i>MIN 15pts TR TGR9 R309-105-7 & 8, R309-100 through 605 Trigger for regulatory followup to address concerns.</i>	NA (Notes: Abandoned)

121	Well discharge line has a smooth-nosed sampling tap, which samples the well water before any chemical injection. (first item from the wellhead). <i>MIN 5pts SO S023 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve. (smooth nosed sampling tap being the first item from the well head and the shut-off valve as the last item)</i>	NA (Notes: Abandoned)
122	Well discharge line has a check valve. <i>MIN 5pts SO S024 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with (in order of placement from the wellhead) a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve.</i>	NA (Notes: Abandoned)
123	Well discharge line has a pressure gauge. <i>MIN 5pts SO S025 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with (in order of placement from the wellhead) a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve.</i>	NA (Notes: Abandoned)
124	Well discharge line has a means to measure flow. <i>MIN 5pts SO S026 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with (in order of placement from the wellhead) a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve.</i>	NA (Notes: Abandoned)
125	Well discharge line has a shut-off valve (last item from the well head). <i>MIN 5pts SO S027 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with (in order of placement from the wellhead) a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve.</i>	NA (Notes: Abandoned)
126	Is there an air/vac valve on the well discharge line? If yes, answer the following question(s)	N
127	Wells that pump directly into a distribution system have means to release trapped air from pump discharge piping (for example, pumps directly to a tank, has an air release valve or pump to waste line) <i>MIN 5pts SO SL01 R309-515-6(12)(d)(v) Rule requires a well that pumps directly into the distribution system be equipped with an air release/vacuum relief valve located upstream of the check valve, unless the wellhead valve and piping provide for pumping to waste all trapped air before water is introduced into the distribution system.</i>	NA (Notes: Abandoned)
128	Does well require oil-lubrication?	N
ST001 - 060-1 - Active		
129	Is this facility Active or Inactive?	A
130	There are no undocumented drinking water facilities (i.e. tanks, pump stations, treatment facilities, etc.) or recent modifications that have not gone through DDW review <i>SIG 50pts SM G001 R309-100-5(2), R309-500-6, R309-500-9, R309-500-9(2) and (3) Rule requires complete plans & specification for all public drinking water projects to be approved in writing by the Director. Any facility found that has not started DDW review shall be considered unapproved. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C

131	Storage tank capacity in gallons (from SDWIS; if different explain why in the comments)	60000
132	Ladders, ladder guards, platform railings, or safely located entrance hatches are provided. <i>MIN 15pts FW V004 R309-545-18 Rule requires ladders, ladder guards, platform railings, and safely located entrance hatches where applicable for water storage tanks and requires safety practices to conform to pertinent laws and regulations of the Utah Occupational Safety and Health Division.</i>	C
133	Tank is vented. <i>SIG 25pts FW VL02 R309-545-15 Rule requires drinking water storage tanks to be vented. Overflows cannot be considered or used as vents. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
134	Are air vents present? ... if yes, answer the following question(s)	Y
134A	Vent is either down-turned or shielded from contaminants (at least 2 inches below the bottom of the opening) <i>SIG 25pts FW V005 R309-545-15(1) Rule requires inverted vents on water storage tanks to be down-turned a minimum of 2 inches below any opening and shielded to prevent the entrance of contaminants. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
134B	End of vent terminates at least 24 inches above earthen cover (buried tank) and is located and sized to avoid blockage during winter. <i>MIN 15pts FW V006 R309-545-15(2) For buried structures, the rule requires the end of the vent discharge to be a minimum of 24 inches above the earthen covering.</i>	C
134C	Vent covered with #14 or finer non-corrodible mesh screen. <i>SIG 25pts FW V007 R309-545-15(4) Rule requires a water storage tank vent to be fitted with #14 mesh or finer non-corrodible screen and vents 6-inches or greater in diameter to be fitted with additional heavy gauge screen or substantial covering to protect the #14 mesh screen from vandalism or damage. This significant deficiency must be corrected within 120 days of notification or have a compliance action plan approved by DDW.</i>	C
134D	Vent 6-inch diameter and larger protected with additional heavy-gauge screen or substantial covering. <i>MIN 5pts FW V035 R309-545-15(5) Rule requires vents that are 6-inch diameter or greater to be fitted with additional heavy gauge screen or substantial covering, which will protect the No. 14 mesh screen against vandalism or damage.</i>	C
135	Are access openings present? ... if yes, answer the following question(s) <i>MIN 15pts FW VL03 R309-545-14 and 14(1) Rule requires drinking water storage tanks to be designed with reasonably convenient access to the interior for cleaning and maintenance.</i>	Y

