

Utah Department of Environmental Quality

Division of Drinking Water Sanitary Survey

October 7, 2026

Leeds Domestic Waterusers Association
PO BOX 460627
Leeds, UT 84746

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

Doris (McNally), Don (Fawson), and Mark (Osmer):

Thank you for help in conducting this sanitary survey of your drinking water system. You have all put a lot of effort into making sure that you are compliant with drinking water requirements, records, and especially delivering clean drinking water to your customers. It is very appreciated when I visit a system that goes to the detail you have.

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. **The point total for deficiencies from this sanitary survey is 0 points.** 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,

Paul Wright, *District Engineer, DEQ*, pwright@utah.gov
Surveyor
Enclosures: Sanitary Survey 2026

SEARCH BY COUNTY/WATER SYSTEM

WASHINGTON COUNTY/LEEDS DO...

CREATE A CUSTOM REPORT

- ☒ IPS Summary
- ☒ Physical Facility Points
- ☒ Treatment Technique Violations
- ☒ Lead Copper Monitoring and Quality Violations
- ☒ Chemical Rule Violations
- ☒ Treatment Violations
- ☒ Microbial Rule Violations
- ☒ Operator Certification Points
- ☒ Consumer Confidence Report
- ☒ Public Notifications
- ☒ IPS Compliance Schedules

WATER SYSTEM REPORTS

[Bacterial Summary](#)
[Population/Connections Inventory](#)
[IPS](#)
[Water Monitoring](#)

DEQ | Drinking Water

Public Water System IPS Report

Leeds Domestic Water Users Association	PWS ID: UTAH27010	Rating: Approved	11/15/1999	Status: Active
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Contacts	Site Information	Site Updates	Political Districts
Type: Administrative Contact Name: DORIS MCNALLY Office: 435-879-0278 Emergency: Email: ldwacorp@infowest.com	Legal Contact: LEEDS DOMESTIC WATERUSERS ASSOCIATION Address: PO BOX 460627 , LEEDS, UT 84746 Phone: 435-879-0278 County: WASHINGTON COUNTY System Type: Community Certification Required: D1 Total Population: 800 Local Health District: Southwest Utah Public Health Department	Last Inventory Update: 09/05/2026 Last Surveyor Update: 09/29/2023 Surveyor: BLAKE BOYD ANDERSON Operating Period: 1/1 - 12/31 Last IPS Update: 10/07/2026 14:10:00	Legislative District Map Water Usage Information per ERC Total Ips Points: 0

Hide All Details Show All Details

IPS SUMMARY		Total IPS Points: 0
Admin & Physical Facilities	Quality & Monitoring	Significant Deficiency Violations
0	0	0

PHYSICAL FACILITY POINTS				Total Pts: 0
Facility	Facility Name	Status	Points Effective	Details

SIGNIFICANT DEFICIENCY VIOLATIONS					Total Pts: 0
ID	Violation	Code	Deficiency	Determined	Points Effective

LEAD COPPER MONITORING AND QUALITY VIOLATIONS					Total Pts: 0	
Violation No.	Period	Code	Description/Name	Points Effective		

CHEMICAL MONITORING RULE VIOLATIONS							Total Pts: 0	
Facility	Violation No	Period	Code	Violation Type	Analyte Group	Determined	Seasonality	Points Effective

TREATMENT VIOLATIONS							Total Pts: 0
Facility	Violation No	Period	Code	Violation Type	Analyte Group	Determined	Points Effective

MICROBIAL RULE VIOLATIONS					Total Pts: 0
Date Range Start: 10/01/2025					
Determine Date	Compliance Period	Code	Violation Type	Return To Compliance	Points Effective

OPERATOR CERTIFICATION		
Type	Level Required	Highest Certificate
Distribution	Dist 1	Dist 1
Treatment		

CONSUMER CONFIDENCE REPORT				Total Effective Points: 0
Violation No.	Period	Code	Description/Name	Points Effective

PUBLIC NOTIFICATION VIOLATIONS				Total Pts: 0
Violation No.	Date	Code	Description/Name	Points Effective

IPS COMPLIANCE SCHEDULES				
Type	Required Activities	Severity	Created	Due
Lead Consumer Notice	SUBMIT LCN CERTIFICATE		06/01/2026	12/29/2026
Complete PFAS Initial Monitoring	INITIAL MONITORING FOR PFOA (2806)		05/21/2026	04/26/2027
Complete PFAS Initial Monitoring	INITIAL MONITORING FOR PFOS (2805)		05/21/2026	04/26/2027
Complete PFAS Initial Monitoring	SUBMIT PFAS INITIAL MONITORING SAMPLES		04/26/2024	04/26/2027

