

Utah Division of Drinking Water R309-400 Rule - IPS Program Deficiencies								
Deficiency Code (Current)	Deficiency Description (Current)	Deficiency Type (Current)	Points (Current)	Deficiency Code (Current)	Deficiency Description (Proposed)	Deficiency Type (Proposed)	Points (Proposed)	Rule Reference
General								
G004	INSUFFICIENT SYSTEM OWNERSHIP INFORMATION	MIN	10	G004	INSUFFICIENT SYSTEM OWNERSHIP INFORMATION	Min	15	R309-100-4(3)
A025	ADMINISTRATIVE ISSUES - SEE NOTES FOR SPECIFIC DETAILS	MIN	25	A025	Administrative Issues - see R309-400 for details	Min	15	R309-400-11
A050	ADMINISTRATIVE ISSUES - SEE NOTES FOR SPECIFIC DETAILS	SIG	50	A050	Administrative Issues - see R309-400 for details	Sig	25	R309-400-11
A075	ADMINISTRATIVE ISSUES - SEE NOTES FOR SPECIFIC DETAILS	SIG	75	A075	Administrative Issues - see R309-400 for details	Sig	50	R309-400-11
A100	ADMINISTRATIVE ISSUES - SEE NOTES FOR SPECIFIC DETAILS	SIG	100	A100	Administrative Issues - see R309-400 for details	Sig	100	R309-400-11
A150	ADMINISTRATIVE ISSUES - SEE NOTES FOR SPECIFIC DETAILS	SIG	200	A150	Administrative Issues - see R309-400 for details	Sig	200	R309-400-11
A226	PWS DID NOT FOLLOW TYPICAL PLAN APPROVAL PROCESS FOR THIS FACILITY. AFTER THE FACT OP ISSUED. THIS CODE REMAINS UNTIL THE FACILITY IS REPLACED OR BROUGHT UP TO DATE.	REC	0	A226	AFTER THE FACT OP ISSUED FOR FACILITY THAT DID NOT FOLLOW APPROVAL PROCESS. CODE REMAINS UNTIL FACILITY IS REPLACED OR UPDATED.	Rec	0	R309-500-6
Management (Cross Connection Control, Operator Certification, Emergency Response, etc.)								
M020	UNPROTECTED CROSS CONN PRESENT IN DIST SYSTEM	SIG	50	M020	CROSS CONNECTION EXISTS IN WATER SYSTEM	Sig	50	R309-105-12(1)
M003	CCC-LACKS LOCAL AUTHORITY	MIN	10	M003	CCC-LACKS LOCAL AUTHORITY	MIN	15	R309-105-12(2)
M004	CCC-NO ANNUAL PUBLIC EDUCATION OR AWARENESS	MIN	10	M004	CCC-NO ANNUAL PUBLIC EDUCATION OR AWARENESS	MIN	15	R309-105-12(2)
M005	CCC-LACKS OPERATOR TRAINING	MIN	10	M005	CCC-LACKS OPERATOR TRAINING	MIN	15	R309-105-12(2)
M006	CCC-LACKS WRITTEN RECORDS OF CCC ACTIVITIES	MIN	10	M006	CCC-LACKS WRITTEN RECORDS OF CCC ACTIVITIES	MIN	15	R309-105-12(2)
M007	CCC-LACKS ON-GOING ENFORCEMENT IMPLEMENTATION	MIN	10	M007	CCC-LACKS ON-GOING ENFORCEMENT IMPLEMENTATION	MIN	15	R309-105-12(2)
M008	SERVICE CONNECTION RELIES ON INDIVIDUAL HOME BOOSTER PUMP DUE TO INADEQUATE PRESSURE	SIG	50	M008	SERVICE CONNECTIONS IN DISTRIBUTION SYSTEM RELY ON INDIVIDUAL HOME BOOSTER PUMP DUE TO INADEQUATE PRESSURE	Sig	50	R309-550-11(3)
				M009	IMPROPER BACTERIOLOGICAL SAMPLE COLLECTING AND HANDLING	Min	15	R309-215-4(3)
				M014	CONFIRMED PATTERN OF UNSATISFACTORY DRINKING WATER QUALITY SAMPLES	Sig	25	R309-200-6, R309-105-18, R309-215-4(3)
				M015	CONFIRMED WATER BORNE ILLNESS AS A RESULT OF PUBLIC DRINKING WATER CONTAMINATION	Sig	50	R309-105-18(f), R309-215-11
				M016	HISTORY OF VERIFIED CUSTOMER COMPLAINTS REGARDING DRINKING WATER QUALITY OR QUANTITY	Sig	50	R309-105-18(f), R309-215-11

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				M017	WATER STAGNATION, BIOFILM OR SEDIMENTS CONTRIBUTES TO DRINKING WATER CONTAMINATION	Sig	50	R309-200-6, R309-105-18, R309-215-4(3)
				M018	INTERRUPTION OF TREATMENT PROCESS CONTRIBUTES TO DRINKING WATER CONTAMINATION	Sig	50	R309-200-6, R309-105-18, R309-215-5, R309-215-4(3)
M001	CURRENT EMERGENCY RESPONSE PROGRAM	REC	-10					
C001	NO CERTIFIED OPERATOR WHEN REQUIRED FOR SYSTEM	SIG	30	C001	SYSTEM DIRECT RESPONSIBLE CHARGE OPERATORS NOT CERTIFIED AT THE REQUIRED LEVEL	Sig	50	R309-105-11, R309-300-5(3)
				M019	FAILURE TO SUBMIT REQUIRED WATER USE DATA ANNUALLY OR VERIFY DATA ACCURACY	Min	15	R309-105-15(1)
C002	OPERATOR NOT AVAILABLE WITHIN 1-HOUR TRAVEL TIME	MIN	20					
C004	OPERATOR CERTIFIED AT A HIGHER-LEVEL THAN REQUIRED	REC	-20					
M002	CURRENT FINANCIAL CAPACITY PLAN IN PLACE	REC	-10					
G001	WATER SYSTEM FACILITY LACKS PLAN APPROVAL	SIG	50	G001	UNAPPROVED FACILITY IN SERVICE	Sig	50	R309-100-5(2), R309-500-6, R309-500-9, R309-500-9(2) and (3)
B001	UNAPPROVED TREATMENT PROCESS			G006	USING UNAPPROVED TREATMENT PROCESS OR CHEMICAL	SIG	50	R309-105-6(1)(a), R309-500-6
				G007	CONSTRUCTION WITHOUT PRIOR APPROVAL	Sig	50	R309-100-5(1), R309-105-6(1)(a), R309-500-6, R309-500-9, R309-500-9(3)
S001	SOURCE LACKS PLAN APPROVAL	SIG	200	S001	UNAPPROVED SOURCE IN SERVICE	Sig	200	R309-515-6(1)(5), R309-515-7(7), R309-550-9(2) and (3)
M025	UNAPPROVED SYSTEM INTERCONNECTION	SIG	200	M025	UNAPPROVED INTERCONNECTION WITH ANOTHER WATER SYSTEM	Sig	50	R309-550-9(3)
M026	LACKS OPERATIONAL RECORDS			M026	LACKS OPERATIONAL RECORDS	Sig	25	R309-105-13
Minimum Sizing								
V030	SYSTEM LACKS 10% OF REQUIRED STORAGE CAPACITY	MIN	10	V031	SYSTEM LACKS UP TO 20% OF REQUIRED STORAGE CAPACITY (FIRE DEMAND NOT INCLUDED)	Min	15	R309-510-8(1)(a)
V031	SYSTEM LACKS 20% OF REQUIRED STORAGE CAPACITY	SIG	20					
V032	SYSTEM LACKS 30% OF REQUIRED STORAGE CAPACITY	SIG	30					

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V033	SYSTEM LACKS 40% OF REQUIRED STORAGE CAPACITY	SIG	40	V034	SYSTEM LACKS MORE THAN 20% OF REQUIRED STORAGE CAPACITY (FIRE DEMAND NOT INCLUDED)	Sig	50	
V034	SYSTEM LACKS >40% OF REQUIRED STORAGE CAPACITY	SIG	50					
VF30	SYSTEM LACKS 10% OF REQUIRED STORAGE FOR FIRE SUPPRESSION	MIN	10	VF34	SYSTEM LACKS REQUIRED STORAGE CAPACITY DUE TO FIRE DEMAND BUT HAS SOP FOR FOLLOWING FIRE INCIDENT	Min	15	R309-510-8(1)(b)
VF31	SYSTEM LACKS 20% OF REQUIRED STORAGE FOR FIRE SUPPRESSION	MIN	20					
VF32	SYSTEM LACKS 30% OF REQUIRED STORAGE FOR FIRE SUPPRESSION	MIN	30					
VF33	SYSTEM LACKS 40% OF REQUIRED STORAGE FOR FIRE SUPPRESSION	MIN	40					
VF34	SYSTEM LACKS >40% OF REQUIRED STORAGE FOR FIRE SUPPRESSION	MIN	50					
VF30	SYSTEM LACKS 10% OF REQUIRED STORAGE FOR FIRE SUPPRESSION	MIN	10					
VF31	SYSTEM LACKS 20% OF REQUIRED STORAGE FOR FIRE SUPPRESSION	MIN	20	VF35	SYSTEM LACKS REQUIRED STORAGE CAPACITY DUE TO FIRE DEMAND AND LACKS SOP FOR FOLLOWING FIRE INCIDENT	Sig	25	R309-105-8(3), R309-510-8(1)(b)
VF32	SYSTEM LACKS 30% OF REQUIRED STORAGE FOR FIRE SUPPRESSION	MIN	30					
VF33	SYSTEM LACKS 40% OF REQUIRED STORAGE FOR FIRE SUPPRESSION	MIN	40					
VF34	SYSTEM LACKS >40% OF REQUIRED STORAGE FOR FIRE SUPPRESSION	MIN	50					
S090	SYSTEM LACKS 10% OF REQUIRED SOURCE CAPACITY	MIN	10					
S091	SYSTEM LACKS 20% OF REQUIRED SOURCE CAPACITY	SIG	20	S091	SYSTEM LACKS UP TO 20% OF REQUIRED SOURCE CAPACITY	Min	15	R309-510-7(1)
S092	SYSTEM LACKS 30% OF REQUIRED SOURCE CAPACITY	SIG	30	S094	SYSTEM LACKS MORE THAN 20% OF REQUIRED SOURCE CAPACITY	Sig	50	
S093	SYSTEM LACKS 40% OF REQUIRED SOURCE CAPACITY	SIG	40					
S094	SYSTEM LACKS >40% OF REQUIRED SOURCE CAPACITY	SIG	50					
Source Development								
TGR 7	SYSTEM LACK AT LEAST 2 SOURCES FOR 100 CONNECTIONS	NON	0	TGR 7	COM SYSTEM SERVING 100 OR MORE CONNECTIONS LACKS REDUNDANT SOURCE	Sig	50	R309-515-4(3)
S033	NO BACKUP POWER FOR COM SYSTEM WO FREE FLOWING SOURCE	SIG	25	S033	COM SYSTEM WITHOUT NATURALLY FLOWING SOURCES LACKS BACKUP POWER FOR AT LEAST ONE WATER SOURCE	Sig	25	R309-515-6(2)(a)
S003	ELEVATION OF WELL CASING INADEQUATE	SIG	20	S003	WELL CASING TERMINATES LESS THAN 12 INCHES ABOVE FLOOR OR LESS THAN 18 INCHES ABOVE GROUND SURFACE	Sig	25	R309-515-6(6)(b)(vi), R309-515-6(12)(c)(ii), R309-515-6(13)(a)