135A	Access opening framed at least 4 inches above roof surface or 18 inches above earthen cover. <i>MIN 15pts FW V008 R309-545-14(1) Rule requires tank access opening to be framed at least 4 inches above the surface of the roof, or on a buried tank, to be at least 18 inches above any earthen cover over the tank.</i>	C
135B	Access opening shoe box type with at least 2 inches of overlap <i>SIG 25pts FW V010 R309-545-14(2) Rule requires the frame of an access opening to 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. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
135C	Access opening lid properly gasketed <i>SIG 25pts FW V009 R309-545-14(2) Rule requires the access opening to a tank to be furnished with a gasket between the lid and frame. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
136	Access opening locked <i>SIG 25pts FW V029 R309-545-14(3) Rule requires the lid to any access opening to have a locking device. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
137	Roof or wall penetrations sealed <i>SIG 100pts FW V017 R309-545-6(1) and 545-9 Rule requires openings in a storage tank roof or top, designed to accommodate control apparatus or pump columns, to be welded, gasketed, or curbed and sleeved and to have additional proper shielding to prevent vandalism. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
138	Area surrounding ground-level or buried storage tank is graded to prevent surface water from standing within 50 feet. <i>SIG 25pts TR V001 R309-545-7(4) Rule requires the area surrounding a ground-level or buried water storage tank be graded in a manner to prevent surface water from standing within 50 feet of the tank. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
139	Storage tank roof is sloped to prevent ponding <i>MIN 15pts FW V003 R309-545-9(4) Rule requires drainage of storage tank roofs to eliminate water ponding.</i>	C
140	Are there cracks in the walls or roof of the storage tank? (if yes, select only one of the following options)	N
141	Is a tank overflow present? ... if yes, answer the following question(s) <i>SIG 25pts FW VL01 R309-545-13 Rule requires all storage tanks to be provided with an overflow that discharges at an an elevation between 12 and 24 inches above the ground surface or the rim of the receiving basin. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	Y

141A	Overflow line discharges at least 12 inches above ground or the flood rim of receiving basin? <i>SIG 25pts FW V011 R309-545-13 Rule requires all water storage tanks to be provided with an overflow that discharges at an elevation between 12 and 24 inches above the ground surface or the rim of the receiving basin.</i>	C
141B	Overflow line covered with #4 mesh non-corrodible screen <i>SIG 25pts FW V012 R309-545-13(3) Rule requires overflow pipes to be screened with #4 mesh non-corrodible screens installed at a location least susceptible to damage by vandalism. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
141C	Overflow line connected or discharges to a sanitary sewer drain? <i>SIG 50pts FW V013 R309-545-13(5) Rule prohibits overflow pipes from connecting to, or discharging into, a sanitary sewer system. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
142	Are the drain line and overflow combined?	Y
ST002 - 030-2 - Active		
143	Is this facility Active or Inactive?	A
144	There are no undocumented drinking water facilities (i.e. tanks, pump stations, treatment facilities, etc.) or recent modifications that have not gone through DDW review <i>SIG 50pts SM G001 R309-100-5(2), R309-500-6, R309-500-9, R309-500-9(2) and (3) Rule requires complete plans & specification for all public drinking water projects to be approved in writing by the Director. Any facility found that has not started DDW review shall be considered unapproved. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
145	Storage tank capacity in gallons (from SDWIS; if different explain why in the comments)	30000
146	Ladders, ladder guards, platform railings, or safely located entrance hatches are provided. <i>MIN 15pts FW V004 R309-545-18 Rule requires ladders, ladder guards, platform railings, and safely located entrance hatches where applicable for water storage tanks and requires safety practices to conform to pertinent laws and regulations of the Utah Occupational Safety and Health Division.</i>	C
147	Tank is vented. <i>SIG 25pts FW VL02 R309-545-15 Rule requires drinking water storage tanks to be vented. Overflows cannot be considered or used as vents. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
148	Are air vents present? ... if yes, answer the following question(s)	Y