Utah Department Of Environmental Quality

Division Of Drinking Water Sanitary Survey

Sanitary Survey

Site Visit Date	Surveyor Name
10/07/2026	J. Paul Wright

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

1	Admin Contact (AC) [eMail address is REQUIRED] <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>	*First Name: DORIS *Last Name: MCNALLY *Organization: *Address: Redacted *City: LEEDS *State: UT *Zip: 84746 *Email: ldwacorp@infowest.com *Phone: 435-879-0278 Emergency Phone: 732-429-4950
2	Legal Contact (LC) [if no eMail address is available, enter NoeMail@utah.gov] <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>	*First Name: *Last Name: *Organization: LEEDS DOMESTIC WATERUSERS ASSOCIATION *Address: PO BOX 460627 *City: LEEDS *State: UT *Zip: 84746 *Email: ldwacoro@infowest.com *Phone: 435-879-0278 Emergency Phone: 435-772-1970

3	Owner Contact (OW) [if no eMail address is available, enter NoeMail@utah.gov] <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>	*First Name: *Last Name: *Organization: Leeds Domestic Waterusers Association *Address: 545 N Main St *City: LEEDS *State: UT *Zip: 84746 *Email: ldwacorp@infowest.com *Phone: 435-879-0278 Emergency Phone: 435-772-1970
4	Direct Operator in Charge (DO) [if no eMail address is available, enter NoeMail@utah.gov] <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>	*First Name: MARK W *Last Name: OSMER *Organization: *Address: PO BOX 460502 *City: LEEDS *State: UT *Zip: 84746 *Email: ldwacorp@infowest.com *Phone: 435-879-0278 Emergency Phone: 435-772-1970
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
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Site Visit Info

13	Date of Survey (First Day of Field Work)	10/07/2026
14	Date of Survey (Last Day of Field Work) ** this should match the Date of Survey in the header **	10/07/2026
15	Date final report sent to system (questionnaire, deficiency report and capacity spreadsheet)	10/07/2026
16	Water system representative present during the survey:	Doris McNally (Notes: Mark Osmer, Don Fawsom)
17	How much time was spent to prepare survey documents prior to field survey? (Round up to nearest quarter hour)	1.5
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
19	How much time was spent traveling from the primary workplace to the system and back again at the end of the field survey? (Round up to nearest quarter hour)	1
20	How much time did it take to finish the Survey Report? (Round up to nearest quarter hour)	1.50
21	Did you survey multiple water systems in one trip? ... if yes, answer the following question(s)	N

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. 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.	C (Notes: New Well house will have permanent backup power, they have a spring currently to backup the well.)
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] 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.	C
24	Does the system haul water?	N
25	For a community system serving 100 or more connections, at least 2 water sources are available. 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.	C

26	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
27	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
28	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
29	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
30	Does your water system have an Emergency Response Plan? <i>REC 0pts SM M001 R309-105-18 All suppliers are advised to develop contingency plans to cope with possible emergency situations. In many areas of the state the possibility of earthquake damage shall be realistically considered.</i>	Y
31	Does your Emergency Response Plan address cybersecurity? (only required for systems over 3,300 population, otherwise mark NA) <i>MIN 15pts TR TGR9 R309-105-7, 8 & 18, R309-100 through 605 Trigger for regulatory followup to address concerns.</i>	Y (Notes: the system has addressed cybersecurity, even though it is not required for their size)
32	Does your water system use SCADA? e.g. computers, laptops, phones, tablets, or any other computer systems to manage, operate, or maintain the PWS?	Y (Notes: All local to read, not to operate)
33	Does your water system use any computer systems in regular business operations such as accounting, billing, payroll, human resources, or management?	Y (Notes: They have worked with their billing software vendor to ensure it is protected)
34	For a community water system or a non-transient non-community water system, did you make your initial service line inventory available to the public? (if a transient system, enter NA) <i>REC 0pts MR R006 40 CFR 141.84 (a)(8)The rule requires that the service line materials inventory be publicly accessible. (a)(8)(ii) The rule requires that water systems serving greater than 50,000 persons make the publicly accessible inventory available online. (a)(9) The rule requires that when a water system has no lead, galvanized requiring replacement, or lead status unknown service lines (regardless of ownership) in its inventory, it may comply with the requirements using a written statement, in lieu of the inventory, declaring that the distribution system has no lead service lines or galvanized requiring replacement service lines. The statement must include a general description of all applicable sources used to make this determination.</i>	Y

