

Utah Department Of Environmental Quality

Division Of Drinking Water

EMIGRATION IMPROVEMENT DISTRICT	PWS ID: UTAH18143 Rating: Approved	05/26/1995	Active
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Legal Contact

EMIGRATION IMP DISTRICT
 ERIC HAWKES
 PO BOX 58945
 SALT LAKE CITY, UT 84158
 Phone: 801-582-6176
 County: SALT LAKE COUNTY
 System Type: Community
 Population: 600

Site Updates

Last Inventory Update: 09/19/2016
 Last Surveyor Update: 07/14/2015
 Surveyor: LILIANA BENAVIDEZ
 Operating Period: 1/1 - 12/31
 Last IPS Update: 10/19/2018 07:00:00

Consumptive Use Zone

Irrigation Zone: 4
 Date: 02/15/2013

Admin Contacts

Name	Title	Office	Emergency	Email
HAWKES, ERIC		801-243-5741		ERIC@ECID.ORG

General System Information

1	Local Health Department: Salt Lake County Health Department
2	Admin Contact (AC) <div style="color: blue; font-size: small;">MIN 10pts SM G004 R309-100-4(5)</div> <div style="color: green; font-size: small;">*First Name:</div> <div style="color: green; font-size: small;">*Last Name:</div> <div style="color: green; font-size: small;">*Organization: Emigration Imp District</div> <div style="color: green; font-size: small;">*Address: PO Box 58945</div> <div style="color: green; font-size: small;">*City: Salt Lake City</div> <div style="color: green; font-size: small;">*State: UT</div> <div style="color: green; font-size: small;">*Zip: 84158</div> <div style="color: green; font-size: small;">*Phone: 801-243-5741</div> <div style="color: green; font-size: small;">Emergency Phone: 801-243-5741</div>
3	Owner Contact (OW) <div style="color: blue; font-size: small;">MIN 10pts SM G004 R309-100-4(5)</div> <div style="color: green; font-size: small;">*First Name:</div> <div style="color: green; font-size: small;">*Last Name:</div> <div style="color: green; font-size: small;">*Organization: EMIGRATION IMP DIST</div> <div style="color: green; font-size: small;">*Address: PO BOX 58945</div> <div style="color: green; font-size: small;">*City: SALT LAKE CITY</div> <div style="color: green; font-size: small;">*State: UT</div> <div style="color: green; font-size: small;">*Zip: 84158</div> <div style="color: green; font-size: small;">*Phone:</div>

4 Direct Operator in Charge (DO)
[MIN | 10pts | SM | G004 | R309-100-4\(5\)](#)
*First Name: KEITH JARL
*Last Name: HANSON
*Organization:
*Address: 12374 S LAMPTON VIEW DR
*City: RIVERTON
*State: UT
*Zip: 84065
*Phone: 801-278-9660
Emergency Phone: 801-254-6011

5 Legal Contact (LC)
[MIN | 10pts | SM | G004 | R309-100-4\(5\)](#)
*First Name:
*Last Name:
*Organization: EMIGRATION IMP DISTRICT
*Address: PO BOX 58945
*City: SALT LAKE CITY
*State: UT
*Zip: 84158
*Phone: 801-582-6176

6 DWSP Designated Person (DP)
[MIN | 10pts | SM | G004 | R309-100-4\(5\)](#)
*First Name:
*Last Name:
*Organization: Dan Bennet
*Address: PO Box 58945
*City: Salt Lake City
*State: UT
*Zip: 84158
*Phone: 801-292-4662

7 Population - Residential:
900

8 Population - Transient:
0

9 Population - Non-Transient:
0

10	Population - Wholesale : 0
11	Total Population (calculated in SDWIS: total of 4 types) [DO NOT CHANGE] 600
12	Residential Connections: 300
13	Commercial Connections: 0
14	Industrial Connections: 1
15	Power Production Connections: 0
16	Agricultural Connections: 0
17	Other Connections (SDWIS field called "Combined Connections") 0
18	Total Connections (calculated in SDWIS: total of 6 types) [DO NOT CHANGE] 301
19	System Operating Period (Start Date) 01/01
20	System Operating Period (End Date) 12/31

Site Visit Info

21	Date LHD was notified 09/13/2018
22	Date questions were sent to the System 08/29/2018
23	Water system representative present during the survey: (LIST ONLY ONE NAME IN FIELD. ADD ADDITIONAL NAMES IN NOTES) Larry Hall (Notes: Eric Hawkes)
24	How much time was spent to prepare survey documents prior to field survey? (Round up to nearest quarter hour) 2 Hrs
25	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) 4 Hrs
26	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) 1 hr

27		How much time did it take to finish the Survey Report? (Round up to nearest quarter hour) 4 hrs
28	No Yes	Did you survey multiple water systems in one trip? ... if yes, answer the following question(s) Y (Notes: We also conducted the Ruth's Diner Sanitary Survey in the same trip.)

Management and Operations

29	Compliant Deficient Not Applicable	No undocumented sources are physically connected to the drinking water system. (IF SOURCE IS NOT IN SYSTEM INVENTORY MARK "DEFICIENCY") SIG 200pts SO S001 R309-105-6(1) C
30	Compliant Deficient Not Applicable	For a community water system without naturally flowing water sources (springs or artesian wells), system has least one source of standby power. SIG 25pts SO S033 R309-515-6(2) NA
31	Compliant Deficient Not Applicable	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 [LIST UNDOCUMENTED FACILITIES OR DESCRIBE MODIFICATIONS, IF APPLICABLE] [undocumented sources are covered in a different question] SIG 50pts SM G001 R309-105-6(1) C
32	Compliant Deficient Not Applicable	No individual home booster pumps installed to meet the minimum pressure required in distribution system. SIG 50pts DS M020 R309-105-12(1) C
33	No Yes	Is there a procedure in place to respond immediately to customer complaints? ... if yes, answer the following question(s) Y
33A		What type of complaints do you receive? Phone, Email
33B		How do you respond to customer complaints? Phone, in person (Notes: Eric Hawkes will call the operator immediately and looks for possible solutions.)
34	No Yes	Does the system haul water? ... if yes, answer the following question(s) N
34A	Compliant Deficient Not Applicable	System has DDW approval to haul water (community water systems prohibited from permanent water hauling). SIG 150pts SM M011 R309-550-10(2)
34B	Compliant Deficient Not Applicable	DDW guidance for water hauling is followed. SIG 50pts SM M012 R309-550-(1)
35	Compliant Deficient Not Applicable	For a community system serving 100 or more connections, at least 2 water sources are available. REC 0pts SO TGR7 R309-515-4(3) C