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S013	WELL LACKS PROPER SANITARY SEAL	SIG	50	S013	WELL LACKS THE REQUIRED WELL SEAL	Sig	50	R309-515-6(6)(i)
S095				S095	UNFINISHED WELL NOT CAPPED SECURELY	Sig	50	R309-515-6(8)(a), R655-4-14.1
S005	PITLESS ADAPTER NOT WATERTIGHT LACKS PROPER SEALING	SIG	50	S005	WELL WITH PITLESS ADAPTOR NOT WATER TIGHT OR NOT PROTECTED AGAINST VANDALISM	Sig	50	R309-515-6(12)(c)
S006	WELL CASING VENT NOT PROPERLY SCREENED	SIG	2	S006	END OF WELL CASING VENT LACKS NO. 14 SCREEN	Sig	25	R309-515-6(12)(d)(iii)
S007	WELL CASING VENT IS NOT DOWN-TURNED	MIN	2	S007	WELL CASING VENT NOT DOWNTURNED			R309-515-6(12)(d)(iii)
S008	WELL CASING VENT DOES NOT HAVE AN PROPER AIR GAP	MIN	2	S008	WELL CASING VENT LACKS AIR GAP AGAINST CONTAMINATION			R309-515-6(12)(d)(iii)
S028	A/V RELEASE VALVE IS NOT DOWN-TURNED	MIN	2	S028	AIR RELEASE VACUUM RELIEF VALVE PIPING NOT DOWNTURNED			R309-515-6(12)(d)(v)
S029	A/V RELEASE VALVE LACKS PROPER SCREEN	SIG	2	S029	END OF AIR RELEASE VACUUM RELIEF VALVE PIPING LACKS NO. 14 SCREEN			R309-515-6(12)(d)(v)
S030	A/V RELEASE VALVE LACKS PROPER AIRGAP	MIN	2	S030	END OF AIR RELEASE VACUUM RELIEF VALVE PIPING LACKS A CLEARANCE OF AT LEAST 6 INCHES			R309-515-6(12)(d)(v)
SL01	NO MEANS TO RELEASE TRAPPED AIR FROM SOURCE PUMP	MIN	5	SL01	WELL THAT PUMPS DIRECTLY TO DISTRIBUTION LACKS A MEANS TO RELEASE TRAPPED AIR	Min	5	R309-515-6(12)(d)(v)
S009	PUMP TO WASTE LINE LACKS PROPER AIR GAP	SIG	20	S009	WELL PUMP-TO-WASTE LINE LACKS A CLEARANCE OF AT LEAST 12 INCHES	Sig	25	R309-515-6(12)(d)(ix)
S010	PUMP TO WASTE LINE LACKS #4 MESH NON-CORROD SCREEN	SIG	5	S010	END OF WELL PUMP-TO-WASTE LINE LACKS NO. 4 SCREEN	Sig	25	R309-515-6(12)(d)(ix)
S011	PUMP TO WASTE LINE DISCHARGE-POINT IMPROPER	SIG	2	S011	WELL PUMP-TO-WASTE LINE NOT DOWNTURNED	Sig	25	R309-515-6(12)(d)(ix)
S015	WELL LACKS A MEANS TO MEASURE DRAWDOWN	MIN	2	S015	WELL LACKS A MEANS TO MEASURE WATER LEVELS PERIODICALLY	Min	5	R309-515-6(12)(e), R309-515-6(12)(c)(vi)
S002	WELL HOUSE NOT SECURE	SIG	20	S002	WELL HOUSE NOT PROTECTED AGAINST VANDALISM	Sig	25	R309-105-10(5)
S020	WELL HOUSE STATION NOT PROTECTED FROM FLOODING	MIN	5	S020	WELL HEAD OR WELL HOUSE NOT PROTECTED FROM FLOODING	Sig	25	R309-515-6(6)(b)(vi), R309-515-6(12)(d)(iii), R309-515-6(13)(a) to (d)
S021	UNPROTECTED CROSS CONN PRESENT IN WELL HOUSE	SIG	20	S021	CROSS CONN EXISTS IN WELL HOUSE OR AT WELL HEAD	Sig	50	R309-105-12(1), R309-515-6(12)(d)(iii)
S022	LACK OF DRAIN TO DAYLIGHT FLOOR DRAIN	MIN	5	S022	WELL HOUSE LACKS A MEANS OF PROVIDING DRAINAGE	Min	5	R309-515-6(13)(b)
TGR5	TOXIC / HAZARDOUS MATERIALS STORED IN PUMPING STATION	NON	0	TGR5				

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S023	NO SMOOTH NOSED SAMPLING TAP ON DISCHARGE PIPING	MIN	1	S023	NO SMOOTH NOSED SAMPLING TAP ON WELL DISCHARGE PIPING	Min	5	R309-515-6(12)(d)(iv)
S024	NO CHECK VALVE ON DISCHARGE PIPING	MIN	1	S024	NO CHECK VALVE ON WELL DISCHARGE PIPING	Min	5	R309-515-6(12)(d)(iv)
S025	NO PRESSURE GAUGE ON DISCHARGE PIPING	MIN	1	S025	NO PRESSURE GAUGE ON WELL DISCHARGE PIPING	Min	5	R309-515-6(12)(d)(iv)
S026	NO FLOW MEASURING DEVICE ON DISCHARGE PIPING	MIN	1	S026	NO FLOW METER ON WELL DISCHARGE PIPING	Min	5	R309-515-6(12)(d)(iv)
S027	NO SHUT OFF VALVE ON DISCHARGE PIPING	MIN	1	S027	NO SHUTOFF VALVE ON WELL DISCHARGE PIPING	Min	5	R309-515-6(12)(d)(iv)
S031	IMPROPER LUBRICATION OIL	SIG	25	S031	PUMP LUBRICANTS NOT ANSI/NSF 60 CERTIFIED MINERAL OIL	Sig	25	R309-105-10(7), R309-515-6(6)(a)
S150	SOURCE DETERMINED AS UDI	SIG	150	S150	GWUDI OR SURFACE WATER SOURCE LACKS SURFACE WATER TREATMENT	Sig	200	R309-505-5(1)(a) to (d), R309-505-7(1), R515-7(3), R309-520-6(3)(a) and (4)
S097	see S150			S097	SURFACE WATER/UDI SOURCE LACKS SURFACE WATER TREATMENT	Sig	200	R309-515-5(1) & 7(1)
SS19	LACK OF ACCEPTABLE LINER	MIN	10	SS19	SPRING IMPERMEABLE LINER INADEQUATE OR NOT INTACT	Sig	50	R309-515-7(7)(b)
SS22	LACK OF IMPERVIOUS SOIL COVER	MIN	10	SS22	SPRING IMPERVIOUS SOIL COVER INADEQUATE OR NOT INTACT	Sig	50	R309-515-7(7)(b)
L014	NO SPRING COLLECITON BOX PRESENT	REC	0	L014	SPRING COLLECITON BOX NOT PRESENT	Min	5	R309-515-7(7)(c)
SS20	UNSEALED OPENINGS IN SPRING COLLECTION BOX	SIG	50	SS20	UNSEALED OPENINGS IN SPRING COLLECTION BOX	Sig	50	R309-515-7(7)(d), R309-545-14 (1)
SS13	SPRING BOX IS NOT SECURE	SIG	20	SS13	SPRING BOX LID NOT LOCKED	Sig	25	R309-515-7(7)(d), R309-545-14 (3)
SS09	SPRING BOX LACKS SHOE BOX LID	MIN	5	SS09	SPRING BOX LID NOT SHOEBOX STYLE			R309-515-7(7)(d), R309-545-14 (2)
SS10	SPRING BOX LACKS A GASKET ON LID	SIG	5	SS10	SPRING BOX LID LACKS A GASKET			R309-515-7(7)(d), R309-545-14 (2)
SS12	SPRING BOX LACKS RAISED ACCESS ENTRY	MIN	5	SS12	SPRING BOX ENTRY NOT ELEVATED AT LEAST 18 INCHES ABOVE EARTHEN COVER	Min	15	R309-515-7(7)(d), R309-545-14 (1),
SS11	SPRING BOX LACKS AN ADEQUATE AIR VENT	MIN	5	SS11	SPRING BOX LACKS A MEANS OF VENTING	Min	5	R309-515-7(7)(d), R309-545-15
SS16	SPRING COLLECTION BOX VENT NOT DOWN-TURNED	MIN	2	SS16	SPRING BOX VENT NOT DOWNTURNED	Sig	25	R309-515-7(7)(d), R309-545-15(1)
SS17	SPRING COLLECTION BOX VENT NOT PROPERLY SCREENED	SIG	2	SS17	SPRING BOX VENT LACKS NO. 14 SCREEN			R309-515-7(7)(d), R309-545-15(4)
SS18	SPRING COLLECTION BOX VENT NOT AIR GAPPED	MIN	2	SS18	END OF SPRING BOX VENT IS AT LEAST 24 INCHES ABOVE EARTHEN COVER			R309-515-7(7)(d), R309-545-15(23)
SSL2	VENT NOT PRESENT BUT RECOMMENDED	REC	0	SS15	HEIGHT OF SPRING BOX VENT NOT SIZED TO PREVENT BLOCKAGE IN WINTER			R309-515-7(7)(d), R309-545-15(3)