- 34A For a community or a non-transient non-community water system serving a population greater than 50,000, is your service line inventory provided online? (mark NA for systems less than 50,000) (If yes, provide the link in the comment box)? **NA (Notes: under 50,000)**

REC | 0pts | MR | R006 | 40 CFR 141.84 | (a)(8)The rule requires that the service line materials inventory be publicly accessible. (a)(8)(ii) The rule requires that water systems serving greater than 50,000 persons make the publicly accessible inventory available online. (a)(9) The rule requires that when a water system has no lead, galvanized requiring replacement, or lead status unknown service lines (regardless of ownership) in its inventory, it may comply with the requirements using a written statement, in lieu of the inventory, declaring that the distribution system has no lead service lines or galvanized requiring replacement service lines. The statement must include a general description of all applicable sources used to make this determination.

- 34B For a community water system or a non transient non-community water system serving a population of less than 50,000, what method was used to make the inventory publicly available? **M (Notes: Also website and meeting)**

Cross Connection and Operator Certification

- 35 Legally adopted authority statement **C**
- 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).*
- 36 Documentation of annual public awareness and/or employee training **C (Notes: Mailers, etc.)**
- 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.*
- 37 Documentation of personnel trained to manage the program (ALL COMUNITY WATER SYSTEMS REQUIRE A DDW CERTIFIED CCC PROGRAM ADMINISTRATOR. ALL OTHER WATER SYSTEMS REQUIRE AT A MINIMUM BACKFLOW 101 OR EQUIVALENT/ GREATER CCC TRAINING) **C (Notes: Mark Osmer, Don Fawson, and one other.)**
- 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.*
- 38 Does the water system have detailed records of cross connection control activities? (inventories of backflow assemblies, devices, and air gaps installed within the system) **C (Notes: System keeps great records, especially of higher risk customers who also have irrigation water.)**
- 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.*
- 39 Does the water system have records of on-going enforcement activities? (test history, enforcement activities, hazard assessments) **C (Notes: Yes, they have an organized record of backflow devices that have been tested.)**
- 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.*

40	Operator meets required level of certification for water system. (IF NO CERTIFIED OPERATOR IS REQUIRED MARK COMPLIANT)	C (Notes: Mark Osmer)
	<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>	
41	Certified operator is within 1 hour travel time of water system. (IF NO CERTIFIED OPERATOR IS REQUIRED MARK COMPLIANT)	C
	<i>MIN 0pts 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

42	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

43	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>	
44	Are air release/vacuum valves in the distribution system? ... if yes, answer the following question(s)	N
45	Water system has a program to maintain, operate, or control the use of fire hydrants.	C (Notes: Good operational plan and coordination with fire company and restrictions from use by contractors.)
	<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>	
46	Blow offs or air release valves are not directly connected to a sanitary sewer line.	C
	<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>	

47	Blow offs or air release valves do not discharge below flood level in ditches or streams.	C
	<i>SIG 50pts DS D016 R309-550-9(1) and (2), R309-550-13(2) R309-550-9(1 & 3)</i>	
48	All water mains installed after 1995 that provide fire flow are at least 8 inches in diameter.	C
	<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>	
49	Distribution system capable of providing minimum pressure of 20 psi at all service connections.	C
	<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>	
50	Was the water system constructed or new portions added after January 1, 2007? ... if yes, answer the following question(s)	Y
50A	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
	<i>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.</i>	

General Disinfection

51	Water system follows AWWA disinfection procedures for new, repaired, or depressurized seasonal water mains and tanks.	C
	<i>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.</i>	
52	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
	<i>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.</i>	

ST006 - EL DORADO CONCRETE - Inactive (AB - ABANDONED)

54	Does the water system still have physical access to this facility? Y/N Guidance: Answer NO if sold and no longer have security access or the facility is demolished and can not be inspected.	N (Notes: Not used anymore)
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WS003 - EL DORADO WELL - Inactive (AB - ABANDONED)

55	Does the water system still have physical access to this facility? Y/N Guidance: Answer NO if sold and no longer have security access or the facility is demolished and can not be inspected.	N (Notes: Not used anymore, well head cut and capped)
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WS004 - WELL NO. 2 - Inactive (AB - ABANDONED)

56	Does the water system still have physical access to this facility? Y/N Guidance: Answer NO if sold and no longer have security access or the facility is demolished and can not be inspected.	N (Notes: Never fully developed, did not produce water, filled in with concrete.)
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WS005 - WELL NO. 3 - Proposed Source

53	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.	
53A	When is the anticipated date to request an Operating Permit? Explain in comments...	spring to early summer 2027. Plans for new well house, equipping, and chlorinators have been submitted to DDW