36	Compliant Deficient Not Applicable	All new, active sources have an approved PER <i>SIG 150pts SM SP06 R309-600-13(6) & 605-9(3)</i> <i>NA</i>
37	No Yes	Purchase water? ... if yes, answer the following question(s) <i>N</i>
37A		Name of PWS that water is purchased from: (IF MORE THAN ONE NAME, LIST FIRST NAME IN FIELD AND OTHERS IN NOTES)
37B		ID Number of PWS that water is purchased from: (IF MORE THAN ONE NUMBER, LIST FIRST NUMBER IN FIELD AND OTHERS IN NOTES)
37C	Compliant Deficient Not Applicable	The interconnection has been approved by DDW. <i>SIG 200pts SO M025 R309-550-9(3)</i>
38	No Yes	Sell water? ... if yes, answer the following question(s) <i>N</i>
38A		Name of PWS that water is sold to: (IF MORE THAN ONE NAME, LIST FIRST NAME IN FIELD AND OTHERS IN NOTES)
38B		ID Number of PWS that water is sold to: (IF MORE THAN ONE NUMBER, LIST FIRST NUMBER IN FIELD AND OTHERS IN NOTES)
39	No Yes	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." <i>N</i>
39A	No Yes	Has at least 90% of the required source capacity <i>MIN 10pts SO S090 R309-510-7</i>
39B	No Yes	Has at least 80% but less than 90% of the required source capacity <i>SIG 20pts SO S091 R309-510-7</i>
39C	No Yes	Has at least 70% but less than 80% of the required source capacity <i>SIG 30pts SO S092 R309-510-7</i>
39D	No Yes	Has at least 60% but less than 70% of the required source capacity <i>SIG 40pts SO S093 R309-510-7</i>
39E	No Yes	Has less than 60% of the required source capacity <i>SIG 50pts SO S094 R309-510-7</i>
40	No Yes	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." <i>N</i>
40A	No Yes	Has at least 90% of the required storage capacity <i>MIN 10pts FW VF30 R309-510-8</i>
40B	No Yes	Has at least 80% but less than 90% of the required storage capacity <i>MIN 20pts FW VF31 R309-510-8</i>
40C	No Yes	Has at least 70% but less than 80% of the required storage capacity <i>MIN 30pts FW VF32 R309-510-8</i>

40D	No Yes	Has at least 60% but less than 70% of the required storage capacity <i>MIN 40pts FW VF33 R309-510-8</i>
40E	No Yes	Has less than 60% of the required storage capacity <i>MIN 50pts FW VF34 R309-510-8</i>
41	No Yes	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
41A	No Yes	Has at least 90% of the required storage capacity <i>MIN 10pts FW V030 R309-510-8</i>
41B	No Yes	Has at least 80% but less than 90% of the required storage capacity <i>SIG 20pts FW V031 R309-510-8</i>
41C	No Yes	Has at least 70% but less than 80% of the required storage capacity <i>SIG 30pts FW V032 R309-510-8</i>
41D	No Yes	Has at least 60% but less than 70% of the required storage capacity <i>SIG 40pts FW V033 R309-510-8</i>
41E	No Yes	Has less than 60% of the required storage capacity <i>SIG 50pts FW V034 R309-510-8</i>
42	No Yes	Does the system serve fewer than 3,300 persons? ... if yes, answer the following question(s) Y
42A	No Yes	Does the system have a written Emergency Response Plan? (Credit points given for "yes" answer) <i>REC -10pts SM M001 R309-150-10(2)</i> Y (Notes: Emergency response plan was updated in April of 2018.)
42B	No Yes	Has the Emergency Response Plan been updated within the last 3 years? Y
43	No Yes	Does the system serve 3,300 or more persons? ... if yes, answer the following question(s) N
43A	No Yes	Does the system have the EPA required Emergency Response Plan?
43B	No Yes	Has the Emergency Response Plan been updated within the last 3 years? (Credit points given for "yes" answer) <i>REC -10pts SM M001 R309-150-10(2)</i>

Cross Connection Control Program

44	Compliant Deficient Not Applicable	Legally adopted authority statement <i>MIN 10pts SM M003 R309-105-12(2)(a)</i> C (Notes: At the time of the survey they did not a their authority statement legally adopted. However, on 9/13/18 they adopted an authority statement and sent proof to me on 10/11/18.)
45	Compliant Deficient Not Applicable	Documentation of annual public awareness and/or employee training <i>MIN 10pts SM M004 R309-105-12(2)(b)</i> C

46	Compliant Deficient Not Applicable	Documentation of personnel trained to manage the program (COMPLETION OF DDW APPROVED BACKFLOW 101 TRAINING OR CLASS I BACKFLOW TECHNICIAN CERTIFICATION IS REQUIRED) <i>MIN 10pts SM M005 R309-105-12(2)(c)</i> C
47	Compliant Deficient Not Applicable	Records of hazards found, protection required and installed, enforcement actions, assembly testing etc. <i>MIN 10pts SM M006 R309-105-12(2)(d)</i> C
48	Compliant Deficient Not Applicable	Documentation of on-going program enforcement (I.E., RECORDS OF PERIODIC HAZARD ASSESSMENTS, ANNUAL TEST REPORT, UPDATED ASSEMBLY INVENTORY, ETC.)? <i>MIN 10pts SM M007 R309-105-12(2)(e)</i> NA

Operator Certification

49	Compliant Deficient Not Applicable	Operator meets required level of certification for water system. (IF NO CERTIFIED OPERATOR IS REQUIRED MARK COMPLIANT) <i>SIG 30pts OC C001 R309-300-5(6)</i> C
50	Compliant Deficient Not Applicable	Certified operator is within 1 hour travel time of water system. (IF NO CERTIFIED OPERATOR IS REQUIRED MARK COMPLIANT) <i>MIN 20pts OC C002 R309-300-5(14)</i> C

Distribution

51	Compliant Deficient Not Applicable	No unprotected connection between the distribution system and a source of contamination. (If there is an unprotected connection, describe the location in detail.) <i>SIG 50pts DS M020 R309-105-12(1)</i> C
52	No Yes	Are air release/vacuum valves in the distribution system? ... if yes, answer the following question(s) Y
52A	Compliant Deficient Not Applicable	Open end of vent line covered with #14 mesh screen and down-turned. <i>SIG 10pts DS D004 R309-550-6(6)(b)</i> C
52B	Compliant Deficient Not Applicable	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. <i>SIG 10pts DS D006 R309-550-6(6)(b)</i> C
52C	Compliant Deficient Not Applicable	Chamber has drain to daylight, gravel-filled adsorption pit if not subject to flooding, or sump pump. <i>SIG 30pts DS D007 R309-550-6(7)(b)</i> C

52D	Compliant Deficient Not Applicable	Chamber is not flooded at the time of the inspection. <i>SIG 50pts DS D008 R309-550-6(7)(b)</i> C
53	No Yes	Does any distribution line cross under a surface water body greater than 15 feet wide (e.g., streams, ponds, or unlined canals)? ... if yes, answer the following question(s) N
53A	Compliant Deficient Not Applicable	Line has restrained joints, isolation valves on both sides of crossing, and means to take samples up and downstream of the crossing. <i>SIG 50pts DS D011 R309-550-8(8)(b)</i>
54	Compliant Deficient Not Applicable	Water system has a program to maintain, operate, or control the use of fire hydrants. <i>REC 0pts DS D012 N/A</i> C
55	Compliant Deficient Not Applicable	Blow offs or air release valves are not directly connected to a sewer and do not discharge below flood level in ditches or streams. <i>SIG 20pts DS D013 R309-550-6(6)(c)</i> NA
56	Compliant Deficient Not Applicable	All water mains installed after 1995 that provide fire flow are at least 8 inches in diameter. <i>MIN 5pts DS D019 R309-550-5(4)</i> C
57	Compliant Deficient Not Applicable	Distribution system capable of providing minimum pressure of 20 psi at all service connections. <i>SIG 50pts DS D003 R309-550-5(1)(a)</i> C
58	No Yes	Was the water system constructed or new portions added after January 1, 2007? ... if yes, answer the following question(s) Y
58A	Compliant Deficient Not Applicable	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. <i>SIG 50pts DS D010 R309-105-9(2)</i> C