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SS23				SS23	SPRING BOX LACKS A MEANS OF PROVIDING OVERFLOW	Min	15	R309-515-7(7)(d), R309-545-13(1)
SS14	SPRING BOX DRAIN/OVERFLOW LACKS PROPER FREE FALL	SIG	5	SS14	SPRING BOX OVERFLOW OR DRAIN LACKS A FREE FALL OF 12 TO 24 INCHES	Sig	25	R309-515-7(7)(d), R309-545-13
SS04	SPRING BOX LACKS PROPER OVERFLOW/DRAIN LACKS PROPER SCREEN	SIG	5	SS04	SPRING BOX OVERFLOW LACKS NO. 4 SCREEN			R309-515-7(7)(d), R309-545-10(1)(d), R309-545-13(3)
SS21	DRAIN LINE DOES NOT HAVE ADEQUATE AIR GAP NOT COVERED IN IPS	REC	0	SS21				
SS02	SPRING COLLECTION AREA NOT FENCED	Min	10	SS02	SPRING COLLECTION AREA NOT FENCED	Min	15	R309-515-7(7)(e)
SS03	SPRING COLLECTION AREA LACKS A DIVERSION CHANNEL	MIN	5	SS03	SPRING LACKS A DIVERSION CHANNEL OR BERM TO DIVERT RUNOFF AWAY FROM SPRING COLLECTION AREA	Min	15	R309-515-7(7)(g)
SS01	SPRING LACKS A PERMANENT FLOW MEASURING DEVICE	MIN	5	SS01	LACKS A PERMANENT DEVICE FOR MEASURING SPRING FLOW	Min	5	R309-515-7(7)(h)
SS06	MAJOR PONDING ON SPRING COLLECTION AREA	SIG	20	SS06	PONDING WITHIN SPRING COLLECTION AREA	Sig	25	R309-515-7(7)(i)
SS07	DEEP ROOTED VEGETATION IN SPRING COLLECTION AREA	MIN	10	SS07	DEEP ROOTED VEGETATION IN SPRING COLLECTION AREA	Sig	25	R309-515-7(7)(f)
SS08	ROOTS IN COLLECTION PIPES	MIN	10	SS08	ROOTS IN SPRING COLLECTION PIPES	Sig	25	R309-105-10(4)(a)
SS24				SS24	HERBICIDE, PESTICIDES OR ALGICIDES APPLIED ARE NOT ANSI NSF 60 CERTIFIED AND WITHOUT APPROVAL	Sig	50	R309-105-10(4)(b), R309-515-8(1)(b) and (3)
Disinfection Methods								
TD41	CLEANING MATERIALS DO NOT MEET ANSI/NSF 60 STANDARDS	SIG	25	TD41	CLEANING CHEMICALS DO NOT MEET ANSI NSF 60 STANDARD	Sig	50	R309-520-8(3)(j)
TD90	CHLORINE CHEMICALS DO NOT MEET ANSI/NSF 60 STANDARD	SIG	25	TD90	ADDING CHEMICALS THAT DO NOT MEET ANSI NSF 60 STANDARD			R309-520-6(2)
TD47	QUENCHING CHEMICALS DO NOT MEET ANSI/NSF 60 STANDARDS	SIG	25	TD47	QUENCHING CHEMICALS DO NOT MEET ANSI NSF 60 STANDARD			R309-520-9(4)(h)
TD78	INSUFFICIENT SAMPLING FOR CHLORINE RESIDUAL TESTING	MIN	2	TD78	LACKS EQUIPMENT FOR CHLORINE RESIDUAL TESTING	Min	15	R309-520-7(1)(j)
TD75	CL2 SYSTEM LACKS SPARE PARTS FOR HYPOCHLORINATOR	MIN	2	TD75	LACKS SPARE PARTS OR BACKUP EQUIPMENT FOR CHLORINATOR	Min	15	R309-520-7(1)(k)(i and ii), R309-520-6(1)(a) and (c)
TD22	CL2 INSUFFICIENT BACK-UP EQUIPMENT	MIN	10	TD22	LACKS BACKUP POWER SUPPLY FOR REQUIRED DISINFECTION	Sig	25	R309-520-7(1)(k)(iii)
TD42	UNABLE TO ISOLATE UV DISINFECTION SYSTEM FOR MAINTENANCE	MIN	2	TD42	UNABLE TO ISOLATE UV REACTOR FOR MAINTENANCE	Min	15	R309-520-8(3)(g)

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TD43	NO BACKUP POWER SOURCE	MIN	2	TD43	LACKS BACKUP POWER SUPPLY FOR REQUIRED UV DISINFECTION	Sig	25	R309-520-8(3)(l)
TD44	NO REDUNDANT PRIMARY DISINFECTION MECHANISM	MIN	5	TD44	LACKS REDUNDANT PRIMARY DISINFECTION METHOD IF UV REACTOR IS OFF SPEC	Sig	25	R309-520-8(3)(m)
TD25	CL2 DISINFECTION PROCESS NOT CONTINUOUS	SIG	2	TD25	DISINFECTION IS REQUIRED BUT DISINFECTION IS INTERMITTENT OR NOT CONTINUOUS	Sig	50	R309-520-6(1)(a)
TD39	LACKS ADEQUATE OPERATING PROCEDURES FOR UV	MIN	2	TD39	UV FACILITY LACKS STANDARD OPERATING PROCEDURES	Min	15	R309-520-8(4)(b)
				TD97	INSUFFICIENT UV DOSE FOR REQUIRED TREATMENT	Sig	25	R309-525-8(1)(b)(iv), R309-215-15(19)(d)
TD08	CL2 BUILDING IMPROPER HEAT LIGHT OR VENTILATION	MIN	2	TD08	CHLORINATOR BUILDING NOT HEATED, LIGHTED OR VENTILATED	Min	15	R309-520-7(1)(l)
TD69	CHLORINATOR BUILDING LACKS ADEQUATE VENTILATION	REC	0	TD69	INCOMPATIBLE CHEMICALS STORED IN CHLORINE ROOM	Sig	25	R309-520-7(1)(m)
TD91				TD91	CHLORINATOR LACKS A MEANS TO MEASURE FLOW OF TREATED WATER	Sig	25	R309-520-7(1)(i)
TD01	CL2 - NO AUTOMATIC CL CYLINDER SWITCH OVER	MIN	2	TD01	CONTINUOUS DISINFECTION IS REQUIRED BUT CHLORINATOR LACKS AUTOMATIC SWITCHOVER	Min	15	R309-520-7(2)(a), R309-520-6(1)
TD09	CL2 IMPROPER LOCATION FOR VENTILATING FAN SUCTION	MIN	5	TD09	CHLORINE ROOM EXHAUST FAN SUCTION NOT LOCATED NEAR FLOOR	Min	15	R309-520-7(2)(d)(iii)
TD10	CL2 AIR INLETS NOT LOCATED NEAR CEILING W/LOUVERS	MIN	2	TD10	CHLORINE ROOM AIR INLET NOT LOCATED NEAR CEILING THROUGH WALL LOUVERS	Min	15	R309-520-7(2)(d)(iv)
TD12	CL2 SWITCHED FOR FAN / LIGHTS NOT OUTSIDE CL2 ROOM	MIN	2	TD12	LACK SEPARATE SWITCHES FOR FAN AND LIGHTS NEAR CHLORINE ROOM ENTRANCE	Min	15	R309-520-7(2)(d)(v)
TD13	CL2 FEED VENT IMPROPERLY VENTED OR SCREENED	MIN	2	TD13	CHLORINE VENT LINE NOT DISCHARGED OUTSIDE ABOVE GRADE OR LACKS NO. 14 SCREEN	Sig	25	R309-520-7(2)(e)
TD17	CL2 CYLINDERS EXPOSED TO DIRECT SUN OR EXCESS HEAT	MIN	2	TD17	CHLORINE CYLINDERS ARE EXPOSED TO DIRECT SUN OR EXCESSIVE HEAT	Sig	25	R309-520-7(2)(f)(ii)
TD92				TD92	GAS CHLORINATION EQUIPMENT NOT SECURE OR LACKING PROPER HOUSING	Sig	25	R309-520-7(2)(f)(i)
TD15	CHLORINE CYLINDERS IMPROPERLY RESTRAINED	MIN	2	TD15	CHLORINE CYLINDERS NOT RESTRAINED	Sig	25	R309-520-7(2)(h)
TD16	CL2 CYLINDERS NOT STORED SEPARATE FROM AMMONIA	SIG	2	TD16	INADEQUATE DISINFECTION FOR GROUND WATER SOURCE REQUIRED TO DISINFECT	Sig	200	R309-520-6(3)(b) and (4)
TD02	LACKS EQUIPMENT TO MEASURE CHLORINE FEED RATE	MIN	2	TD02	LACKS EQUIPMENT TO MEASURE CHLORINE FEED RATE	Sig	25	R309-520-7(1)(c), R309-520-7(2)(i)
TD21	CL2 UNPROTECTED CROSS CONN PRESENT IN FEED LINE	MIN	5	TD21	CROSS CONNECTION EXISTS IN CHLORINE MAKEUP WATER SUPPLY LINE	Sig	25	R309-520-7(1)(h)(i)
TD14	CL2 LACKS A MEANS OF LEAK DETECTION 150 LB	MIN	2	TD14	NO AMMONIA HYDROXIDE SOLUTION FOR CHLORINE LEAK DETECTION	Min	15	R309-520-7(2)(l)(i)
TD04	CL2 LACKS A 150 LB CHLORINE CYLINDER REPAIR KIT	REC	0	TD04	150-POUND CYLINDER FACILITY LACKS IMMEDIATE ACCESS TO NIOSH RESPIRATOR	Sig	25	R309-520-7(2)(k)(ii)

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TD06	CL2NO ACCESS TO SELF CONTAINED BREATHING APPARATUS	MIN	5	TD06	1-TON CYLINDER FACILITY LACKS IMMEDIATE ACCESS TO NIOSH SELF-CONTAINED BREATHING APPARATUS	Sig	25	R309-520-7(2)(k)(i)
TD05	CL2 LACKS A 1 TON CHLORINE CYLINDER REPAIR KIT	SIG	15	TD05	1-TON CYLINDER FACILITY LACKS A LEAK REPAIR KIT APPROVED BY CHLORINE INSTITUTE	Sig	25	R309-520-7(2)(l)(ii)
TD19	CL2 LACKS A MEANS OF LEAK DETECTION 1 TON	MIN	15	TD19	1-TON CYLINDER FACILITY LACKS CONTINUOUS CHLORINE LEAK DETECTION EQUIPMENT	Sig	25	R309-520-7(2)(l)(iii)
TD23	CL2 NO ALARMS ON CONT LEAK DETECT EQUIP	MIN	5	TD23	1-TON CYLINDER FACILITY LACKS ALARMS ON CONTINUOUS CHLORINE LEAK DETECTOR	Sig	25	R309-520-7(2)(l)(iv)
TD93				TD93	1-TON CYLINDER OPERATING AREA LACKS GAS SCRUBBER	Sig	25	R309-520-7(2)(b)
TD18	CL2 ROOM NOT SEALED FROM REST OF FACILITY	MIN	2	TD18	1-TON CYLINDER CHLORINE ROOM VENTILATION NOT INDEPENDENT OR SEPARATE FROM VENTILATION FOR THE REST OF THE TREATMENT PLANT	Sig	25	R309-520-7(2)(d)(iv)
TD66	FACILITY DOES NOT PROVIDE SOME METHOD OF EMERGENCY EYEWASH	REC	0	TD66	HYPOCHLORITE FACILITY LACKS A MEANS OF EMERGENCY EYEWASH	Sig	25	R309-520-7(3)(a)(i)
TD67	HYPOCHLORITE NOT PROTECTED FROM EXCESSIVE HEAT OR DIRECT SUN LIGHT	REC	0	TD67	HYPOCHLORITE LIQUID NOT PROTECTED FROM EXCESSIVE HEAT OR DIRECT SUNLIGHT	Min	5	R309-520-7(3)(a)(ii)
TD68	NO RECORDS KEPT TO MINIMIZE USE OF DECAYED HYPOCHLORITE SOLUTION	REC	0	TD68	NO RECORDS KEPT TO MINIMIZE USE OF DECAYED HYPOCHLORITE SOLUTION	Min	5	R309-520-7(3)(b)
TD24				TD24	HYPOCHLORITE TANK LACKS A LIQUID LEVEL INDICATOR	Min	5	R309-525-11(6)(a)(iv)(A)
TD29				TD29	HYPOCHLORITE FACILITY DOES NOT HAVE ADEQUATE SPILL CONTAINMENT	Min	5	R309-525-11(6)(a)(iv)(B)
TD70	MAKE UP WATER NOT DRINKING WATER QUALITY	REC	0	TD70	CHLORINE SOLUTION MAKEUP WATER NOT OF DRINKING WATER QUALITY	Sig	25	R309-520-7(1)(h)(i), R309-520-7(3)(c)(iii)
TD71	HYDROGEN GAS FROM ELECTROLYTIC CELL NOT PROPERLY VENTED	REC	0	TD71	HYDROGEN GAS FROM ONSITE HYPOCHLORITE GENERATION ELECTROLYTIC CELL NOT VENTED UPWARD TO OUTSIDE	Sig	50	R309-520-7(3)(c)(iv)
TD72	HYPOCHLORINE TABLETS NOT STORED IN COOL, DRY, VENTED AREA	REC	0	TD72	HYPOCHLORITE TABLETS NOT STORED IN COOL, DRY AND VENTED AREA	Min	5	R309-520-7(3)(d)(iii)
TD73	HYPOCHLORITE TABLETS STORED WITH COMBUSTIBLE MAT. OR ACIDS	REC	0	TD73	HYPOCHLORITE TABLETS STORED WITH COMBUSTIBLE MATERIALS OR ACIDS	Sig	25	R309-520-7(3)(d)(iii)
TD26	CL2 CONTACT TIME IS INSUFFICIENT	SIG	35	TD26	FAIL TO PROVIDE DISINFECTION CT OR REPORT INACCURATE CT FOR REQUIRED TREATMENT	Sig	50	R309-505-5(3), R309-505-7(2), R309-520-4 and 6(4)
TD40	UV INTENSITY SENSOR NOT CORRECTLY CALIBRATED	MIN	2	TD40				
TD46	INADEQUATE OZONE RESIDUAL ANALYZERS	MIN	2	TD46	OZONE FACILITY LACKS ADEQUATE OZONE RESIDUAL ANALYZERS FOR CT DETERMINATION	Min	15	R309-520-9(7)(c)