WS001 - OAK GROVE SPRING - Active

57	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
58	Operating Period (Start Date)	01/01
59	Operating Period (End Date)	12/31
60	Undocumented sources shall not be physically connected to the drinking water system. (IF SOURCE IS NOT IN SYSTEM INVENTORY MARK "DEFICIENT")	C
	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.	
61	Area of equal or higher elevation within 50 feet of spring collection devices is fenced.	C
	MIN 15pts SO SS02 R309-515-7(7)(e) Rule requires a stock-tight fence around the spring collection area.	
62	Surface water runoff diverted away from spring by diversion channel or berm.	C
	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.	
63	Spring box has a means to release overflow?	Y
	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.	
63A	Overflow screened with #4 mesh screen	C
	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.	

63B	Overflow has a minimum of 12 inch clearance above flood rim of receiving basin	C
	<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>	
64	Drain has minimum of 12 inch clearance above flood rim of receiving basin	C
	<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>	
65	Spring collection area graded and no evidence of water ponding or flow on surface?	C
	<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>	
66	If a liner is present, spring liner integrity is maintained.	C
	<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>	
67	No deep-rooted vegetation is within the 50 ft collection area.	C
	<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>	
68	No roots seen in collection boxes and junctions.	C
	<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>	
69	Is a spring collection box present? ... if yes, answer the following question(s)	Y
	<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>	
69A	Spring box has shoe box type lid with 2 inch overlap around frame	C
	<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>	

69B	Spring box lid is gasketed	C
	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.	
69C	Spring box lid does not show evidence of a vacuum.	C
	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.	
69D	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.	C
	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.	
69E	Spring box lid is locked	C
	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.	
69F	All openings/penetrations in the spring collection box are sealed.	C
	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.	
70	Is a spring box vent present? ... if yes, answer the following question(s)	Y
	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.	

70A	Vent is down-turned.	C
	<i>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.</i>	
70B	Vent has #14 or finer non-corrodible mesh screen and a protective screen/covering if 6-inch diameter or greater.	C
	<i>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.</i>	
70C	End of vent has sufficient clearance to prevent ice/snow blockage or is at least 24 inches above the earthen cover	C
	<i>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.</i>	
71	Spring has a permanent flow-measuring device.	C
	<i>MIN 5pts SO SS01 R309-515-7(7)(h) Rule requires a spring to have a permanent flow measuring device.</i>	

WS002 - LEEDS WELL - Active

72	Is this facility Active or Inactive?	A
73	Operating Period (Start Date)	01/01
74	Operating Period (Ending Date)	12/31
75	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>	

76	Well casing is at least 18 inches above finished ground surface and 12 inches above well house floor.	C
	<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>	
77	Wellhead is sealed to prevent contamination.	C
	<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>	
78	Is the well casing vented? ... if yes, answer the following question(s)	Y
78A	Vent screened with #14 mesh screen	C
	<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>	
78B	Vent down-turned	C
	<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>	
78C	Vent has adequate clearance to prevent contamination from entering the well	C
	<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>	
79	Does the well have a pump to waste line? ... if yes, answer the following question(s)	Y
79A	Pump to waste line discharges with a minimum of 12-inch clearance to flood rim	C
	<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>	
79B	Pump to waste line equipped with #4 non-corrodible mesh screen	C
	<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>	

79C	Pump to waste line downturned if it discharges to sewer/storm drain or allowing complete drainage if not downturned	C
	<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>	
80	Water level is measured and recorded periodically	C
	<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>	
81	Wellhead secured to protect quality water	C
	<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>	
82	Well head or well house and equipment protected from flooding	C
	<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>	
83	There are no unprotected cross-connections in well discharge piping.	C
	<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>	
84	Hose connections are equipped with a backflow prevention device	C
	<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>	
85	No toxic chemicals, hazardous or flammable materials, or lubricants inside the well house or near well head?	C
	<i>MIN 15pts TR TGR9 R309-105-7, 8 & 18, R309-100 through 605 Trigger for regulatory followup to address concerns.</i>	
86	Well discharge line has a smooth-nosed sampling tap, which samples the well water before any chemical injection. (first item from the wellhead).	C
	<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>	

87	Well discharge line has a check valve.	C
	<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>	
88	Well discharge line has a pressure gauge.	C
	<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>	
89	Well discharge line has a means to measure flow.	C
	<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>	
90	Well discharge line has a shut-off valve (last item from the well head).	C
	<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>	
91	Is there an air/vac valve on the well discharge line? If yes, answer the following question(s)	N
92	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>	
93	Does well require oil-lubrication?	N
ST001 - 060-1 - Active		
94	Is this facility Active or Inactive?	A
95	Storage tank capacity in gallons (from SDWIS; if different explain why in the comments)	60000
96	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	C
	<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>	