General Disinfection

59	Compliant Deficient Not Applicable	Water system follows AWWA disinfection procedures for new, repaired, or seasonal water mains and tanks. <i>SIG 10pts MR D018 R309-550-8(10)</i> C
60	0 times per year 1 - 2 times per year 3 - 6 times per year every month	How often do you periodically disinfect any or all parts of your water system (ie batch disinfection) other than for repairs or maintenance? <i>SIG 35pts TR TD25 R309-200-5(7)</i> C

Monitoring/Reporting and Data Verification

61	Compliant Deficient Not Applicable	Bacteriological sample site plan contain representative sample sites covering the customers served (see IPS COMPLIANCE SCHEDULES on IPS Report) MIN 5pts MR R001 R309-211-4(1) C
62	No Yes	Reminder: If the system has sample analysis data that DDW does not have did you obtain copies of the missing data and forward to DDW? Y
63	No Yes	Reminder: Did you review the correctness of all contact information? Y
64	No Yes	Reminder: Did you review and discuss the master report, DWSP report and exception report with the system representatives? Y
65	No Yes	Reminder: Did you conduct an EXIT INTERVIEW with the system representatives including identifying all significant deficiencies at the conclusion of the survey? Y

WS001 - FREEZE CREEK WELL - Active

66		Operating Period (Start Date) 01/01
67		Operating Period (Ending Date) 12/31
68		Well Equipped Capacity (GPM) [SDWIS field: PUMP] 60
69		Well Safe Yield (GPM) [SDWIS field: SYLD] (use 999 if unknown and describe in Comments) 100
70		Well Test Yield (GPM) [SDWIS field: TYLD] (use 999 if unknown and describe in Comments) 999
71	Compliant Deficient Not Applicable	Well casing is at least 18 inches above finished ground surface and 12 inches above well house floor. SIG 20pts SO S003 R309-515-6(6)(b)(vi) C
72	Compliant Deficient Not Applicable	Well surface seal (sanitary seal) is present to prevent contamination SIG 50pts SO S013 R309-515-6(6)(i) NA
73	No Yes	Is the well casing vented? ... if yes, answer the following question(s) Y
74	No Yes	Does the well have a pump to waste line? ... if yes, answer the following question(s) Y
75	Compliant Deficient Not Applicable	Means available to periodically measure water levels. MIN 1pts SO S015 R309-515-6(12)(e)(i) C

76	Compliant Deficient Not Applicable	Wellhead secured to protect quality water <i>SIG 20pts SO S002 R309-515-6(13)</i> C
77	Compliant Deficient Not Applicable	Well head or well house and equipment protected from flooding <i>MIN 5pts SO S020 R309-515-6-(13)(b)</i> C
78	Compliant Deficient Not Applicable	There are no unprotected cross-connections in well discharge piping. <i>SIG 20pts SO S021 R309-515-6(12)(d)(iii)</i> C (Notes: There was a hose hooked into the well discharge piping. When I pointed out that that was violation, they removed the hose and provided photographic evidence of using a vacuum breaker moving forward.)
79	Compliant Deficient Not Applicable	No toxic chemicals or hazardous or flammable materials or lubricants are inside the well house or near well head. <i> 0pts TR TGR5 TBD</i> C
80	Compliant Deficient Not Applicable	Well discharge line has a smooth-nosed sampling tap (first item from the well head). <i>MIN 1pts SO S023 R309-515-6(12)(d)(iv)</i> C
81	Compliant Deficient Not Applicable	Well discharge line has a check valve. <i>MIN 1pts SO S024 R309-515-6(12)(d)(iv)</i> C
82	Compliant Deficient Not Applicable	Well discharge line has a pressure gauge. <i>MIN 1pts SO S025 R309-515-6(12)(d)(iv)</i> C
83	Compliant Deficient Not Applicable	Well discharge line has a means to measure flow. <i>MIN 1pts SO S026 R309-515-6(12)(d)(iv)</i> C
84	Compliant Deficient Not Applicable	Well discharge line has a shut-off valve (last item from the well head). <i>MIN 1pts SO S027 R309-515-6(12)(d)(iv)</i> C
85	Compliant Deficient Not Applicable	Air vacuum relief valve on well discharge piping downturned <i>MIN 2pts SO S028 R309-515-6(12)(d)(v)</i> C
86	Compliant Deficient Not Applicable	Air vacuum relief valve on well discharge piping screened with #14 mesh screen <i>SIG 2pts SO S029 R309-515-6(12)(d)(v)</i> C
87	Compliant Deficient Not Applicable	Air vacuum relief valve on well discharge piping has at least 6 inches of clearance above floor <i>MIN 2pts SO S030 R309-515-6(12)(d)(v)</i> C

88	Compliant Deficient Not Applicable	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)</i> C
89	Compliant Deficient Not Applicable	Well lubricants ANSI/NSF 60 certified <i>SIG 25pts SO S031 R309-105-10(7) & R309-515-8(2)</i> C
WS002 - WELL #2 - Active		
90		Operating Period (Start Date) 01/01
91		Operating Period (Ending Date) 12/31
92		Well Equipped Capacity (GPM) [SDWIS field: PUMP] 250
93		Well Safe Yield (GPM) [SDWIS field: SYLD] (use 999 if unknown and describe in Comments) 200
94		Well Test Yield (GPM) [SDWIS field: TYLD] (use 999 if unknown and describe in Comments) 999
95	Compliant Deficient Not Applicable	Well casing is at least 18 inches above finished ground surface and 12 inches above well house floor. <i>SIG 20pts SO S003 R309-515-6(6)(b)(vi)</i> C
96	Compliant Deficient Not Applicable	Well surface seal (sanitary seal) is present to prevent contamination <i>SIG 50pts SO S013 R309-515-6(6)(i)</i> C
97	No Yes	Is the well casing vented? ... if yes, answer the following question(s) Y
98	No Yes	Does the well have a pump to waste line? ... if yes, answer the following question(s) Y
99	Compliant Deficient Not Applicable	Means available to periodically measure water levels. <i>MIN 1pts SO S015 R309-515-6(12)(e)(i)</i> C
100	Compliant Deficient Not Applicable	Wellhead secured to protect quality water <i>SIG 20pts SO S002 R309-515-6(13)</i> C
101	Compliant Deficient Not Applicable	Well head or well house and equipment protected from flooding <i>MIN 5pts SO S020 R309-515-6-(13)(b)</i> C