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TD48	OZONE OFF-GAS BLOWERS NOT PROPERLY FUNCTIONING	MIN	2	TD48	OZONE OFFGAS BLOWERS NOT FUNCTIONING	Min	15	R309-520-9(5)(b)
TD49	OZONE OFF-GAS DISTRUCTION UNITS NOT PROVIDED / PROPERLY FUNCTIONING PROPERLY	MIN	2	TD49	OZONE OFFGAS DISTRUCTION UNITS NOT PROVIDED OR NOT FUNCTIONING	Min	15	R309-520-9(5)(a)
TD31	EMERGENCY EYEWASH AND SHOWER NOT AVAILABLE	MIN	2	TD31	CHLORINE DIOXIDE FACILITY LACKS EMERGENCY EYEWASH AND SAFETY SHOWER	Sig	25	R309-520-10(3)(b)(viii)
TD32	NO EMERGENCY SHUT OFF FOR CHLORINE DIOXIDE GENERATOR	MIN	2	TD32	NO EMERGENCY SHUTOFF FOR CHLORINE DIOXIDE GENERATOR	Sig	25	R309-520-10(3)(b)(ix)
TD34	NO CHLORINE DIOXIDE SENSOR ALARM AVAILABLE	MIN	2	TD34	NO AMBIENT CHLORINE DIOXIDE SENSOR OR ALARM OR WARNING LIGHT	Sig	25	R309-520-10(3)(b)(v)
TD35	NO WASH DOWN WATER AVAILABLE	MIN	2	TD35	CHLORINE DIOXIDE OPERATING AREA LACKS WASH DOWN WATER	Min	15	R309-520-10(3)(b)(xvi)
TD28	COMBUSTIBLE OR REACTIVE MATERIALS IMPROPERLY STORED	MIN	2	TD28	COMBUSTIBLE OR REACTIVE MATERIALS STORED IN CHLORINE DIOXIDE OPERATING AREA	Sig	50	R309-520-10(5)(a)
TD30	PERSONAL PROTECTIVE EQUIPMENT NOT AVAILABLE	MIN	5	TD30	PERSONAL PROTECTIVE EQUIPMENT NOT AVAILABLE NEAR AND OUTSIDE OF CHLORINE DIOXIDE OPERATING AREA	Sig	25	R309-520-10(5)(c)
TD33	CHLORINE AND CHLORINE DIOXIDE TANKS IMPROPERLY VENTED	MIN	2	TD33	CHLORINE DIOXIDE OPERATING AREA AND SOLUTION TANKS NOT PROPERLY VENTED	Min	15	R309-520-10(5)(k), R309-525-11(8)(b)(vi)
TD36	OPERATING AREA TEMPRATURES NOT BETWEEN 60 AND 100 DEGREES F	MIN	2	TD36	CHLORINE DIOXIDE OPERATING AREA TEMPRATURES NOT MAINTAINED BETWEEN 60 AND 100 DEGREES F	Min	15	R309-520-10(5)(d)
TD37	O/M MANUAL DOES NOT INCLUDE SAFETY AND EMERGENCY RESPONSE PROCEDURES	MIN	2	TD37	CHLORINE DIOXIDE FACILITY LACKS SAFETY AND EMERGENCY MANUAL OR OPERATORS LACKS SAFETY AND EMERGENCY TRAINING	Sig	25	R309-520-10(5)(f)
TD38	NO SAFETY AND EMERGENCY TRAINING	REC	0	TD38				
Surface Water Treatment and Miscellaneous Treatment Methods								
TG32	INADEQUATE PROCESS CONTROL TESTING	MIN	30	TG32				
TC19	ACTIVATED CARBON UNTRAINED OPERATORS ON PROCESS	REC	0	TC19				
TD58				TD58	STANDBY POWER NOT AVAILABLE FOR PRIMARY TREATMENT PROCESS FOR SURFACE WATER TREATMENT	Sig	25	R309-525-7(5), R309-525-11(7)(b)(iii)
TD59				TD59	BACKUP EQUIPMENT OR SPARE PARTS NOT AVAILABLE FOR CRITICAL TREATMENT ITEMS	Sig	25	R309-525-7(6), R309-525-11(7)(b)(i) and (iii)
				C011	TREATMENT PLANT NOT OPERATED BY OPERATOR CERTIFIED TO THE REQUIRED LEVEL	Sig	50	R309-525-7(3)
TC15	ACTIVATED CARBON FEED LINES NOT LABELED OR CODED	MIN	2	TC15	PIPING NOT COLOR CODED OR LABELED TO INDICATE CONTAINED LIQUID AND FLOW DIRECTION	Min	5	R309-525-8

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TD79	NO MEANS OF MEASURING WATER TREATED WITH CHLORINE	MIN	10	TD79	NO MEANS TO MEASURE FLOW RATE OF WATER TREATED	Sig	25	R309-525-11(7)(d)(iii) and R309-525-11(7)(a)(i)
TD99	TREATMENT PLANT IS NOT SECURE	SIG	20	TD99	NO MEANS TO MEASURE QUANTITIES OF CHEMICALS USED	Sig	25	R309-525-11(7)(d)(iv)
TD62				TD62	NO SAMPLE TAP FOR EACH UNIT OPERATION OF TREATMENT	Min	15	R309-525-18
TD74				TD74	PERSONAL PROTECTIVE EQUIPMENT, SAFETY SHOWER OR EYEWASH NOT PROVIDED	Sig	25	R309-525-11(10)(b)
TD76	INADEQUATE RESIDUAL MAINTAINED IN DIST SYSTEM	MIN	0	TD76	INADEQUATE MEANS TO MAINTAIN DISINFECTANT RESIDUAL IN THE WATER ENTERING THE DISTRIBUTION SYSTEM	Sig	25	R309-215-10(2), R309-520-7(1)(c)(iii)
TG31	NO FINISHED WATER SAMPLE TAP	MIN	2	TG31	NO SAMPLE TAP FOR TESTING FINISHED WATER	Min	15	R309-525-18, R309-525-25(4)
TG35	XCONN BETWEEN RAW SW AND FINISHED VIA CL2 SYSTEM	SIG	50	TG35	CROSS CONNECTION BETWEEN UNTREATED WATER AND FINISHED WATER	Sig	50	R309-520-7(1)(h), R309-525-11(9)(a) and (b)
TG53	NO BACKFLOW PROTECTION ON SERVICE LINE TO TANKS	SIG	10	TG53	NO BACKFLOW PROTECTION ON IN-PLANT WATER SUPPLY LINE	Sig	50	R309-525-11(9)(a)
TX07	NO BACKFLOW PROTECTION ON MAKE-UP WATER INLET	MIN	2	TX07	NO BACKFLOW PROTECTION ON CHEMICAL MAKEUP WATER SUPPLY LINE	Sig	50	R309-525-11(2)(c), R309-525-11(9)(b)(i) to (iv)
TX08	OVERFLW PIPE NOT TURNED DOWN/SCREENED W/AIR GAP	SIG	10	TX08	SOLUTION TANK OVERFLW PIPE NOT DOWNTURNED OR LACKING A CLEARANCE OF 6 INCHES OR MORE	Sig	50	R309-525-11(8)(b)(v), R309-525-11(9)(b)(iii)
TG64	NO CROSS-CONNECTION CONTROL ON IN-PLANT WATER SUPPLY	SIG	10	TG64	IN-PLANT WATER SUPPLY LACKS CROSS CONNECTION CONTROL	Sig	50	R309-525-11(9)(a)(iii) and (b)
T027	PLANT DOESN'T PROVIDE FINISHED DW IN LAVATORY AND TOILET FACILITIES			T027	IN-PLANT WATER SUPPLY TO LABORATORY AND SANITARY FACILITIES NOT OF FINISHED WATER QUALITY	Sig	25	R309-525-16, R309-525-17(3)
TG06	SOLUTION TANK LACKS BACKFLOW PROTECTION	SIG	10	TG06	see TG18			
TD52	CL2 UNPROTECTED CROSS CONN- PRESENT IN FEED LINE	SIG	10	TD52	already covered in the chlorination questions	Sig	50	R309-520-7(1)(h), R309-525-11(9)(a)(iii)
TD94				TD94	PRESEDIMENTATION BASINS NOT EQUIPPED FOR SLUDGE REMOVAL	Min	15	R309-525-10(1)
T001	NO PROVISIONS FOR PRESSED BYPASS	MIN	0	T001	PLANT LACKS PROVISION FOR BYPASSING PRESEDIMENTATION BASINS	Min	15	R309-525-10(3)
INFO		NON	0	INFO		Non	0	
TC05	ACTIVATED CARBON - PAC IS NOT ADDED AS EARLY AS POSS	REC	0	TC05	Missing Group ID??? INADEQUATE CARBON PAC PROCEDURES	Non		