148A	Vent is either down-turned or shielded from contaminants (at least 2 inches below the bottom of the opening)	C
	<i>SIG 25pts FW V005 R309-545-15(1) Rule requires inverted vents on water storage tanks to be down-turned a minimum of 2 inches below any opening and shielded to prevent the entrance of contaminants. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
148B	End of vent terminates at least 24 inches above earthen cover (buried tank) and is located and sized to avoid blockage during winter.	C
	<i>MIN 15pts FW V006 R309-545-15(2) For buried structures, the rule requires the end of the vent discharge to be a minimum of 24 inches above the earthen covering.</i>	
148C	Vent covered with #14 or finer non-corrodible mesh screen.	C
	<i>SIG 25pts FW V007 R309-545-15(4) Rule requires a water storage tank vent to be fitted with #14 mesh or finer non-corrodible screen and vents 6-inches or greater in diameter to be fitted with additional heavy gauge screen or substantial covering to protect the #14 mesh screen from vandalism or damage. This significant deficiency must be corrected within 120 days of notification or have a compliance action plan approved by DDW.</i>	
148D	Vent 6-inch diameter and larger protected with additional heavy-gauge screen or substantial covering.	C
	<i>MIN 5pts FW V035 R309-545-15(5) Rule requires vents that are 6-inch diameter or greater to be fitted with additional heavy gauge screen or substantial covering, which will protect the No. 14 mesh screen against vandalism or damage.</i>	
149	Are access openings present? ... if yes, answer the following question(s)	Y
	<i>MIN 15pts FW VL03 R309-545-14 and 14(1) Rule requires drinking water storage tanks to be designed with reasonably convenient access to the interior for cleaning and maintenance.</i>	
149A	Access opening framed at least 4 inches above roof surface or 18 inches above earthen cover.	C
	<i>MIN 15pts FW V008 R309-545-14(1) Rule requires tank access opening to be framed at least 4 inches above the surface of the roof, or on a buried tank, to be at least 18 inches above any earthen cover over the tank.</i>	
149B	Access opening shoe box type with at least 2 inches of overlap	C
	<i>SIG 25pts FW V010 R309-545-14(2) Rule requires the frame of an access opening to 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. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
149C	Access opening lid properly gasketed	C
	<i>SIG 25pts FW V009 R309-545-14(2) Rule requires the access opening to a tank to be furnished with a gasket between the lid and frame. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	

150	Access opening locked	C
	<i>SIG 25pts FW V029 R309-545-14(3) Rule requires the lid to any access opening to have a locking device. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
151	Roof or wall penetrations sealed	C
	<i>SIG 100pts FW V017 R309-545-6(1) and 545-9 Rule requires openings in a storage tank roof or top, designed to accommodate control apparatus or pump columns, to be welded, gasketed, or curbed and sleeved and to have additional proper shielding to prevent vandalism. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
152	Area surrounding ground-level or buried storage tank is graded to prevent surface water from standing within 50 feet.	C
	<i>SIG 25pts TR V001 R309-545-7(4) Rule requires the area surrounding a ground-level or buried water storage tank be graded in a manner to prevent surface water from standing within 50 feet of the tank. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
153	Storage tank roof is sloped to prevent ponding	C
	<i>MIN 15pts FW V003 R309-545-9(4) Rule requires drainage of storage tank roofs to eliminate water ponding.</i>	
154	Are there cracks in the walls or roof of the storage tank? (if yes, select only one of the following options)	N
155	Is a tank overflow present? ... if yes, answer the following question(s)	Y
	<i>SIG 25pts FW VL01 R309-545-13 Rule requires all storage tanks to be provided with an overflow that discharges at an elevation between 12 and 24 inches above the ground surface or the rim of the receiving basin. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
155A	Overflow line discharges at least 12 inches above ground or the flood rim of receiving basin?	C
	<i>SIG 25pts FW V011 R309-545-13 Rule requires all water storage tanks to be provided with an overflow that discharges at an elevation between 12 and 24 inches above the ground surface or the rim of the receiving basin.</i>	
155B	Overflow line covered with #4 mesh non-corrodible screen	C
	<i>SIG 25pts FW V012 R309-545-13(3) Rule requires overflow pipes to be screened with #4 mesh non-corrodible screens installed at a location least susceptible to damage by vandalism. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
155C	Overflow line connected or discharges to a sanitary sewer drain?	C
	<i>SIG 50pts FW V013 R309-545-13(5) Rule prohibits overflow pipes from connecting to, or discharging into, a sanitary sewer system. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
156	Are the drain line and overflow combined?	Y