102	Compliant Deficient Not Applicable	There are no unprotected cross-connections in well discharge piping. <i>SIG 20pts SO S021 R309-515-6(12)(d)(iii)</i> C
103	Compliant Deficient Not Applicable	No toxic chemicals or hazardous or flammable materials or lubricants are inside the well house or near well head. <i> 0pts TR TGR5 TBD</i> C
104	Compliant Deficient Not Applicable	Well discharge line has a smooth-nosed sampling tap (first item from the well head). <i>MIN 1pts SO S023 R309-515-6(12)(d)(iv)</i> C
105	Compliant Deficient Not Applicable	Well discharge line has a check valve. <i>MIN 1pts SO S024 R309-515-6(12)(d)(iv)</i> C
106	Compliant Deficient Not Applicable	Well discharge line has a pressure gauge. <i>MIN 1pts SO S025 R309-515-6(12)(d)(iv)</i> C
107	Compliant Deficient Not Applicable	Well discharge line has a means to measure flow. <i>MIN 1pts SO S026 R309-515-6(12)(d)(iv)</i> C
108	Compliant Deficient Not Applicable	Well discharge line has a shut-off valve (last item from the well head). <i>MIN 1pts SO S027 R309-515-6(12)(d)(iv)</i> C
109	Compliant Deficient Not Applicable	Air vacuum relief valve on well discharge piping downturned <i>MIN 2pts SO S028 R309-515-6(12)(d)(v)</i> C
110	Compliant Deficient Not Applicable	Air vacuum relief valve on well discharge piping screened with #14 mesh screen <i>SIG 2pts SO S029 R309-515-6(12)(d)(v)</i> C
111	Compliant Deficient Not Applicable	Air vacuum relief valve on well discharge piping has at least 6 inches of clearance above floor <i>MIN 2pts SO S030 R309-515-6(12)(d)(v)</i> C
112	Compliant Deficient Not Applicable	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)</i> C
113	Compliant Deficient Not Applicable	Well lubricants ANSI/NSF 60 certified <i>SIG 25pts SO S031 R309-105-10(7) & R309-515-8(2)</i> C

WS004 - UPPER FREEZE CREEK WELL - Active

114		Operating Period (Start Date) 01/01
115		Operating Period (Ending Date) 12/31
116		Well Equipped Capacity (GPM) [SDWIS field: PUMP] 280
117		Well Safe Yield (GPM) [SDWIS field: SYLD] (use 999 if unknown and describe in Comments) 400
118		Well Test Yield (GPM) [SDWIS field: TYLD] (use 999 if unknown and describe in Comments) 600
119	Compliant Deficient Not Applicable	Well casing is at least 18 inches above finished ground surface and 12 inches above well house floor. SIG 20pts SO S003 R309-515-6(6)(b)(vi) C
120	Compliant Deficient Not Applicable	Well surface seal (sanitary seal) is present to prevent contamination SIG 50pts SO S013 R309-515-6(6)(i) C
121	No Yes	Is the well casing vented? ... if yes, answer the following question(s) N
122	No Yes	Does the well have a pump to waste line? ... if yes, answer the following question(s) Y
123	Compliant Deficient Not Applicable	Means available to periodically measure water levels. MIN 1pts SO S015 R309-515-6(12)(e)(i) C
124	Compliant Deficient Not Applicable	Wellhead secured to protect quality water SIG 20pts SO S002 R309-515-6(13) C
125	Compliant Deficient Not Applicable	Well head or well house and equipment protected from flooding MIN 5pts SO S020 R309-515-6-(13)(b) C
126	Compliant Deficient Not Applicable	There are no unprotected cross-connections in well discharge piping. SIG 20pts SO S021 R309-515-6(12)(d)(iii) C (Notes: There was a hose hooked into the well discharge piping. When I pointed out that that was violation, they removed the hose and provided photographic evidence of using a vacuum breaker moving forward.)

127	Compliant Deficient Not Applicable	No toxic chemicals or hazardous or flammable materials or lubricants are inside the well house or near well head. Opts TR TGR5 TBD C (Notes: There were paint and motor oil stored in the well house. I pointed out that they could be considered hazardous and questioned why they were even stored in the well house to begin with. The operator promptly removed the items and assured me he would not store them there in the future.)
128	Compliant Deficient Not Applicable	Well discharge line has a smooth-nosed sampling tap (first item from the well head). MIN 1pts SO S023 R309-515-6(12)(d)(iv) C
129	Compliant Deficient Not Applicable	Well discharge line has a check valve. MIN 1pts SO S024 R309-515-6(12)(d)(iv) C
130	Compliant Deficient Not Applicable	Well discharge line has a pressure gauge. MIN 1pts SO S025 R309-515-6(12)(d)(iv) C
131	Compliant Deficient Not Applicable	Well discharge line has a means to measure flow. MIN 1pts SO S026 R309-515-6(12)(d)(iv) C
132	Compliant Deficient Not Applicable	Well discharge line has a shut-off valve (last item from the well head). MIN 1pts SO S027 R309-515-6(12)(d)(iv) C
133	Compliant Deficient Not Applicable	Air vacuum relief valve on well discharge piping downturned MIN 2pts SO S028 R309-515-6(12)(d)(v) C
134	Compliant Deficient Not Applicable	Air vacuum relief valve on well discharge piping screened with #14 mesh screen SIG 2pts SO S029 R309-515-6(12)(d)(v) C
135	Compliant Deficient Not Applicable	Air vacuum relief valve on well discharge piping has at least 6 inches of clearance above floor MIN 2pts SO S030 R309-515-6(12)(d)(v) C
136	Compliant Deficient Not Applicable	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) MIN 5pts SO SL01 R309-515-6(12)(d)(v) C
137	Compliant Deficient Not Applicable	Well lubricants ANSI/NSF 60 certified SIG 25pts SO S031 R309-105-10(7) & R309-515-8(2) NA

ST001 - EMIGRATION / OAK RESERVOIR

138		Storage tank capacity in gallons 300000
139	Compliant Deficient Not Applicable	Ladders, ladder guards, platform railings, or safely located entrance hatches are provided. <i>MIN 2pts FW V004 R309-545-19(1)</i> C
140	Compliant Deficient Not Applicable	Tank is vented. <i>SIG 6pts FW VL02 R309-545-15</i> C
141	No Yes	Are air vents present? ... if yes, answer the following question(s) Y
141A	Compliant Deficient Not Applicable	Vent is down-turned and shielded to prevent entrance of contaminants. <i>MIN 2pts FW V005 R309-545-15(1)</i> C
141B	Compliant Deficient Not Applicable	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 2pts FW V006 R309-545-15(2)</i> C
141C	Compliant Deficient Not Applicable	Vent covered with #14 or finer non-corrodible mesh screen. <i>SIG 2pts FW V007 R309-545-15(4)&(5)</i> C
141D	Compliant Deficient Not Applicable	Vent 6-inch diameter and larger protected with additional heavy-gauge screen or substantial covering. <i>MIN 0pts FW V035 R309-545-15(5)</i> C
142	Compliant Deficient Not Applicable	Tank has at least one access opening. <i>MIN 9pts FW VL03 R309-545-14</i> C
143	No Yes	Are access openings present? ... if yes, answer the following question(s) Y
143A	Compliant Deficient Not Applicable	Access opening framed at least 4 inches above roof surface or 18 inches above earthen cover. <i>MIN 3pts FW V008 R309-545-14(1)</i> C
143B	Compliant Deficient Not Applicable	Access opening shoe box type with at least 2 inches of overlap <i>MIN 3pts FW V010 R309-545-14(2)</i> C
143C	Compliant Deficient Not Applicable	Access opening lid properly gasketed <i>MIN 3pts FW V009 R309-545-14(2)</i> D (Notes: Gasket is worn)