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TC07	ACTIVATED CARBON - PAC IS NOT ADDED BEFORE OXIDANT	REC	0	TC07	ACTIVATED CARBON APPLICATION POINT NOT APPROPRIATE (BEFORE OXIDANT ADDITION)	Min	15	R309-525-11(2)(a) and (d)
TC08	ACTIVATED CARBON - PAC ADD IS NOT AT MULTIPLE PTS	REC	0	TC08				
TC10	ACTIVATED CARBON - PAC NOT STORED SEPARTE	REC	0	TC10	ACTIVATED CARBON NOT STORED SEPARTELY OR AWAY FROM IMCOMPATIBLE CHEMICALS	Sig	25	R309-525-11(7)(a)(iv), R309-105-10
TC17	ACTIVATED CARBON - CHEM STORAGE NOT CLEAN AND DRY	REC	0	TC17	ACTIVATED CARBON STORAGE AND OPERATION AREA NOT CLEAN, DRY OR SAFE FOR OPERATOR SAFETY	Sig	25	R309-525-11(6)(a)(i)(C), R309-525-11(6)(c), R309-525-19, R309-105-10, R309-525-15(d)
L017		NON	0	L017	CHEMICAL ADDITON INVENTORY MISSING	Non	0	R309-525-11
TG63	IMPROPER DRY CHEMICAL FEEDER	MIN	20		see TG19			
TX09	NO MEANS TO METER DILUTION OF BRINE	MIN	2	TX09	BACKUP OR STANDBY CHEMICAL FEEDER NOT AVAILABLE	Min	15	R309-525-11(7)(b)(i) and (ii)
TG21	CHEMICAL FEEDERS IMPROPERLY CALIBRATED	MIN	2	TG21	CHEMICAL FEEDER NOT ACCURATE, CALIBRATED OR FUNCTIONING	Sig	25	R309-525-11(7)(a)(i) and (x)
T080	NOT USING ANSI/NSF 60 APPROVED MATERIALS	SIG	25	T080	CHEMICALS USED FOR DRINKING WATER TREATMENT NOT ANSI NSF 60 CERTIFIED	Sig	25	R309-525-11(5), R309-525-25(1), R309-535-11(5)(d)
TG27	CHEMICALS DO NOT COMPLY WITH ANSI/NSF STANDARD	SIG	25					
TX05	BRINE SALT NO APPROVED BY ANSI/NSF	SIG	25					
TQ10	SEQ - POLY SEQUEST CHEMICALS DOES NOT MEET ANSI/NSF STAND	SIG	25					
TG05	CHEMICAL NAME, PURITY AND CONCENTRATION NOT AVAILABLE FOR ALL CHEMS			TG05	SAFETY DATA SHEET INFO INCLUDING CHEMICAL NAME, PURITY, CONCENTRATION AND SUPPLIER, NOT AVAILABLE FOR ALL CHEMS	Min	15	R309-525-11(5)(a), R309-525-11(6)(b)(i)
				TD98	LACKS OPERATIONAL RECORDS FOR CHEMICAL DOSING	MIN	15	R309-105-14(3)
TG19	INCOMPATIBLE CHEMICALS NOT STORED SEPARATELY	MIN	2	TG19	INCOMPATIBLE CHEMICALS ARE FED, STORED OR HANDLED TOGETHER	Sig	25	R309-525-11(7)(a)(iv)
TG09				TG09	NO MEANS TO MEASURE LIQUID LEVEL IN SOLUTION TANK	Min	15	R309-525-11(6)(a)(iv)(A), R309-525-11(8)(b)(ii), R309-525-11(8)(c)(iv)
TG59	INADEQUATE SPILL CONTAINMENT PROVISIONS	MIN	2	TG59	LACKS CONTAINMENT PROVISIONS TO HANDLE SOLUTION TANK SPILLS OR OVERFLOWS	Min	15	R309-525-11(6)(a)(iv)(B), R309-525-11(8)(b)(viii)

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TG10				TG10	SOLUTION TANK LACKS AN INVERTED J VENT OR A MEANS OF VENTING	Min	5	R309-525-11(6)(a)(iv)(C)
TG13				TG13	ACID SOLUTION NOT KEPT IN CLOSED ACID-RESISTANT CONTAINERS	Min	15	R309-525-11(6)(a)(v)
TG17				TG17	DUST CONTROL AND VENTILATION NOT ADEQUATE FOR HANDLING DRY CHEMICALS	Min	15	R309-525-11(6)(c)
TG60	ACID TANK VENTS NO SCREEN OR OUTSIDE BLDG	MIN	2	TG60	ACID TANK NOT VENTED TO OUTSIDE	Min	15	R309-525-11(8)(b)(vi)
TG03	TANKS AND REFILL LINES LACK PROPER LABELING	MIN	2	TG03	SOLUTION TANKS AND CHEMICAL REFILL LINES NOT LABELED	Min	15	R309-525-11(8)(c)(vii)
TG18				TG18	SOLUTION TANK NOT PROTECTED AGAINST BACKFLOW OR NOT PROVIDED WITH A VALVED DRAIN	Sig	50	R309-525-11(8)(b)(vii)
TD64	CL2 NO COVER ON STORAGE TANK	MIN	2	TD64	CHEMICAL SOLUTION NOT COVERED OR TANK ACCESS OPENINGS NOT COVERED	Min	5	R309-525-11(8)(b)(iii)
				T081	FLASH MIX PROCESS FUNCTIONS IMPROPERLY OR CHEMICAL FOR FLASH MIXING ADDED IMPROPERLY	Min	15	R309-525-12(1)
				T082	FLOCCULATION PROCESS FUNCTIONS IMPROPERLY	Min	15	R309-525-12(2)
INFO	PRIMARY COAGULANT NOT USED AT ALL TIMES	NON	0	INFO	see T002	Non	0	R309-525-12
INFO	NO PLAN TO DETERMINE COAGULANT DOSAGE	NON	0	T083	NO MEANS TO DETERMINE ANTICIPATED COAGULANT DOSE	Min	15	R309-525-11(2)(a) and (d)
T043	FILTER SEPTUM NOT PERIODICALLY INSPECTED	NON	0	T043	FILTER OR MEDIA NOT CLEANED, INSPECTED, MAINTAINED OR PROPERLY FUNCTIONING	Sig	25	R309-105-10, R309-525-19, R309-525-15(4)(a), R309-525-15(4)(b)(ii to v), R309-525-15(4)(c)(ii to vi)
T044	FILTER SEPTUM NOT REGULARLY CLEANED	NON	0	T044	see T043			
T021	INTRUMENTATION AND CONTROLS NOT OPERABLE	MIN	2	T021	INTRUMENTATION AND CONTROLS IN TREATMENT PLANT NOT MAINTAINED, OPERABLE OR FUNCTIONING PROPERLY	Sig	25	R309-525-25(4)
T004				T004	FILTRATION BASINS LACK SAFETY HANDRAILS	Sig	25	R309-525-15(6)(n)
T074	NO FILTER TO WASTE LINE ON EACH FILTER	MIN	20	T074	NO FILTER-TO-WASTE PROVISION FOR EACH FILTER	Sig	25	R309-525-15(6)(p)
TT01	FAILURE TO HAVE WORKING TURBIDIMETER WHEN CONTINUOUS MONITORING IS REQUIRED	SIG	100	TT01	TURBIDIMETER NOT CALIBRATED OR MAINTAINED FOR ACCURATE CONTINUOUS MONITORING OF TREATMENT PROCESSES	Sig	50	R309-525-25(4)
T002	PRIMARY COAGULANT NOT USED AT ALL TIMES	MIN	0	T002	PRIMARY COAGULANT NOT USED PROPERLY	Sig	50	R309-525-11(1)(a)
				T084	REQUIRED DISINFECTANT NOT ADDED TO FINISHED WATER	Sig	50	R309-525-11(1)(b)
T005	FILTER NOT PROVIDED WITH ALARM FOR TURBIDITY EXCEEDANCE			T005	MULTI-MEDIA FILTER NOT PROVIDED WITH CONTINUOUS TURBIDITY MONITORING	Sig	50	R309-525-15(4)(b)(vi), R309-525-15(4)(c)(vii)

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				T085	MULTI-MEDIA FILTER NOT EQUIPPED TO INITIATE AUTOMATIC SHUTDOWN OR BACKWASH	Sig	50	R309-525-15(4)(b)(vi), R309-525-15(4)(c)(vii)
T006	NO SAMPLE TAP OR MEANS TO OBTAIN SAMPLES FROM INFLUENT OR EFFLUENT			T006	NO SAMPLE TAP OR A MEANS TO SAMPLE RAW WATER OR FINISHED WATER	Sig	25	R309-525-15(10)(a)(i)
T007	PRESSURE GUAGES FOR HEAD LOSS NOT PROVIDED			T007	NO MEANS TO MONITOR MEDIA FILTER HEAD LOSS	Sig	25	R309-525-15(10)(a)(ii)
T008	NO METER INDICATING RATE OF FLOW FOR FILTERS			T008	NO MEANS TO MONITOR OR RECORD FLOW RATE OF EACH FILTER	Min	15	R309-525-15(10)(a)(iii), R309-525-15(2)
L062		NON	0	L062		Non	0	R309-525-16(6)
T076	INSUFFICIENT STORAGE TANK VOLUME	MIN	20	T076	INADEQUATE WATER SUPPLY OR FLOW RATE TO MEET FILTER BACKWASH NEEDS	Min	15	R309-525-15(7)(a)(iv)
T075	BACKWASH TANK DOES NOT PROVIDE FINISHED DRINKING WATER	SIG	20	T075	BACKWASH WATER SUPPLY NOT OF FINISHED DRINKING WATER QUALITY	Sig	50	R309-525-15(7)(a)(ix)
T077	BACKWASH TANK DOES NOT PERFORM IN CONJUNCTION WITH FILTER TO-WASTE SYSTEM	REC	0					
T009	AT LEAST 3 FILTER UNITS NOT PROVIDED			T009	SLOW SAND PROCESS DOES NOT HAVE AT LEAST 3 FILTER UNITS	Min	15	R309-530-6(5)(a)
				T086	SLOW SAND FILTERS ARE NOT PROTECTED TO PREVENT FREEZING	Min	15	R309-530-6(5)(b)
				T087	SLOW SAND FILTERS DO NOT HAVE AT LEAST 24 INCHES OF SAND THAT MEETS RULE REQUIREMENTS	Min	15	R309-530-6(5)(e) and (f)
				T089	SLOW SAND FILTERS DOES NOT HAVE FILTER-TO-WASTE PROVISION	SIG	25	R309-530-6(5)(k)
				T088	SLOW SAND FILTERS ARE NOT MAINTAINED OR OPERATED PROPERLY	Min	15	R309-530-6(4)
				T090	SOURCE WATER QUALITY OR TURBIDITY UNSUITABLE FOR SLOW SAND TREATMENT	SIG	50	R309-530-6(2)(a)
				T091	INADEQUATE DIRECT INTEGRITY TESTING TO MONITOR MEMBRANE INTEGRITY FOR EACH MEMBRANE UNIT	SIG	50	R309-215-15(18)(b)(iii)
				T092	INADEQUATE CONTINUOUS INDIRECT INTEGRITY TESTING TO MONITOR MEMBRANE INTEGRITY FOR EACH UNIT	SIG	50	R309-215-15(18)(b)(iv)
				T093	INCORRECT CONTROL LIMIT OF MEMBRANE DIRECT INTEGRITY TEST SENSITIVITY TO INDICATE LOG REMOVAL	SIG	50	R309-215-15(18)(b)(iii)©
				T094	INCORRECT TRIGGER FOR MEMBRANE CONTINUOUS INDIRECT INTEGRITY TESTING	SIG	50	R309-215-15(18)(b)(iv)
				T095	INSUFFICIENT BACKWASH WATER SUPPLY TO ALLOW BACKWASHING 2 MEMBRANE UNITS CONSECUTIVELY	MIN	15	R309-525-15(7)(a)(iv)
TD57	VENTILATION NOT SEPARATE FROM REST OF TREATMENT PLANT	REC	0	TD57	see TD18			