ST003 - 450-3 - Active

157	Is this facility Active or Inactive?	A
158	There are no undocumented drinking water facilities (i.e. tanks, pump stations, treatment facilities, etc.) or recent modifications that have not gone through DDW review <i>SIG 50pts SM G001 R309-100-5(2), R309-500-6, R309-500-9, R309-500-9(2) and (3) Rule requires complete plans & specification for all public drinking water projects to be approved in writing by the Director. Any facility found that has not started DDW review shall be considered unapproved. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
159	Storage tank capacity in gallons (from SDWIS; if different explain why in the comments)	450000
160	Ladders, ladder guards, platform railings, or safely located entrance hatches are provided. <i>MIN 15pts FW V004 R309-545-18 Rule requires ladders, ladder guards, platform railings, and safely located entrance hatches where applicable for water storage tanks and requires safety practices to conform to pertinent laws and regulations of the Utah Occupational Safety and Health Division.</i>	C
161	Tank is vented. <i>SIG 25pts FW VL02 R309-545-15 Rule requires drinking water storage tanks to be vented. Overflows cannot be considered or used as vents. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
162	Are air vents present? ... if yes, answer the following question(s)	Y
162A	Vent is either down-turned or shielded from contaminants (at least 2 inches below the bottom of the opening) <i>SIG 25pts FW V005 R309-545-15(1) Rule requires inverted vents on water storage tanks to be down-turned a minimum of 2 inches below any opening and shielded to prevent the entrance of contaminants. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
162B	End of vent terminates at least 24 inches above earthen cover (buried tank) and is located and sized to avoid blockage during winter. <i>MIN 15pts FW V006 R309-545-15(2) For buried structures, the rule requires the end of the vent discharge to be a minimum of 24 inches above the earthen covering.</i>	C
162C	Vent covered with #14 or finer non-corrodible mesh screen. <i>SIG 25pts FW V007 R309-545-15(4) Rule requires a water storage tank vent to be fitted with #14 mesh or finer non-corrodible screen and vents 6-inches or greater in diameter to be fitted with additional heavy gauge screen or substantial covering to protect the #14 mesh screen from vandalism or damage. This significant deficiency must be corrected within 120 days of notification or have a compliance action plan approved by DDW.</i>	C

162D	Vent 6-inch diameter and larger protected with additional heavy-gauge screen or substantial covering. <i>MIN 5pts FW V035 R309-545-15(5) Rule requires vents that are 6-inch diameter or greater to be fitted with additional heavy gauge screen or substantial covering, which will protect the No. 14 mesh screen against vandalism or damage.</i>	C
163	Are access openings present? ... if yes, answer the following question(s) <i>MIN 15pts FW VL03 R309-545-14 and 14(1) Rule requires drinking water storage tanks to be designed with reasonably convenient access to the interior for cleaning and maintenance.</i>	Y
163A	Access opening framed at least 4 inches above roof surface or 18 inches above earthen cover. <i>MIN 15pts FW V008 R309-545-14(1) Rule requires tank access opening to be framed at least 4 inches above the surface of the roof, or on a buried tank, to be at least 18 inches above any earthen cover over the tank.</i>	C
163B	Access opening shoe box type with at least 2 inches of overlap <i>SIG 25pts FW V010 R309-545-14(2) Rule requires the frame of an access opening to 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. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
163C	Access opening lid properly gasketed <i>SIG 25pts FW V009 R309-545-14(2) Rule requires the access opening to a tank to be furnished with a gasket between the lid and frame. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
164	Access opening locked <i>SIG 25pts FW V029 R309-545-14(3) Rule requires the lid to any access opening to have a locking device. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
165	Roof or wall penetrations sealed <i>SIG 100pts FW V017 R309-545-6(1) and 545-9 Rule requires openings in a storage tank roof or top, designed to accommodate control apparatus or pump columns, to be welded, gasketed, or curbed and sleeved and to have additional proper shielding to prevent vandalism. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
166	Area surrounding ground-level or buried storage tank is graded to prevent surface water from standing within 50 feet. <i>SIG 25pts TR V001 R309-545-7(4) Rule requires the area surrounding a ground-level or buried water storage tank be graded in a manner to prevent surface water from standing within 50 feet of the tank. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C