144	Compliant Deficient Not Applicable	Access opening locked <i>SIG 20pts FW V029 R309-545-14(3)</i> C
145	Compliant Deficient Not Applicable	Roof or wall penetrations sealed <i>SIG 50pts FW V017 R309-545-9(2)(b)</i> NA
146	Compliant Deficient Not Applicable	Area surrounding ground-level or buried storage tank is graded to prevent surface water from standing within 50 feet. <i>MIN 5pts TR V001 R309-545-7(4)</i> C
147	Compliant Deficient Not Applicable	Storage tank roof is sloped to prevent ponding <i>MIN 10pts FW V003 R309-545-9(4)</i> C
148	No Yes	Are there cracks in the walls or roof of the storage tanks? (SELECT ONLY ONE OF THE FOLLOWING OPTIONS) N
148A	No Yes	Is there evidence of mild deterioration or spalling? <i>REC 0pts FW V020 R309-545-9(1)</i>
148B	No Yes	Is there evidence of moderate deterioration or spalling? <i>MIN 20pts FW V021 R309-545-9(1)</i>
148C	No Yes	Is there evidence of water leakage such as water marks or stains? <i>SIG 30pts FW V022 R309-545-9(1)</i>
148D	No Yes	Is there water leaking at the time of site visit? <i>SIG 40pts FW V023 R309-545-9(1)</i>
148E	No Yes	Is there evidence of water intrusion into the tank through cracks or other openings? <i>SIG 50pts FW V024 R309-545-9(1)</i>
148F	No Yes	Are there openings that would allow animals or debris to enter the tank? <i>SIG 200pts FW V002 R309-545-9(1)</i>
149	Compliant Deficient Not Applicable	Tank has an overflow discharge line. <i>SIG 15pts FW VL01 R309-545-13</i> C
150	No Yes	Is a tank overflow present? ... if yes, answer the following question(s) Y
150A	Compliant Deficient Not Applicable	Overflow line discharges 12 to 24 inches above ground or the flood rim of receiving basin. <i>MIN 5pts FW V011 R309-545-13</i> C
150B	Compliant Deficient Not Applicable	Overflow line covered with #4 mesh non-corrodible screen <i>SIG 5pts FW V012 R309-545-13(3)</i> C

150C	Compliant Deficient Not Applicable	Overflow line not connected, nor discharges, to a sanitary sewer. MIN 5pts FW V013 R309-545-13(5) C
151	Compliant Deficient Not Applicable	Drain line terminates at least 12 inches above ground or flood rim of receiving basin MIN 5pts FW V016 R309-545-10(1)(d) C

ST002 - WILDFLOWER RESERVOIR

152		Storage tank capacity in gallons 1000000
153	Compliant Deficient Not Applicable	Ladders, ladder guards, platform railings, or safely located entrance hatches are provided. MIN 2pts FW V004 R309-545-19(1) C
154	Compliant Deficient Not Applicable	Tank is vented. SIG 6pts FW VL02 R309-545-15 C
155	No Yes	Are air vents present? ... if yes, answer the following question(s) Y
155A	Compliant Deficient Not Applicable	Vent is down-turned and shielded to prevent entrance of contaminants. MIN 2pts FW V005 R309-545-15(1) C
155B	Compliant Deficient Not Applicable	End of vent terminates at least 24 inches above earthen cover (buried tank) and is located and sized to avoid blockage during winter. MIN 2pts FW V006 R309-545-15(2) C
155C	Compliant Deficient Not Applicable	Vent covered with #14 or finer non-corrodible mesh screen. SIG 2pts FW V007 R309-545-15(4)&(5) C
155D	Compliant Deficient Not Applicable	Vent 6-inch diameter and larger protected with additional heavy-gauge screen or substantial covering. MIN 0pts FW V035 R309-545-15(5) C
156	Compliant Deficient Not Applicable	Tank has at least one access opening. MIN 9pts FW VL03 R309-545-14 C
157	No Yes	Are access openings present? ... if yes, answer the following question(s) Y
157A	Compliant Deficient Not Applicable	Access opening framed at least 4 inches above roof surface or 18 inches above earthen cover. MIN 3pts FW V008 R309-545-14(1) C

157B	Compliant Deficient Not Applicable	Access opening shoe box type with at least 2 inches of overlap <i>MIN 3pts FW V010 R309-545-14(2)</i> C
157C	Compliant Deficient Not Applicable	Access opening lid properly gasketed <i>MIN 3pts FW V009 R309-545-14(2)</i> C
158	Compliant Deficient Not Applicable	Access opening locked <i>SIG 20pts FW V029 R309-545-14(3)</i> C
159	Compliant Deficient Not Applicable	Roof or wall penetrations sealed <i>SIG 50pts FW V017 R309-545-9(2)(b)</i> C
160	Compliant Deficient Not Applicable	Area surrounding ground-level or buried storage tank is graded to prevent surface water from standing within 50 feet. <i>MIN 5pts TR V001 R309-545-7(4)</i> C
161	Compliant Deficient Not Applicable	Storage tank roof is sloped to prevent ponding <i>MIN 10pts FW V003 R309-545-9(4)</i> C
162	No Yes	Are there cracks in the walls or roof of the storage tanks? (SELECT ONLY ONE OF THE FOLLOWING OPTIONS) N (Notes: Assumed no, no evidence of cracks. (The tank is buried))
162A	No Yes	Is there evidence of mild deterioration or spalling? <i>REC 0pts FW V020 R309-545-9(1)</i>
162B	No Yes	Is there evidence of moderate deterioration or spalling? <i>MIN 20pts FW V021 R309-545-9(1)</i>
162C	No Yes	Is there evidence of water leakage such as water marks or stains? <i>SIG 30pts FW V022 R309-545-9(1)</i>
162D	No Yes	Is there water leaking at the time of site visit? <i>SIG 40pts FW V023 R309-545-9(1)</i>
162E	No Yes	Is there evidence of water intrusion into the tank through cracks or other openings? <i>SIG 50pts FW V024 R309-545-9(1)</i>
162F	No Yes	Are there openings that would allow animals or debris to enter the tank? <i>SIG 200pts FW V002 R309-545-9(1)</i>
163	Compliant Deficient Not Applicable	Tank has an overflow discharge line. <i>SIG 15pts FW VL01 R309-545-13</i> C
164	No Yes	Is a tank overflow present? ... if yes, answer the following question(s) Y

164A	Compliant Deficient Not Applicable	Overflow line discharges 12 to 24 inches above ground or the flood rim of receiving basin. MIN 5pts FW V011 R309-545-13 C
164B	Compliant Deficient Not Applicable	Overflow line covered with #4 mesh non-corrodible screen SIG 5pts FW V012 R309-545-13(3) C
164C	Compliant Deficient Not Applicable	Overflow line not connected, nor discharges, to a sanitary sewer. MIN 5pts FW V013 R309-545-13(5) C
165	Compliant Deficient Not Applicable	Drain line terminates at least 12 inches above ground or flood rim of receiving basin MIN 5pts FW V016 R309-545-10(1)(d) C

TP001 - BRIGHAM FORK CHLORINATOR - Treatment General

166		Operating Period (Start Date) 01/01 (Notes: Inactive)
167		Operating Period (Ending Date) 12/31
168		What is the objective of the treatment process (e.g., surface water treatment, disinfection, arsenic removal, TDS removal etc.) Inactive
169	Compliant Deficient Not Applicable	Process control testing is consistent with the specific treatment process MIN 30pts TR TG32 R309-525-19 NA
170	Compliant Deficient Not Applicable	There is a means to accurately measure the quantities of chemicals used. MIN 20pts TR TG63 R309-525-11(7)(a)(i). NA
171	Compliant Deficient Not Applicable	Treatment plant properly secured to protect the quality of the treated water SIG 20pts TR TD99 309-515-6(13)(f) NA
172	No Yes	Is this treatment plant for treating either surface water or UDI source? ... if yes, answer the following question(s) N
172A	Compliant Deficient Not Applicable	Cross connection control is provided for the in-plant water supply. SIG 10pts TR TG64 R309-525-11(9)(b)
172B	Compliant Deficient Not Applicable	Pre- and post-chlorination systems for surface water plants are independent to prevent siphoning of raw or partially treated water into the clear well. SIG 10pts TR TD52 R309-525-11(9)©
172C		What percent of influent flow is recycled backwash water?
172D		If backwash water is recycled, where does the recycle water re-enter the treatment plant?