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TD95	EXIT DOORS DO NOT SWING OUTWARD WITH PANIC BARS	MIN	2	TD95	GAS CHLORINE ROOM IN TREATMENT PLANT LACKS OUTWARD-OPENING EXIT DOOR WITH PANIC BAR	Sig	25	R309-520-7(2)(g)(iii)
TD96	INADEQUATE FLOOR DRAINAGE	MIN	5	TD96	GAS CHLORINE ROOM IN TREATMENT PLANT HAS FLOOR DRAINS THAT CONNECT TO OTHER DRAINS IN THE PLANT	Sig	25	R309-520-7(2)(g)(iv)
TD56	CLORINE ROOM LACKS SHATTER RESISTANT INSPECTION WINDOW(S)	REC	0	TD56	GAS CHLORINE ROOM IN TREATMENT PLANT LACKS SHATTER RESISTANT INSPECTION WINDOW(S)	Sig	25	R309-520-7(2)(g)(i)
TD07	CL2 GAS FED/STORAGE NOT SEPARATE FROM OTHER AREAS	MIN	2	TD07	GAS CHLORINE AREA IN TREATMENT PLANT NOT SEPARATE FROM OTHER AREAS	Sig	25	R309-520-7(2)(g)(v)
				T096	CLEAR WELL INADEQUATELY DESIGNED TO PROVIDE REQUIRED DISINFECTION CT	Sig	25	R309-525-16(b) and (b)(i)
T018	CLEAR WELL DOES NOT HAVE AN OVERFLOW AND VENT			T018	CLEAR WELL LACKS AN OVERFLOW AND VENT	Sig	25	R309-525-16(1)(b)(iii), R309-545
T019	CONVENTIONAL TREATMENT LABORATORY NOT LOCATED ON SITE TO PROVIDE O&M			T019	LACKS SUFFICIENT LABORATORY EQUIPMENT FOR PROPER O&M OF THE PLANT	Sig	25	R309-525-17(1)
TG20	DAILY RECORDS DO NOT REFLECT DOSAGES & TOTALS	SIG	2	TG20	DAILY RECORDS DO NOT REFLECT DOSAGES ACCURATELY	Sig	25	R309-105-14(3)(a)
				T033	MEDIA DEPTHS NOT MEETING REQUIREMENTS	Sig	25	R309-525-15(4)
INFO	ACTIVATED CARBON SYSTEM STARTS ON DIRTY FILTERS	REC	0					
TC18	ACTIVATED CARBON PLANT EQUIP-VENTING INADEQUATE	REC	0					
INFO	CL2 CONTACT TIME IS INSUFFICIENT	NON	0					
				TGR2	TRIGGER FOR BACKWASH RECYCLING REVIEW	Min	15	R309-215-8 (4)
TRG3				TGR3	TRIGGER FOR UNDOCUMENTED FACILITY OR PROCESS	MIN	15	R309-105-6
				T097	LACKS MONITORING OR RECORDS OF RECYCLED WATER	MIN	15	R309-215-8(1)
				TGR9	TRIGGER FOR REGULATORY FOLLOWUP TO ADDRESS CONCERNS	MIN	15	R309-105-8, R309-100 through 605
				T098	FAIL TO MEET GIARDIA, VIRUS OR CRYPTOSPORIDIUM TREATMENT REQUIREMENTS	SIG	100	R309-505-5(1)(d), R309-215
				T099	INCORRECT SURFACE WATER TREATMENT COMPLIANCE WATER QUALITY SAMPLING LOCATION	SIG	25	R309-215
				T028	INCORRECT COMPLIANCE CHLORINE RESIDUAL SAMPLING LOCATION	SIG	25	R309-216
				T029	CHEMICAL DOSING NOT PROPORTIONAL TO FLOW CHANGES	MIN	15	R309-525-11(7)(d)(ii)

Deficiency Code (Current)	Deficiency Description (Current)	Deficiency Type (Current)	Points (Current)	Deficiency Code (Current)	Deficiency Description (Proposed)	Deficiency Type (Proposed)	Points (Proposed)	Rule Reference
				T032	OPERATING FILTER ABOVE APPROVED LOADING RATE	MIN	15	R309-105, R309-525-15(2), R309-525-15(4)(a), R309-525-15(4)(b)(v), R309-525-15(4)(c)(vi), R309-525-15(2), R309-530
TF04	FL DOES NOT COMPLY WITH ANSI/NSF STANDARD	SIG	25	TF04	FL CHEMICAL LACKS ANSI NSF 60 CERTIFICATION	Sig	25	R309-535-5(2)(a)(i)
TF06	FL CHEMICAL CONTAINER NOT COVERED OR UNOPENED	MIN	2	TF06	FL CHEMICAL CONTAINER NOT COVERED OR UNOPENED	Min	15	R390-535-5(2)(b)(i)
TF01	FL CONC ARE NOT CALCULATED DAILY	MIN	2	TF01	FL DOSING NOT CALCULATED OR RECORDED DAILY	Min	15	R309-105-14(3)
TF02	FL CONC ARE NOT TESTED AS PER LOCAL RULES	REC	0	TF02	FL MONITORING AND REPORTING NOT MEETING HEALTH DEPARTMENT REQUIREMENTS	Min	15	R309-105-14(3), R309-535-5(1)
TF03	FL NO FAIL-SAFE DEVICE TO PREVENT OVERFEED	MIN	2	TF03	FL FACILITY LACKS SECONDARY CONTROL MECHNSM TO PREVENT OVERFEED	Sig	50	R309-535-5(2)(h)
TF28	FL IMPROPER STORAGE OF CHEMICALS	MIN	10	TF28	FL IMPROPER STORAGE OF CHEMICALS	Min	15	R309-535-5(2)(b)(ii), (iii) and (iv)
TF36	FL CHEMICALS NOT STORED ON PALLETS	MIN	2	TF36	FL DRY CHEMICALS NOT STORED ON PALLETS	Min	5	R309-535-5(2)(b)(iii)
TF41	FL INADEQUATE DISPOSAL OF BAGS, DRUMS OR BARRELS	MIN	10	TF41	FL INADEQUATE DISPOSAL OF BAGS, DRUMS OR BARRELS	Min	15	R309-535-5(5)(c)(i)
TF18	FL IMPROPER OVERFLOW FROM DAY TANK	MIN	2	TF18	FL IMPROPER OVERFLOW FROM BULK TANK OR DAY TANK	Min	15	R309-525-11(6)(a)(i)(B) and (iv)(B), R309-535
TF20	NO CALCULATIONS/RECORDS OF CHEM DOSE OF WATER QUAL/QUAN	MIN	2	TF20	FL LACKS OPERATIONAL RECORDS OF CHEM DOSE AND QUANTITY USED	Min	15	R309-105-14(3)
TF26	FL INADEQUATE SPILL CONTAINMENT PROVISIONS	MIN	2	TF26	FL ACID RESISTANT SPILL CONTAINMENT INADEQUATE OR NOT PROVIDED	Sig	25	R309-535-5(2)(c)(i), (ii) and (iii)
TF14	FL NO MEANS TO MEASURE CALC QUANTITY USED	MIN	2	TF14	FL NO MEANS TO MEASURE CHEMICAL QUANTITY USED	Sig	25	R309-535-5(2)(d)(ii)
TF10	EMERGENCY EYEWASH NOT PROVIDED FOR SATURATOR	SIG	10	TF10	EMERGENCY EYEWASH NOT PROVIDED FOR FL SATURATOR OR DRY FEEDER	Sig	25	R309-535-5(4)(g), R309-535-5(5)(d)
TF11	FL NO MEANS TO MEASURE FLOW OF WATER TO BE TREATED	MIN	2	TF11	FL NO MEANS TO MEASURE FLOW OF WATER TO BE TREATED	Sig	25	R309-535-5(2)(d)(i)
TF22	FL PUMP STARTS WITHOUT WELL OR SERVICE PUMP RUNNING	MIN	30	TF22	FL FEED PUMP STARTS WITHOUT WELL OR SERVICE PUMP RUNNING AND WATER FLOWING IN THE PIPE	Sig	100	R309-535-5(2)(f)
TF16				TF16	FLUORIDE INJECTION LINE DOES NOT ENTER IN THE LOWER 1/3 OF WATER PIPE	Min	5	R309-535-5(2)(g)(i)