167	Storage tank roof is sloped to prevent ponding <i>MIN 15pts FW V003 R309-545-9(4) Rule requires drainage of storage tank roofs to eliminate water ponding.</i>	C
168	Are there cracks in the walls or roof of the storage tank? (if yes, select only one of the following options)	N
169	Is a tank overflow present? ... if yes, answer the following question(s) <i>SIG 25pts FW VL01 R309-545-13 Rule requires all storage tanks to be provided with an overflow that discharges at an an elevation between 12 and 24 inches above the ground surface or the rim of the receiving basin. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	Y
169A	Overflow line discharges at least 12 inches above ground or the flood rim of receiving basin? <i>SIG 25pts FW V011 R309-545-13 Rule requires all water storage tanks to be provided with an overflow that discharges at an elevation between 12 and 24 inches above the ground surface or the rim of the receiving basin.</i>	C
169B	Overflow line covered with #4 mesh non-corrodible screen <i>SIG 25pts FW V012 R309-545-13(3) Rule requires overflow pipes to be screened with #4 mesh non-corrodible screens installed at a location least susceptible to damage by vandalism. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
169C	Overflow line connected or discharges to a sanitary sewer drain? <i>SIG 50pts FW V013 R309-545-13(5) Rule prohibits overflow pipes from connecting to, or discharging into, a sanitary sewer system. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
170	Are the drain line and overflow combined?	Y
ST004 - 125-4 - Active		
171	Is this facility Active or Inactive?	A
172	There are no undocumented drinking water facilities (i.e. tanks, pump stations, treatment facilities, etc.) or recent modifications that have not gone through DDW review <i>SIG 50pts SM G001 R309-100-5(2), R309-500-6, R309-500-9, R309-500-9(2) and (3) Rule requires complete plans & specification for all public drinking water projects to be approved in writing by the Director. Any facility found that has not started DDW review shall be considered unapproved. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
173	Storage tank capacity in gallons (from SDWIS; if different explain why in the comments)	125000

174	Ladders, ladder guards, platform railings, or safely located entrance hatches are provided. <i>MIN 15pts FW V004 R309-545-18 Rule requires ladders, ladder guards, platform railings, and safely located entrance hatches where applicable for water storage tanks and requires safety practices to conform to pertinent laws and regulations of the Utah Occupational Safety and Health Division.</i>	C
175	Tank is vented. <i>SIG 25pts FW VL02 R309-545-15 Rule requires drinking water storage tanks to be vented. Overflows cannot be considered or used as vents. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
176	Are air vents present? ... if yes, answer the following question(s)	Y
176A	Vent is either down-turned or shielded from contaminants (at least 2 inches below the bottom of the opening) <i>SIG 25pts FW V005 R309-545-15(1) Rule requires inverted vents on water storage tanks to be down-turned a minimum of 2 inches below any opening and shielded to prevent the entrance of contaminants. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
176B	End of vent terminates at least 24 inches above earthen cover (buried tank) and is located and sized to avoid blockage during winter. <i>MIN 15pts FW V006 R309-545-15(2) For buried structures, the rule requires the end of the vent discharge to be a minimum of 24 inches above the earthen covering.</i>	C
176C	Vent covered with #14 or finer non-corrodible mesh screen. <i>SIG 25pts FW V007 R309-545-15(4) Rule requires a water storage tank vent to be fitted with #14 mesh or finer non-corrodible screen and vents 6-inches or greater in diameter to be fitted with additional heavy gauge screen or substantial covering to protect the #14 mesh screen from vandalism or damage. This significant deficiency must be corrected within 120 days of notification or have a compliance action plan approved by DDW.</i>	C
176D	Vent 6-inch diameter and larger protected with additional heavy-gauge screen or substantial covering. <i>MIN 5pts FW V035 R309-545-15(5) Rule requires vents that are 6-inch diameter or greater to be fitted with additional heavy gauge screen or substantial covering, which will protect the No. 14 mesh screen against vandalism or damage.</i>	C
177	Are access openings present? ... if yes, answer the following question(s) <i>MIN 15pts FW VL03 R309-545-14 and 14(1) Rule requires drinking water storage tanks to be designed with reasonably convenient access to the interior for cleaning and maintenance.</i>	Y
177A	Access opening framed at least 4 inches above roof surface or 18 inches above earthen cover. <i>MIN 15pts FW V008 R309-545-14(1) Rule requires tank access opening to be framed at least 4 inches above the surface of the roof, or on a buried tank, to be at least 18 inches above any earthen cover over the tank.</i>	C