172E	Compliant Deficient Not Applicable	For a surface water plant serving more than 3,300 persons, chlorine residual of water entering the distribution system is continuously measured. <i>MIN 20pts TR TG34 R309-215-10</i>
173	No Yes	Are liquid chemicals used? ... if yes, answer the following question(s) N
173A	Compliant Deficient Not Applicable	Proper cross-connection control is provided on the service water lines that feed the solution tanks <i>SIG 10pts TR TG53 R309-525-11(9)(b)</i>
173B	Compliant Deficient Not Applicable	There are adequate spill containment provisions for acid and caustic liquids. <i>MIN 2pts TR TG59 R309-525-11(6)(a)(iv)(B)</i>
173C	Compliant Deficient Not Applicable	If there is a day tank, acid storage and day tanks are provided with separate screened vents. <i>MIN 2pts TR TG60 R309-525-11(8)(b)(vi)</i>
173D	Compliant Deficient Not Applicable	Solution tanks and tank refilling line entry points are properly labeled to identify the chemicals or liquids <i>MIN 2pts TR TG03 R309-525-11(8)(c)(vii)</i>
173E	Compliant Deficient Not Applicable	No direct connections exist between a sewer and drain or overflow from the feeder, solution chamber, or tank. <i>MIN 2pts TR TG06 R309-525-11(9)(b)(iii)</i>
173F	Compliant Deficient Not Applicable	Spare parts are available for all chemical feeders <i>MIN 2pts TR TG08 R309-525-11(7)(b)(v)</i>
173G	Compliant Deficient Not Applicable	Incompatible chemicals stored separately <i>MIN 2pts TR TG19 R309-525-11(7)(a)(iv)</i>
173H	Compliant Deficient Not Applicable	Daily operating records reflect chemical dosages and total quantities used <i>SIG 2pts MR TG20 R309-105-14(3)(a)</i>
174	Compliant Deficient Not Applicable	Treatment chemicals meet ANSI/NSF 60. <i>SIG 25pts TR TG27 R309-525-11(5)</i> NA

TP002 - WELL 2 CHLORINATOR - Treatment General

175		Operating Period (Start Date) 01/01
176		Operating Period (Ending Date) 12/31
177		What is the objective of the treatment process (e.g., surface water treatment, disinfection, arsenic removal, TDS removal etc.) Disinfection
178	Compliant Deficient Not Applicable	Process control testing is consistent with the specific treatment process <i>MIN 30pts TR TG32 R309-525-19</i> C

179	Compliant Deficient Not Applicable	There is a means to accurately measure the quantities of chemicals used. MIN 20pts TR TG63 R309-525-11(7)(a)(i) . C
180	Compliant Deficient Not Applicable	Treatment plant properly secured to protect the quality of the treated water SIG 20pts TR TD99 309-515-6(13)(f) C
181	No Yes	Is this treatment plant for treating either surface water or UDI source? ... if yes, answer the following question(s) N
181A	Compliant Deficient Not Applicable	Cross connection control is provided for the in-plant water supply. SIG 10pts TR TG64 R309-525-11(9)(b)
181B	Compliant Deficient Not Applicable	Pre- and post-chlorination systems for surface water plants are independent to prevent siphoning of raw or partially treated water into the clear well. SIG 10pts TR TD52 R309-525-11(9)©
181C		What percent of influent flow is recycled backwash water?
181D		If backwash water is recycled, where does the recycle water re-enter the treatment plant?
181E	Compliant Deficient Not Applicable	For a surface water plant serving more than 3,300 persons, chlorine residual of water entering the distribution system is continuously measured. MIN 20pts TR TG34 R309-215-10
182	No Yes	Are liquid chemicals used? ... if yes, answer the following question(s) Y
182A	Compliant Deficient Not Applicable	Proper cross-connection control is provided on the service water lines that feed the solution tanks SIG 10pts TR TG53 R309-525-11(9)(b) C
182B	Compliant Deficient Not Applicable	There are adequate spill containment provisions for acid and caustic liquids. MIN 2pts TR TG59 R309-525-11(6)(a)(iv)(B) C
182C	Compliant Deficient Not Applicable	If there is a day tank, acid storage and day tanks are provided with separate screened vents. MIN 2pts TR TG60 R309-525-11(8)(b)(vi) NA
182D	Compliant Deficient Not Applicable	Solution tanks and tank refilling line entry points are properly labeled to identify the chemicals or liquids MIN 2pts TR TG03 R309-525-11(8)(c)(vii) C
182E	Compliant Deficient Not Applicable	No direct connections exist between a sewer and drain or overflow from the feeder, solution chamber, or tank. MIN 2pts TR TG06 R309-525-11(9)(b)(iii) C

182F	Compliant Deficient Not Applicable	Spare parts are available for all chemical feeders MIN 2pts TR TG08 R309-525-11(7)(b)(v) C
182G	Compliant Deficient Not Applicable	Incompatible chemicals stored separately MIN 2pts TR TG19 R309-525-11(7)(a)(iv) C
182H	Compliant Deficient Not Applicable	Daily operating records reflect chemical dosages and total quantities used SIG 2pts MR TG20 R309-105-14(3)(a) C
183	Compliant Deficient Not Applicable	Treatment chemicals meet ANSI/NSF 60. SIG 25pts TR TG27 R309-525-11(5) C

TP004 - UPPER FREEZE CREEK CHLORINATOR - Treatment General

184		Operating Period (Start Date) 01/01
185		Operating Period (Ending Date) 12/31
186		What is the objective of the treatment process (e.g., surface water treatment, disinfection, arsenic removal, TDS removal etc.) Disinfection
187	Compliant Deficient Not Applicable	Process control testing is consistent with the specific treatment process MIN 30pts TR TG32 R309-525-19 C
188	Compliant Deficient Not Applicable	There is a means to accurately measure the quantities of chemicals used. MIN 20pts TR TG63 R309-525-11(7)(a)(i). C
189	Compliant Deficient Not Applicable	Treatment plant properly secured to protect the quality of the treated water SIG 20pts TR TD99 309-515-6(13)(f) C
190	No Yes	Is this treatment plant for treating either surface water or UDI source? ... if yes, answer the following question(s) N
190A	Compliant Deficient Not Applicable	Cross connection control is provided for the in-plant water supply. SIG 10pts TR TG64 R309-525-11(9)(b)
190B	Compliant Deficient Not Applicable	Pre- and post-chlorination systems for surface water plants are independent to prevent siphoning of raw or partially treated water into the clear well. SIG 10pts TR TD52 R309-525-11(9)©
190C		What percent of influent flow is recycled backwash water?
190D		If backwash water is recycled, where does the recycle water re-enter the treatment plant?