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				TF50	INJECTING FLUORIDE UPSTREAM OF LIME SODA SOFTENING, ION EXCHANGE OR OTHER SOFTENING PROCESS	Min	15	R309-525-25(4)
TF23				TF23	FLUORIDATION EQUIPMENT NOT HOUSED IN SECURE BUILDING	Sig	25	R309-535-5(2)(h)(i)
TF24	CHEMICAL STORAGE ROOM LACKS VENT TO OUTSIDE AND AWAY FROM AIR INTAKES	MIN	2	TF24	FL ACID STORAGE OR INJECTION AREA LACKS VENTING TO OUTSIDE AND AWAY FROM AIR INTAKES	Min	15	R309-535-5(2)(j)(iii)
TF25				TF25	NO SEPERATE SWITCHES FOR FANS AND LIGHTS IN FLUORIDE AREA	Min	15	R309-535-5(2)(j)(iv)
TF27	FL INADEQUATE CROSS-CONNECTION PROTECTION	SIG	10	TF27	MAKEUP WATER SUPPLY FOR FL FACILITY LACKS BACKFLOW PROTECTION	Sig	50	R309-535-5(2)(k), R309-535-5(4)(d)
TF42	FL NEUTRALIZING CHEMICAL IS NOT AVAILABLE FOR IMMEDIATE USE FOR ACID SPILLS	MIIN	2	TF42	FL NEUTRALIZING CHEMICAL IS NOT AVAILABLE FOR IMMEDIATE USE FOR ACID SPILLS	Sig	25	R309-535-5(3)(e)
TF29	FL VENTS DO NOT DISCHARGE OUTSIDE ABOVE GRADE	MIN	2	TF29	FL VENTS DO NOT DISCHARGE OUTSIDE ABOVE GRADE	Min	15	R309-535-5(3)(b)(ii)
TF21	FL TEST EQUIPMENT NOT VERIFIED OR CALIBRATED	MIN	2	TF21	FL TEST EQUIPMENT NOT VERIFIED OR CALIBRATED	Min	15	R309-525-25(4)
TF31	FL STORAGE AND DAY TANKS DO NOT HAVE SEPARATE VENTS	MIN	2	TF31	FL ACID BULK AND DAY TANKS DO NOT HAVE SEPARATE VENTS WHEN BULK TANK OVERFLOW RISK EXISTS	Min	15	R309-535-5(3)(b)(iii)
TF30				TF30	FL ACID FACILITY CONSTRUCTED AFTER JAN 1, 2017 LACKS A VIEW WINDOW BETWEEN OPERATING AREA AND CONTROL ROOM	Min	15	R309-535-5(3)(c)
TF15	FL ACID NO DELUGE SHOWERS AND EYEWASH AVAILABLE	MIN	10	TF15	FL ACID FACILITY LACKS SAFETY SHOWERS AND EYEWASH	Sig	25	R309-535-5(3)(d)
TF38	see TF42	REC	0	TF38	FL NO NEUTRALIZING CHEMICAL ON SITE	Min	15	R309-535-5(3)(e)
TF13	FL INSUFFICIENT OR IMPROPER SAFETY EQUIPMENT	MIN	10	TF13	FL FACILITY INADEQUATE PERSONAL PROTECTIVE EQUIPMENT PROVIDED	Sig	25	R309-535-5(3)(f), R309-535-5(4)(h), R309-535-5(5)(e)
TF32	NO MEANS TO STOP TRANSFER PUMP	REC	0	TF32	FL ACID FACILITY LACKS A MEANS TO STOP TRANSFER PUMP TRANSFERING ACID FROM BULK TANK TO DAY TANK	REC	0	recommendation
TF33	NO EMERGENCY SHUT OFF	REC	0	TF33	FL ACID FACILITY LACKS AN EMERGENCY SHUTOFF FOR FL FEED PUMP OR TRANSFER PUMP	REC	0	recommendation
TF34	NO PROVISIONS FOR FAILURE OF ACID BULK TANK	REC	0	TF34	FL ACID FACILITY LACKS MEANS TO HANDLE CATASTROPHIC FAILURE OF ACID BULK TANK	REC	0	recommendation
TF35	NO SEISMIC RESTRAIT FOR ACID BULK STORAGE TANK	REC	0	TF35	FL ACID FACILITY LACKS SEISMIC RESTRAIT FOR ACID BULK TANK	REC	0	recommendation
TF19	SATURATORS NOT UP FLOW TYPE	MIN	2	TF19				Not in the rule
TF43	FL NO FLOW MEASURING DEVICE ON INLET OR OUTLET OF SATURATOR	MIN	2	TF43	FL SATURATOR LACKS A MEANS OF MEASURING QUANTITY OF CHEMICAL SOLUTION USED	Sig	25	R309-535-5(4)(a)
TF44	NO SAMPLE TAP AVAILABLE FOR FL TESTING	MIIN	2	TF44	NO SAMPLE TAP AVAILABLE FOR TESTING FL LEVEL IN TREATED WATER	Min	15	R309-535-5(2)(d)(iii)

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TF12	FL LEVEL OF FLUORIDE CRYSTALS INADEQUATE	MIN	2	TF12	INSUFFICIENT FL CRYSTAL AMOUNT IN FL SATURATOR TANK (BELOWED MINIMUM LEVEL MARKED ON OUTSIDE OF SATURATOR TANK)	Min	15	R309-535-5(4)(b)
TF37	FL DISSOLUTION WATER NOT PROPERLY TREATED FOR HARDNESS	MIN	2	TF37	FL DISSOLUTION WATER NOT TREATED TO HARDNESS LESS THAN 75 MG/L	Min	15	R309-535-5(4)(e)(i)
TF45	see TF10			TF45	FLUORIDE SATURATOR FACILITY LACKS EMERGENCY EYEWASH	Sig	25	R309-535-5(4)(g)
TF46	see TF13			TF46	FL SATURATOR PERSONAL PROTECTIVE EQUIPMENT NOT PROVIDED	Sig	25	R309-535-5(4)(h)
TF39	FL NO EXHAUST FAN AND DUST FILTER FOR TRANSFER OF DRY CHEMICALS	MIN	10	TF39	FL DRY FEED FACILITY LACKS EXHAUST FAN AND DUST FILTER FOR TRANSFER OF DRY CHEMICALS	Min	15	R309-535-5(5)(c)(ii)
TF47	FL DRY FEED NO SOLUTION TANK WITH MECHANICAL MIXER INSTALLED	MIN	15	TF47	FL DRY FEED SOLUTION TANK LACKS MECHANICAL MIXER	Min	15	R309-535-5(5)(a) and (b)
TF40	IMPROPER DISCHARGE OF AIR FROM FLUORIDE HANDLING EQUIPMENT	MIN	10	TF40	FL DRY FEED FACILITY DICHARGES EXHAUST AIR TO ATMOSPHERE WITHOUT THROUGH DUST FILTER	Min	15	R309-535-5(5)(c)(iii)
TF48	see TF10			TF48	FL DRY FEED FACILITY LACKS EMERGENCY EYEWASH	Sig	25	R309-535-5(5)(d)
TF49	see TF13			TF49	FL DRY FEED PERSONAL PROTECTIVE EQUIPMENT NOT PROVIDED	Sig	25	R309-535-5(5)(e)
TI05	INHIBITOR ADD - PHOSPHATE TESTS NOT DONE	NON	0	TI05	POLYPHOSPHATE SEQUESTRATION USED FOR IRON MANGANESE CONTROL WHEN IRON OR MANGANESE OR COMBINATION EXCEEDS 1 MG/L	Min	15	R309-535-11(5)
TQ06	SEQ - TOTAL PHOSPHATE APPLIED EXCEEDS 10 MG/L	MIN	2	TQ06	TOTAL PHOSPHATE APPLIED EXCEEDS 10 MG/L AS PO4 FOR IRON MANGANESE CONTROL	Min	15	R309-535-11(5)
TQ08	SEQ - IMPROPER PHOSPHATE TEST EQUIPMENT	MIN	2	TQ08	LACKS CHLORINE RESIDUAL IN DISTRIBUTION SYSTEM WHEN USING POLYPHOSPHATE SEQUESTRATION FOR IRON MANGANESE CONTROL	Min	15	R309-535-11(5)
				TQ04	APPLY POLYPHOSPHATE PRIOR TO IRON MANGANESE TREATMENT OR AFTER AERATION, OXIDATION OR DISINFECTION	Min	15	R309-535-11(5)(c)
Pump Stations								
PS13	PS SHOWS EVIDENCE OF OR NOT PROTECTED FROM FLOODING	SIG	5	PS13	PUMP STATION BUILDING FLOOR ELEVATION NOT PROTECTED FROM FLOODING OR LESS THAN 6 INCHES ABOVE FINISH GRADE	Min	15	R309-540-5(1)(a)(ii), R309-540-5(2)(a)(iii)
PS01				PS01	PUMP FACILITY NOT PROTECTED FROM FLOODING OR SURFACE RUNOFF	Min	15	R309-540-5(1)(a)(ii) and (iv)
PS33	PUMP HOUSE NOT SECURE	SIG	5	PS33	PUMP FACILITY NOT PROTECTED FROM VANDLISM OR UNAUTHORIZED ENTRY	Min	15	R309-540-5(1)(a)(v)
PS18	PUMP STATION LACKS REDUNDANT PUMP UNIT	SIG	20	PS18	IN-LINE BOOSTER PUMP STATION LACKS REDUNDANCY TO MEET PEAK DEMAND WITH ONE PUMP OUT OF SERVICE	Sig	25	R309-540-5(4)(b)
PS19	PUMP STATION LACKS CAPACITY TO MEET DEMAND	SIG	20	PS19	PUMP FACILITY LACKS CAPACITY TO MEET DEMAND	Sig	25	R309-540-3(a)
PS07				PS07	PUMP ELECTRICAL CONTROLS NOT PROTECTED AGAINST FLOODING	Sig	25	R309-540-5(6)(e)

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PS05	PS - NO SHUT OFF VALVE ON DISCHARGE PIPING	MIN	1	PS05	PUMP FACILITY LACKS SHUTOFF VALVES FOR O&M AND REPAIR	Min	15	R309-540-5(6)(a)
PS14	PS NOT PROPERLY HEATED LIGHTED OR VENTILATED	MIN	5	PS14	PUMP STATION BUILDING NOT PROPERLY HEATED, LIGHTED OR VENTILATED	Min	5	R309-540-5(2)(e), (f) and (g)
PS06	PS - LACK OF DRAIN TO DAYLIGHT FLOOR DRAIN	MIN	1	PS06	PUMP STATION BUILDING INTERIOR FLOOR NOT DRAINED OR NOT SLOPED TO DRAIN	Min	15	R309-540-5(2)(a)(v)
PS03	PS - NO PRESSURE GAUGE ON DISCHARGE PIPING	MIN	1	PS03	PUMP FACILITY LACKS PRESSURE GAUGE ON DISCHARGE LINE	Min	15	R309-540-5 (6)(c)(i)
PS02	PS - NO CHECK VALVE ON DISCHARGE PIPING	MIN	1	PS02		Min	15	R309-540
				PS34	COM SYSTEM RELIES ON DIAPHRAGM OR AIR PRESSURE TANKS FOR FINISHED WATER STORAGE OR FIRE PROTECTION	Min	15	R309-540-6(1)
PT14	HYDROPNEUMATIC TANK LACKS PROVISIONS FOR FLOOD PROTECTION	MIN	10	PT14	HYDROPNEUMATIC TANK NOT PROTECTED FROM FLOODING	Min	15	R309-540-6(2)
PT08	HYDROPNEUMATIC TANK NO DESIGNED WITH PRESSURE GAUGE ON PRESSURE TANK			PT08	HYDROPNEUMATIC TANK LACKS PRESSURE GAUGE	Min	15	R309-540-6(3)
PT13	HYDROPNEUMATIC TANK AND CONTROLS NOT SECURE	SIG	20	PT13	PUMP STATION/HYDROPNEUMATIC TANK AND CONTROLS NOT PROTECTED AGAINST HAZARD	Sig	25	R309-540-5(1)(a)(i)
PS31	IMPROPER LUBRICATION OIL	MIN	25	PS31	IMPROPER LUBRICATION OIL USED FOR DRINKING WATER PUMP FACILITY	Sig	25	R309-105-10(7)
PS15	UNPROTECTED CROSS CONN PRESENT IN PUMP STATION	SIG	20	PS15	PUMP FACILITY HAS CROSS CONNECTION OR SUBJECT TO CONTAMINATION	Sig	50	R309-105-12(1)
PS12	A/V RELEASE VALVE LACKS A DOWN-TURNED DISCHARGE	MIN	2	PS12	PUMP STATION OR HYDROPNEUMATIC TANK A/V VALVE RELIEF PIPING NOT DOWNTURNED	Sig	25	R309-550-6(6)(b), R309-540-6(2)
PS10	A/V RELEASE VALVE LACKS A PROPER SCREEN	SIG	2	PS10	PUMP STATION OR HYDROPNEUMATIC TANK A/V VALVE RELIEF PIPING LACKS NO. 14 SCREEN			
PS11	A/V RELEASE VALVE LACKS A PROPER AIRGAP	MIN	2	PS11	A/V VALVE RELIEF PIPING OF PUMP STATION OR HYDROPNEUMATIC TANK NOT PROTECTED FROM CONTAMINATION OR NOT AT LEAST 6 INCHES ABOVE FLOOR			
PS32	ELECTRICAL ROTATING EQUIP LACKS PROTECTIVE GUARDS	MIN	2					
PS17	PS - PIPING OR APPURTENANCES LEAKING	REC	0					
Drinking Water Storage Tanks								
V018	see V21			V018	STORAGE TANK EXTERIOR OR INTERIOR PEELING OR CRACKED	Sig	25	R309-545-6(1)
V025				V025	STORAGE TANK WITHIN 50 FEET OF SEWERS OR CONTAMINATION SOURCES	Sig	25	R309-545-7(3)
V001	STORAGE FACILITY SITE NOT GRADED - PROPER DRAINAGE	MIN	5	V001	STORAGE TANK SURROUNDING AREA NOT GRADED TO PREVENT STANDING WATER WITHIN 50 FEET OF THE TANK	Sig	25	R309-545-7(4)
V026				V026	NO MEANS TO ISOLATE STORAGE TANK FOR O&M	Sig	25	R309-545-7(5)