177B	Access opening shoe box type with at least 2 inches of overlap <i>SIG 25pts FW V010 R309-545-14(2) Rule requires the frame of an access opening to 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. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
177C	Access opening lid properly gasketed <i>SIG 25pts FW V009 R309-545-14(2) Rule requires the access opening to a tank to be furnished with a gasket between the lid and frame. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
178	Access opening locked <i>SIG 25pts FW V029 R309-545-14(3) Rule requires the lid to any access opening to have a locking device. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
179	Roof or wall penetrations sealed <i>SIG 100pts FW V017 R309-545-6(1) and 545-9 Rule requires openings in a storage tank roof or top, designed to accommodate control apparatus or pump columns, to be welded, gasketed, or curbed and sleeved and to have additional proper shielding to prevent vandalism. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
180	Area surrounding ground-level or buried storage tank is graded to prevent surface water from standing within 50 feet. <i>SIG 25pts TR V001 R309-545-7(4) Rule requires the area surrounding a ground-level or buried water storage tank be graded in a manner to prevent surface water from standing within 50 feet of the tank. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
181	Storage tank roof is sloped to prevent ponding <i>MIN 15pts FW V003 R309-545-9(4) Rule requires drainage of storage tank roofs to eliminate water ponding.</i>	C
182	Are there cracks in the walls or roof of the storage tank? (if yes, select only one of the following options)	N
183	Is a tank overflow present? ... if yes, answer the following question(s) <i>SIG 25pts FW VL01 R309-545-13 Rule requires all storage tanks to be provided with an overflow that discharges at an elevation between 12 and 24 inches above the ground surface or the rim of the receiving basin. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	Y
183A	Overflow line discharges at least 12 inches above ground or the flood rim of receiving basin? <i>SIG 25pts FW V011 R309-545-13 Rule requires all water storage tanks to be provided with an overflow that discharges at an elevation between 12 and 24 inches above the ground surface or the rim of the receiving basin.</i>	C

183B	Overflow line covered with #4 mesh non-corrodible screen <i>SIG 25pts FW V012 R309-545-13(3) Rule requires overflow pipes to be screened with #4 mesh non-corrodible screens installed at a location least susceptible to damage by vandalism. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
183C	Overflow line connected or discharges to a sanitary sewer drain? <i>SIG 50pts FW V013 R309-545-13(5) Rule prohibits overflow pipes from connecting to, or discharging into, a sanitary sewer system. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
184	Are the drain line and overflow combined?	Y

ST005 - 350-5 - Active

185	Is this facility Active or Inactive?	A
186	There are no undocumented drinking water facilities (i.e. tanks, pump stations, treatment facilities, etc.) or recent modifications that have not gone through DDW review <i>SIG 50pts SM G001 R309-100-5(2), R309-500-6, R309-500-9, R309-500-9(2) and (3) Rule requires complete plans & specification for all public drinking water projects to be approved in writing by the Director. Any facility found that has not started DDW review shall be considered unapproved. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
187	Storage tank capacity in gallons (from SDWIS; if different explain why in the comments)	350000
188	Ladders, ladder guards, platform railings, or safely located entrance hatches are provided. <i>MIN 15pts FW V004 R309-545-18 Rule requires ladders, ladder guards, platform railings, and safely located entrance hatches where applicable for water storage tanks and requires safety practices to conform to pertinent laws and regulations of the Utah Occupational Safety and Health Division.</i>	C
189	Tank is vented. <i>SIG 25pts FW VL02 R309-545-15 Rule requires drinking water storage tanks to be vented. Overflows cannot be considered or used as vents. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
190	Are air vents present? ... if yes, answer the following question(s)	Y
190A	Vent is either down-turned or shielded from contaminants (at least 2 inches below the bottom of the opening) <i>SIG 25pts FW V005 R309-545-15(1) Rule requires inverted vents on water storage tanks to be down-turned a minimum of 2 inches below any opening and shielded to prevent the entrance of contaminants. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C

190B	End of vent terminates at least 24 inches above earthen cover (buried tank) and is located and sized to avoid blockage during winter. <i>MIN 15pts FW V006 R309-545-15(2) For buried structures, the rule requires the end of the vent discharge to be a minimum of 24 inches above the earthen covering.</i>	C
190C	Vent covered with #14 or finer non-corrodible mesh screen. <i>SIG 25pts FW V007 R309-545-15(4) Rule requires a water storage tank vent to be fitted with #14 mesh or finer non-corrodible screen and vents 6-inches or greater in diameter to be fitted with additional heavy gauge screen or substantial covering to protect the #14 mesh screen from vandalism or damage. This significant deficiency must be corrected within 120 days of notification or have a compliance action plan approved by DDW.</i>	C
190D	Vent 6-inch diameter and larger protected with additional heavy-gauge screen or substantial covering. <i>MIN 5pts FW V035 R309-545-15(5) Rule requires vents that are 6-inch diameter or greater to be fitted with additional heavy gauge screen or substantial covering, which will protect the No. 14 mesh screen against vandalism or damage.</i>	C
191	Are access openings present? ... if yes, answer the following question(s) <i>MIN 15pts FW VL03 R309-545-14 and 14(1) Rule requires drinking water storage tanks to be designed with reasonably convenient access to the interior for cleaning and maintenance.</i>	Y
191A	Access opening framed at least 4 inches above roof surface or 18 inches above earthen cover. <i>MIN 15pts FW V008 R309-545-14(1) Rule requires tank access opening to be framed at least 4 inches above the surface of the roof, or on a buried tank, to be at least 18 inches above any earthen cover over the tank.</i>	C
191B	Access opening shoe box type with at least 2 inches of overlap <i>SIG 25pts FW V010 R309-545-14(2) Rule requires the frame of an access opening to 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. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
191C	Access opening lid properly gasketed <i>SIG 25pts FW V009 R309-545-14(2) Rule requires the access opening to a tank to be furnished with a gasket between the lid and frame. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
192	Access opening locked <i>SIG 25pts FW V029 R309-545-14(3) Rule requires the lid to any access opening to have a locking device. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C