190E	Compliant Deficient Not Applicable	For a surface water plant serving more than 3,300 persons, chlorine residual of water entering the distribution system is continuously measured. <i>MIN 20pts TR TG34 R309-215-10</i>
191	No Yes	Are liquid chemicals used? ... if yes, answer the following question(s) Y
191A	Compliant Deficient Not Applicable	Proper cross-connection control is provided on the service water lines that feed the solution tanks <i>SIG 10pts TR TG53 R309-525-11(9)(b)</i> C
191B	Compliant Deficient Not Applicable	There are adequate spill containment provisions for acid and caustic liquids. <i>MIN 2pts TR TG59 R309-525-11(6)(a)(iv)(B)</i> C
191C	Compliant Deficient Not Applicable	If there is a day tank, acid storage and day tanks are provided with separate screened vents. <i>MIN 2pts TR TG60 R309-525-11(8)(b)(vi)</i> NA
191D	Compliant Deficient Not Applicable	Solution tanks and tank refilling line entry points are properly labeled to identify the chemicals or liquids <i>MIN 2pts TR TG03 R309-525-11(8)(c)(vii)</i> C
191E	Compliant Deficient Not Applicable	No direct connections exist between a sewer and drain or overflow from the feeder, solution chamber, or tank. <i>MIN 2pts TR TG06 R309-525-11(9)(b)(iii)</i> C
191F	Compliant Deficient Not Applicable	Spare parts are available for all chemical feeders <i>MIN 2pts TR TG08 R309-525-11(7)(b)(v)</i> C
191G	Compliant Deficient Not Applicable	Incompatible chemicals stored separately <i>MIN 2pts TR TG19 R309-525-11(7)(a)(iv)</i> C
191H	Compliant Deficient Not Applicable	Daily operating records reflect chemical dosages and total quantities used <i>SIG 2pts MR TG20 R309-105-14(3)(a)</i> C
192	Compliant Deficient Not Applicable	Treatment chemicals meet ANSI/NSF 60. <i>SIG 25pts TR TG27 R309-525-11(5)</i> C

TP004 - UPPER FREEZE CREEK CHLORINATOR - Treatment - Chlorination General

193		What is the typical disinfectant residual level at the entry point of the distribution system? 0.7
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194	Compliant Deficient Not Applicable	When chlorination is required, disinfection has operated uninterrupted during the past year while supplying drinking water. <i>SIG 35pts TR TD25 R309-200-5(7)</i> C
195	Compliant Deficient Not Applicable	No new connections have been added after the point of disinfection that would change the disinfection CT calculation. <i>SIG 35pts TR TD26 R309-400-5(3)(m)(ii)(B)(II)</i> NA
196	Compliant Deficient Not Applicable	Chlorine (gas & hypochlorite solution, tablets, granules,) and chemicals used to generate chlorine solutions and chlorine dioxide meet ANSI/NSF 60. <i>SIG 25pts TR TD90 R309-525-11(5)</i> C
197	Compliant Deficient Not Applicable	If chemical dilution or dissolution is needed, cross-connection control is provided on water lines feeding solution tanks. <i>SIG 10pts TR TD52 R309-525-11(9)©</i> NA
198	Compliant Deficient Not Applicable	There is a means to measure the volume of water treated. <i>MIN 2pts TR TD79 R309-525-11(7)(a)(i)</i> C
199	Compliant Deficient Not Applicable	Chlorine residual test equipment can measure residuals to nearest 0.1 mg/L (below 0.5 mg/L), nearest 0.3 mg/L (0.5 mg/L - 1.0 mg/L), and nearest 0.5 mg/l (above 1.0 mg/L). <i>MIN 2pts TR TD78 R309-520-7(1)(j)</i> C
200	Compliant Deficient Not Applicable	Spare parts are available to replace parts subject to wear and breakage <i>MIN 2pts TR TD75 R309-520-7(1)(k)</i> C

TP001 - BRIGHAM FORK CHLORINATOR - Treatment - Chlorination General

201		What is the typical disinfectant residual level at the entry point of the distribution system? 0 (Notes: INACTIVE)
202	Compliant Deficient Not Applicable	When chlorination is required, disinfection has operated uninterrupted during the past year while supplying drinking water. <i>SIG 35pts TR TD25 R309-200-5(7)</i> NA
203	Compliant Deficient Not Applicable	No new connections have been added after the point of disinfection that would change the disinfection CT calculation. <i>SIG 35pts TR TD26 R309-400-5(3)(m)(ii)(B)(II)</i> NA
204	Compliant Deficient Not Applicable	Chlorine (gas & hypochlorite solution, tablets, granules,) and chemicals used to generate chlorine solutions and chlorine dioxide meet ANSI/NSF 60. <i>SIG 25pts TR TD90 R309-525-11(5)</i> NA

205	Compliant Deficient Not Applicable	If chemical dilution or dissolution is needed, cross-connection control is provided on water lines feeding solution tanks. <i>SIG 10pts TR TD52 R309-525-11(9)©</i> NA
206	Compliant Deficient Not Applicable	There is a means to measure the volume of water treated. <i>MIN 2pts TR TD79 R309-525-11(7)(a)(i)</i> NA
207	Compliant Deficient Not Applicable	Chlorine residual test equipment can measure residuals to nearest 0.1 mg/L (below 0.5 mg/L), nearest 0.3 mg/L (0.5 mg/L - 1.0 mg/L), and nearest 0.5 mg/l (above 1.0 mg/L). <i>MIN 2pts TR TD78 R309-520-7(1)(j)</i> NA
208	Compliant Deficient Not Applicable	Spare parts are available to replace parts subject to wear and breakage <i>MIN 2pts TR TD75 R309-520-7(1)(k)</i> NA
TP002 - WELL 2 CHLORINATOR - Treatment - Chlorination General		
209		What is the typical disinfectant residual level at the entry point of the distribution system? 0.7
210	Compliant Deficient Not Applicable	When chlorination is required, disinfection has operated uninterrupted during the past year while supplying drinking water. <i>SIG 35pts TR TD25 R309-200-5(7)</i> C
211	Compliant Deficient Not Applicable	No new connections have been added after the point of disinfection that would change the disinfection CT calculation. <i>SIG 35pts TR TD26 R309-400-5(3)(m)(ii)(B)(II)</i> NA
212	Compliant Deficient Not Applicable	Chlorine (gas & hypochlorite solution, tablets, granules,) and chemicals used to generate chlorine solutions and chlorine dioxide meet ANSI/NSF 60. <i>SIG 25pts TR TD90 R309-525-11(5)</i> C
213	Compliant Deficient Not Applicable	If chemical dilution or dissolution is needed, cross-connection control is provided on water lines feeding solution tanks. <i>SIG 10pts TR TD52 R309-525-11(9)©</i> NA
214	Compliant Deficient Not Applicable	There is a means to measure the volume of water treated. <i>MIN 2pts TR TD79 R309-525-11(7)(a)(i)</i> C
215	Compliant Deficient Not Applicable	Chlorine residual test equipment can measure residuals to nearest 0.1 mg/L (below 0.5 mg/L), nearest 0.3 mg/L (0.5 mg/L - 1.0 mg/L), and nearest 0.5 mg/l (above 1.0 mg/L). <i>MIN 2pts TR TD78 R309-520-7(1)(j)</i> C