97	Ladders, ladder guards, platform railings, or safely located entrance hatches are provided where applicable.	C
	<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>	
98	Tank is vented.	C
	<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>	
99	Are air vents present? ... if yes, answer the following question(s)	Y
99A	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>	
99B	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>	
99C	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>	
99D	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>	
100	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>	
100A	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>	

100B	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
100C	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
101	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
102	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
103	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
104	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
105	Are there cracks in the walls or roof of the storage tank? (if yes, select only one of the following options)	N
106	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
106A	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

106B	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
106C	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
107	Are the drain line and overflow combined?	Y (Notes: combined)

ST002 - 030-2 - Active

108	Is this facility Active or Inactive?	A
109	Storage tank capacity in gallons (from SDWIS; if different explain why in the comments)	30000
110	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
111	Ladders, ladder guards, platform railings, or safely located entrance hatches are provided where applicable. <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
112	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
113	Are air vents present? ... if yes, answer the following question(s)	Y
113A	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

113B	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
113C	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
113D	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
114	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
114A	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
114B	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
114C	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
115	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

116	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>	
117	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>	
118	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>	
119	Are there cracks in the walls or roof of the storage tank? (if yes, select only one of the following options)	N
120	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>	
120A	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>	
120B	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>	
120C	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>	
121	Are the drain line and overflow combined?	Y
ST003 - 450-3 - Active		
122	Is this facility Active or Inactive?	A
123	Storage tank capacity in gallons (from SDWIS; if different explain why in the comments)	450000

124	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	C
	<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>	
125	Ladders, ladder guards, platform railings, or safely located entrance hatches are provided where applicable.	C
	<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>	
126	Tank is vented.	C
	<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>	
127	Are air vents present? ... if yes, answer the following question(s)	Y
127A	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>	
127B	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>	
127C	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>	
127D	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>	

128	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
128A	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
128B	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
128C	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
129	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
130	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
131	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
132	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
133	Are there cracks in the walls or roof of the storage tank? (if yes, select only one of the following options)	N

134	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>	
134A	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>	
134B	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>	
134C	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>	
135	Are the drain line and overflow combined?	Y

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136	Is this facility Active or Inactive?	A
137	Storage tank capacity in gallons (from SDWIS; if different explain why in the comments)	125000
138	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	C
	<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>	
139	Ladders, ladder guards, platform railings, or safely located entrance hatches are provided where applicable.	C
	<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>	

140	Tank is vented.	C
	<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>	
141	Are air vents present? ... if yes, answer the following question(s)	Y
141A	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>	
141B	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>	
141C	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>	
141D	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>	
142	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>	
142A	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>	
142B	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>	

142C	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>	
143	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>	
144	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>	
145	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>	
146	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>	
147	Are there cracks in the walls or roof of the storage tank? (if yes, select only one of the following options)	N
148	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>	
148A	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>	
148B	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>	

148C	Overflow line connected or discharges to a sanitary sewer drain? SIG 50pts FW V013 R309-545-13(5) <i>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
149	Are the drain line and overflow combined?	Y
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150	Is this facility Active or Inactive?	A
151	Storage tank capacity in gallons (from SDWIS; if different explain why in the comments)	350000
152	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 SIG 50pts SM G001 R309-100-5(2), R309-500-6, R309-500-9, R309-500-9(2) and (3) <i>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
153	Ladders, ladder guards, platform railings, or safely located entrance hatches are provided where applicable. MIN 15pts FW V004 R309-545-18 <i>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
154	Tank is vented. SIG 25pts FW VL02 R309-545-15 <i>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
155	Are air vents present? ... if yes, answer the following question(s)	Y
155A	Vent is either down-turned or shielded from contaminants (at least 2 inches below the bottom of the opening) SIG 25pts FW V005 R309-545-15(1) <i>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
155B	End of vent terminates at least 24 inches above earthen cover (buried tank) and is located and sized to avoid blockage during winter. MIN 15pts FW V006 R309-545-15(2) <i>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

155C	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
155D	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
156	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
156A	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
156B	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
156C	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
157	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
158	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

159	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>	
160	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>	
161	Are there cracks in the walls or roof of the storage tank? (if yes, select only one of the following options)	N
162	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>	
162A	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>	
162B	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>	
162C	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>	
163	Are the drain line and overflow combined?	Y