193	Roof or wall penetrations sealed	C
	<i>SIG 100pts FW V017 R309-545-6(1) and 545-9 Rule requires openings in a storage tank roof or top, designed to accommodate control apparatus or pump columns, to be welded, gasketed, or curbed and sleeved and to have additional proper shielding to prevent vandalism. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
194	Area surrounding ground-level or buried storage tank is graded to prevent surface water from standing within 50 feet.	C
	<i>SIG 25pts TR V001 R309-545-7(4) Rule requires the area surrounding a ground-level or buried water storage tank be graded in a manner to prevent surface water from standing within 50 feet of the tank. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
195	Storage tank roof is sloped to prevent ponding	C
	<i>MIN 15pts FW V003 R309-545-9(4) Rule requires drainage of storage tank roofs to eliminate water ponding.</i>	
196	Are there cracks in the walls or roof of the storage tank? (if yes, select only one of the following options)	N
197	Is a tank overflow present? ... if yes, answer the following question(s)	Y
	<i>SIG 25pts FW VL01 R309-545-13 Rule requires all storage tanks to be provided with an overflow that discharges at an elevation between 12 and 24 inches above the ground surface or the rim of the receiving basin. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
197A	Overflow line discharges at least 12 inches above ground or the flood rim of receiving basin?	C
	<i>SIG 25pts FW V011 R309-545-13 Rule requires all water storage tanks to be provided with an overflow that discharges at an elevation between 12 and 24 inches above the ground surface or the rim of the receiving basin.</i>	
197B	Overflow line covered with #4 mesh non-corrodible screen	C
	<i>SIG 25pts FW V012 R309-545-13(3) Rule requires overflow pipes to be screened with #4 mesh non-corrodible screens installed at a location least susceptible to damage by vandalism. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
197C	Overflow line connected or discharges to a sanitary sewer drain?	C
	<i>SIG 50pts FW V013 R309-545-13(5) Rule prohibits overflow pipes from connecting to, or discharging into, a sanitary sewer system. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
198	Are the drain line and overflow combined?	Y
ST006 - EL DORADO CONCRETE -		
199	Is this facility Active or Inactive?	I
199A	Explain why this facility is Inactive (Is this facility in stand-by mode?)	Abandoned and disconnected from system.

200	There are no undocumented drinking water facilities (i.e. tanks, pump stations, treatment facilities, etc.) or recent modifications that have not gone through DDW review <i>SIG 50pts SM G001 R309-100-5(2), R309-500-6, R309-500-9, R309-500-9(2) and (3) Rule requires complete plans & specification for all public drinking water projects to be approved in writing by the Director. Any facility found that has not started DDW review shall be considered unapproved. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
201	Storage tank capacity in gallons (from SDWIS; if different explain why in the comments)	0 (Notes: Abandoned)
202	Ladders, ladder guards, platform railings, or safely located entrance hatches are provided. <i>MIN 15pts FW V004 R309-545-18 Rule requires ladders, ladder guards, platform railings, and safely located entrance hatches where applicable for water storage tanks and requires safety practices to conform to pertinent laws and regulations of the Utah Occupational Safety and Health Division.</i>	NA (Notes: Abandoned)
203	Tank is vented. <i>SIG 25pts FW VL02 R309-545-15 Rule requires drinking water storage tanks to be vented. Overflows cannot be considered or used as vents. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	NA (Notes: Abandoned)
204	Are air vents present? ... if yes, answer the following question(s)	Y
204A	Vent is either down-turned or shielded from contaminants (at least 2 inches below the bottom of the opening) <i>SIG 25pts FW V005 R309-545-15(1) Rule requires inverted vents on water storage tanks to be down-turned a minimum of 2 inches below any opening and shielded to prevent the entrance of contaminants. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	NA (Notes: Abandoned)
204B	End of vent terminates at least 24 inches above earthen cover (buried tank) and is located and sized to avoid blockage during winter. <i>MIN 15pts FW V006 R309-545-15(2) For buried structures, the rule requires the end of the vent discharge to be a minimum of 24 inches above the earthen covering.</i>	NA (Notes: Abandoned)
204C	Vent covered with #14 or finer non-corrodible mesh screen. <i>SIG 25pts FW V007 R309-545-15(4) Rule requires a water storage tank vent to be fitted with #14 mesh or finer non-corrodible screen and vents 6-inches or greater in diameter to be fitted with additional heavy gauge screen or substantial covering to protect the #14 mesh screen from vandalism or damage. This significant deficiency must be corrected within 120 days of notification or have a compliance action plan approved by DDW.</i>	NA (Notes: Abandoned)
204D	Vent 6-inch diameter and larger protected with additional heavy-gauge screen or substantial covering. <i>MIN 5pts FW V035 R309-545-15(5) Rule requires vents that are 6-inch diameter or greater to be fitted with additional heavy gauge screen or substantial covering, which will protect the No. 14 mesh screen against vandalism or damage.</i>	NA (Notes: Abandoned)