216	Compliant Deficient Not Applicable	Spare parts are available to replace parts subject to wear and breakage MIN 2pts TR TD75 R309-520-7(1)(k) C
TP001 - BRIGHAM FORK CHLORINATOR		
217	Compliant Deficient Not Applicable	If disinfection is required, standby chlorination equipment of sufficient capacity is available to replace the largest unit. MIN 10pts TR TD22 R309-520-7(1)(k)(ii) NA (Notes: INACTIVE)
218	Compliant Deficient Not Applicable	Chlorinator rooms shall be heated, and protected from excessive heat? MIN 2pts TR TD08 R309-520-7(1)(l) NA
219	Compliant Deficient Not Applicable	If continuous disinfection is required, automatic switch over of chlorine cylinders is provided. MIN 2pts TR TD01 R309-520-7(2)(a) NA
220	Compliant Deficient Not Applicable	Exhaust fan takes suction near the floor as far as practical from the door and air inlet, and discharges outside away from air inlets. MIN 5pts TR TD09 R309-520-7(2)(d)(iii) NA
221	Compliant Deficient Not Applicable	Air inlets are located near the ceiling and fitted with louvers. MIN 2pts TR TD10 R309-520-7(2)(d)(iv) NA
222	Compliant Deficient Not Applicable	Chlorine vent line discharges outside and above grade and is screened with #14 mesh screen. MIN 2pts TR TD13 R309-520-7(2)(e) NA
223	Compliant Deficient Not Applicable	Separate switches for chlorine room fans and lights are located near the entrance to the room (or are located outside the chlorine room if housed in a water treatment plant). MIN 2pts TR TD12 R309-520-7(2)(d)(v) NA
224	No Yes	Is the chlorination facility located inside of a water treatment plant housing multiple processes and operating areas? ... if yes, answer the following question(s) N (Notes: INACTIVE)
225	Compliant Deficient Not Applicable	Chlorine cylinder is restrained in position to prevent upset. MIN 2pts TR TD18 R309-520-7(2)(g)(ii) NA
226	Compliant Deficient Not Applicable	Chlorine cylinder is not stored in direct sunlight or exposed to excessive heat. MIN 2pts TR TD17 R309-520-7(2)(f)(ii) NA
227	Compliant Deficient Not Applicable	Weight scale is provided for weighing chlorine gas cylinders/containers. MIN 2pts TR TD02 R309-520-7(2)(i) NA

228	Compliant Deficient Not Applicable	Respiratory protection equipment is available where chlorine gas is handled, stored in convenient location, and not stored where chlorine is used/stored. <i>MIN 5pts TR TD06 R309-520-7(2)(k)(i)&(ii)</i> NA
229	No Yes	Is the chlorine cylinder 150 pounds in capacity? ... if yes, answer the following question(s) N (Notes: INACTIVE)
230	No Yes	Is the chlorine cylinder 1 ton in capacity? ... if yes, answer the following question(s) N (Notes: INACTIVE)
TP002 - WELL 2 CHLORINATOR		
231	Compliant Deficient Not Applicable	If disinfection is required, standby chlorination equipment of sufficient capacity is available to replace the largest unit. <i>MIN 10pts TR TD22 R309-520-7(1)(k)(ii)</i> NA (Notes: NO LONGER GASEOUS SEE LIQUID CHLORINATOR FOR INSPECTION DETAILS)
232	Compliant Deficient Not Applicable	Chlorinator rooms shall be heated, and protected from excessive heat? <i>MIN 2pts TR TD08 R309-520-7(1)(l)</i> NA
233	Compliant Deficient Not Applicable	If continuous disinfection is required, automatic switch over of chlorine cylinders is provided. <i>MIN 2pts TR TD01 R309-520-7(2)(a)</i> NA
234	Compliant Deficient Not Applicable	Exhaust fan takes suction near the floor as far as practical from the door and air inlet, and discharges outside away from air inlets. <i>MIN 5pts TR TD09 R309-520-7(2)(d)(iii)</i> NA
235	Compliant Deficient Not Applicable	Air inlets are located near the ceiling and fitted with louvers. <i>MIN 2pts TR TD10 R309-520-7(2)(d)(iv)</i> NA
236	Compliant Deficient Not Applicable	Chlorine vent line discharges outside and above grade and is screened with #14 mesh screen. <i>MIN 2pts TR TD13 R309-520-7(2)(e)</i> NA
237	Compliant Deficient Not Applicable	Separate switches for chlorine room fans and lights are located near the entrance to the room (or are located outside the chlorine room if housed in a water treatment plant). <i>MIN 2pts TR TD12 R309-520-7(2)(d)(v)</i> NA
238	No Yes	Is the chlorination facility located inside of a water treatment plant housing multiple processes and operating areas? ... if yes, answer the following question(s) N (Notes: NO LONGER GASEOUS)
239	Compliant Deficient Not Applicable	Chlorine cylinder is restrained in position to prevent upset. <i>MIN 2pts TR TD18 R309-520-7(2)(g)(ii)</i> NA

240	Compliant Deficient Not Applicable	Chlorine cylinder is not stored in direct sunlight or exposed to excessive heat. MIN 2pts TR TD17 R309-520-7(2)(f)(ii) NA
241	Compliant Deficient Not Applicable	Weight scale is provided for weighing chlorine gas cylinders/containers. MIN 2pts TR TD02 R309-520-7(2)(i) NA
242	Compliant Deficient Not Applicable	Respiratory protection equipment is available where chlorine gas is handled, stored in convenient location, and not stored where chlorine is used/stored. MIN 5pts TR TD06 R309-520-7(2)(k)(i)&(ii) NA
243	No Yes	Is the chlorine cylinder 150 pounds in capacity? ... if yes, answer the following question(s) N (Notes: NO LONGER GASEOUS)
244	No Yes	Is the chlorine cylinder 1 ton in capacity? ... if yes, answer the following question(s) N (Notes: NO LONGER GASEOUS)

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245	Compliant Deficient Not Applicable	Solution tank is covered to minimize corrosive vapors MIN 2pts TR TD64 R309-525-11(8)(b)(iii) C
246	Compliant Deficient Not Applicable	Where concentrated hypochlorite solutions are handled in containers LARGER than 55 gallons: emergency eyewash station and a safety shower present REC 0pts TR TD65 R309-520-7(3)(a)(i) NA
247	Compliant Deficient Not Applicable	Where concentrated hypochlorite solutions are handled in containers of 55 gallons or LESS: some method of emergency eyewash provided (an eyewash station is not required) REC 0pts TR TD66 R309-520-7(3)(a)(i) C
248	Compliant Deficient Not Applicable	Hypochlorite solution storage area is protected from excessive heat and direct sunlight REC 0pts TR TD67 R309-520-7(3)(a)(ii) C
249	Compliant Deficient Not Applicable	Records are kept to minimize the use of decayed hypochlorite solution REC 0pts TR TD68 R309-520-7(3)(b) C
250	No Yes	Is there on-site generation of hypochlorite solutions? ... if yes, answer the following question(s) N
250A	Compliant Deficient Not Applicable	Make-up water is of drinking water quality REC 0pts TR TD70 R309-520-7(3)(c)(iii)
250B	Compliant Deficient Not Applicable	Hydrogen gas from the electrolytic cell is vented upward and outside in a dedicated, unobstructed line REC 0pts TR TD71 R309-520-7(3)(c)(iv)

251	No Yes	Is a hypochlorite tablet process used? ... if yes, answer the following question(s) N
251A	Compliant Deficient Not Applicable	Tablets are stored in a cool, dry, ventilated area REC Opts TR TD72 R309-520-7(3)(d)(iii)
251B	Compliant Deficient Not Applicable	Tablets are stored separately from combustible materials and acids REC Opts TR TD73 R309-520-7(3)(c)(iii)