205	Are access openings present? ... if yes, answer the following question(s) <i>MIN 15pts FW VL03 R309-545-14 and 14(1) Rule requires drinking water storage tanks to be designed with reasonably convenient access to the interior for cleaning and maintenance.</i>	Y
205A	Access opening framed at least 4 inches above roof surface or 18 inches above earthen cover. <i>MIN 15pts FW V008 R309-545-14(1) Rule requires tank access opening to be framed at least 4 inches above the surface of the roof, or on a buried tank, to be at least 18 inches above any earthen cover over the tank.</i>	NA (Notes: Abandoned)
205B	Access opening shoe box type with at least 2 inches of overlap <i>SIG 25pts FW V010 R309-545-14(2) Rule requires the frame of an access opening to 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. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	NA (Notes: Abandoned)
205C	Access opening lid properly gasketed <i>SIG 25pts FW V009 R309-545-14(2) Rule requires the access opening to a tank to be furnished with a gasket between the lid and frame. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	NA (Notes: Abandoned)
206	Access opening locked <i>SIG 25pts FW V029 R309-545-14(3) Rule requires the lid to any access opening to have a locking device. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	NA (Notes: Abandoned)
207	Roof or wall penetrations sealed <i>SIG 100pts FW V017 R309-545-6(1) and 545-9 Rule requires openings in a storage tank roof or top, designed to accommodate control apparatus or pump columns, to be welded, gasketed, or curbed and sleeved and to have additional proper shielding to prevent vandalism. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	NA (Notes: Abandoned)
208	Area surrounding ground-level or buried storage tank is graded to prevent surface water from standing within 50 feet. <i>SIG 25pts TR V001 R309-545-7(4) Rule requires the area surrounding a ground-level or buried water storage tank be graded in a manner to prevent surface water from standing within 50 feet of the tank. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	NA (Notes: Abandoned)
209	Storage tank roof is sloped to prevent ponding <i>MIN 15pts FW V003 R309-545-9(4) Rule requires drainage of storage tank roofs to eliminate water ponding.</i>	NA (Notes: Abandoned)
210	Are there cracks in the walls or roof of the storage tank? (if yes, select only one of the following options)	N

211	<p>Is a tank overflow present? ... if yes, answer the following question(s)</p> <p><i>SIG 25pts FW VL01 R309-545-13 Rule requires all storage tanks to be provided with an overflow that discharges at an elevation between 12 and 24 inches above the ground surface or the rim of the receiving basin. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i></p>	Y
211A	<p>Overflow line discharges at least 12 inches above ground or the flood rim of receiving basin?</p> <p><i>SIG 25pts FW V011 R309-545-13 Rule requires all water storage tanks to be provided with an overflow that discharges at an elevation between 12 and 24 inches above the ground surface or the rim of the receiving basin.</i></p>	NA (Notes: Abandoned)
211B	<p>Overflow line covered with #4 mesh non-corrodible screen</p> <p><i>SIG 25pts FW V012 R309-545-13(3) Rule requires overflow pipes to be screened with #4 mesh non-corrodible screens installed at a location least susceptible to damage by vandalism. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i></p>	NA (Notes: Abandoned)
211C	<p>Overflow line connected or discharges to a sanitary sewer drain?</p> <p><i>SIG 50pts FW V013 R309-545-13(5) Rule prohibits overflow pipes from connecting to, or discharging into, a sanitary sewer system. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i></p>	NA (Notes: Abandoned)
212	<p>Are the drain line and overflow combined?</p>	Y

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