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V020	STORAGE FACILITY SHOWS MILD DETERIORATION	REC	0	V021	STORAGE TANK ROOF OR SIDEWALLS SHOW SIGNS OF MILD OR MODERATE DETERIORATION	Min	15	R309-545-6(1) and 545-9(1)
V021	STORAGE FACILITY SHOWS MODERATE DETERIORATION	MIN	20					
V022	STORAGE FACILITY SHOWS EVIDENCE OF LEAKAGE	SIG	30	V022	STORAGE TANK ROOF OR SIDEWALLS SHOW SIGNS OF SEVERE DETERIORATION	Sig	50	R309-545-6(1) and 545-9(1)
V023	STORAGE FACILITY IS LEAKING AT TIME OF INSPECTION	SIG	40					
V024	STORAGE FACILITY SHOWS EVIDENCE OF WATER INTRUSION	SIG	50					
V002	UNCOVERED FINISHED WATER STORAGE	SIG	150	V017	STORAGE TANK SUBJECT TO CONTAMINATION DUE TO UNSEALED OPENING ON TANK ROOF OR SIDEWALLS	Sig	100	R309-545-6(1) and 545-9(1)
V017	STORAGE FACILITY HAS UNSEALED ROOF PENETRATIONS	SIG	50					
V027				V027	DRINKING WATER STORAGE TANK SEPERATED FROM WASTEWATER COMPARTMENT BY A SINGLE WALL	Sig	50	R309-545-9(3)
V003	STORAGE FACILITY COVER NOT SLOPED FOR DRAINAGE	REC	0	V003	WATER PONDING ON STORAGE TANK ROOF OR TANK ROOF NOT SLOPED TO DRAIN	Min	15	R309-545-9(4)
V028				V028	SYSTEM RUNS OUT OF WATER DUE TO STORAGE TANK LACKING LEVEL CONTROL MECHANISM	Sig	25	R309-545-17
V036				V042	NO MEANS TO DRAIN A STORAGE TANK FOR O&M	Sig	25	R309-545-10(1)
V036				V036	TANK DRAIN IS CONNECTED TO OR DISCHARGES TO SANITARY SEWER	Sig	50	R309-545-10(1)(c)
V016	DRAIN LINE DOES NOT HAVE ADEQUATE AIR GAP	MIN	5	V016	END OF TANK DRAIN LINE LACKS A CLEARANCE OF AT LEAST 12 INCHES	Sig	25	R309-545-10(1)(d)
V037				V037	STORAGE TANK INTERNAL CATWALKS NOT DESIGNED WITH A SOLID FLOOR AND RAISED EDGES	Sig	25	R309-545-10(2)
VL01	STORAGE STRUCTURE MISSING A PROPER OVERFLOW	SIG	15	VL01	STORAGE TANK LACKS AN OVERFLOW	Sig	25	R309-545-13
V011	STORAGE FACILITY OVERFLOW PIPE LACKS FREEFALL	MIN	5	V011	END OF STORAGE TANK OVERFLOW LACKS A CLEARANCE OF BETWEEN 12 AND 24 INCHES FROM GROUND SURFACE	Sig	25	R309-545-13
V038				V038	STORAGE TANK OVERFLOW DISCHARGE ARE NOT DIRECTED AWAY FROM TANK TO PROTECT TANK FOUNDATION			R309-545-13
V012	STORAGE FACILITY OVERFLOW PIPE IMPROPER SCREEN	SIG	5	V012	END OF STORAGE TANK OVERFLOW PIPE LACKS NO. 4 SCREEN			R309-545-13(3)
V013	STORAGE FACILITY OVERFLOW CONNECTED TO SEWER	MIN	5	V013	STORAGE TANK OVERFLOW PIPE IS CONNECTED TO OR DISCHARGES TO SANITARY SEWER	Sig	50	R309-545-13(5)
VL03	STORAGE STRUCTURE MISSING A PROPER ACCESS HATCH	MIN	9	VL03	STORAGE TANK LACKS AN ACCESS OPENING LOCATED ABOVE THE LEVEL OF THE OVERFLOW FOR TANK O&M	Min	15	R309-545-14 and 14(1)
VL04	STORAGE FACILITY NOT DESIGNED WITH AT LEAST ONE ROOF ACCESS OPENING	MIN	9					

Deficiency Code (Current)	Deficiency Description (Current)	Deficiency Type (Current)	Points (Current)	Deficiency Code (Current)	Deficiency Description (Proposed)	Deficiency Type (Proposed)	Points (Proposed)	Rule Reference
V008	STORAGE ACCESS NOT A Min. OF 4 IN ABOVE SURFACE	MIN	3	V008	TANK ACCESS HEIGHT LESS THAN 4 INCHES ABOVE TANK ROOF OR LESS THAN 18 INCHES ABOVE EARTHEN COVER	Min	15	R309-545-14(1)
V039				V039	STORAGE TANK ACCESS NOT WATERTIGHT OR NOT SEALED TO PREVENT CONTAMINATION	Sig	50	R309-545-14(1) and (2)
V010	STORAGE FACILITY LACKS PROPER SHOEBOX ACCESS	MIN	3	V010	STORAGE TANK LID NOT SHOEBOX STYLE	Sig	25	R309-545-14(2)
V009	STORAGE FACILITY ACCESS LACKS PROPER GASKET	SIG	3	V009	STORAGE TANK LID LACKS A FUNCTIONING GASKET BETWEEN THE LID AND FRAME			R309-545-14(2)
V029	STORAGE FACILITY IS NOT SECURE	SIG	20	V029	STORAGE TANK ACCESS OPENING LACKS A LOCK			R309-545-14(3)
VL02	STORAGE STRUCTURE MISSING A PROPER AIR VENT	SIG	6	VL02	STORAGE TANK LACKS A AIR VENT	Sig	25	R309-545-15
VL05	STORAGE FACILITY VENT CAPACITY DOES NOT EXCEED WATER INFLOW/OUTFLOW	SIG	6	VL05	STORAGE TANK VENT INADEQUATELY SIZED	Sig	25	R309-545-15
V040				V040	STORAGE TANK VENT NOT SIZED OR LOCATED TO PREVENT BLOCKAGE DURING WINTER	Min	15	R309-545-15(3)
V006	STORAGE FACILITY VENT NOT 24-36 IN. ABOVE SURFACE	MIN	2	V006	END OF STORAGE TANK VENT LACKS A CLEARANCE OF AT LEAST 24 INCHES FROM EARTHEN COVER	Min	15	R309-545-15(2)
V005	STORAGE FACILITY VENT NOT TURNED DOWN	MIN	2	V005	STORAGE FACILITY VENT NOT DOWNTURNED AT LEAST 2 INCHES BELOW ANY OPENING	Sig	25	R309-545-15(1)
V007	STORAGE FACILITY VENT NOT PROPERLY SCREENED	SIG	2	V007	STORAGE TANK VENT LACKS NO. 14 SCREEN			R309-545-15(4)
V035	AIR VENT LACKS LARGER PROTECTIVE SCREEN	REC	0	V035	STORAGE TANK VENT LARGER THAN 6 INCHES IN DIAMETER LACKS PROTECTIVE SCREEN	Min	5	R309-545-15(5)
V004	STORAGE FACILITY INADEQUATE LADDERS OR RAILINGS	MIN	2	V004	STORAGE TANK LADDERS IN EXCESS OF 20 FEET LACK SAFETY FEATURE SUCH AS SAFE CAGE, HARNESS OR PLATFORM	Min	15	R309-545-18(2)
V041	ELEVATED STORAGE FACILITY NOT DESIGNED WITH RAILING TO ACCESS TANK			V041	ELEVATED STORAGE TANK LACKS RAILINGS OR HANDHOLDS	Sig	25	R309-545-18(3)
V014	STORAGE FACILITY INTERIOR COATINGS DONT MEET ANSI/NSF 61	SIG	30	V014	STORAGE TANK INTERIOR COATINGS LACK ANSI NSF 61 CERTIFICATION	Sig	25	R309-545-21(2)
Transmission and Distribution Pipelines								
D019	INADEQUATE DISTRIBUTION CAPACITY FOR FIREFLOW	MIN	5	D019	UNDERSIZED WATER MAIN SERVING FIRE HYDRANTS	Min	15	R309-550-5(4) & (5)
D009				D009	WATER MAINS SUSCEPTIBLE TO NEARBY CONTAMINATION SOURCES	Sig	50	R309-550-5(11)
INFO		NON	0	INFO	ASBESTOS CEMENT PIPE IN USE	Sig	25	R30-550-6(2)(a)
D014	DIST PIPING NOT FREE OF LEAD PIPES/FITTING			D014	DIST PIPING AND FITTINGS INSTALLED AFTER JAN 2014 NOT LEAD FREE OR NOT ANSI NSF 372 OR 61G CERTIFIED	Min	15	R30-550-6(2)(b)
D001	SYSTEM USES UNAPPROVED PIPE, FITTINGS OR MATERIAL	SIG	30	D001	DIST PIPING, FITTINGS OR MATERIAL NOT ANSI NSF 61 CERTIFIED	Sig	25	R309-550-6(1) & R309-550-6(3)
D002	WATER LINES LACK REQUIRED SEPARATION FROM SEWER	SIG	30	D002	WATER LINES LACK REQUIRED MINIMUM SEPARATION FROM SEWER	Sig	25	R309-550-7

Deficiency Code (Current)	Deficiency Description (Current)	Deficiency Type (Current)	Points (Current)	Deficiency Code (Current)	Deficiency Description (Proposed)	Deficiency Type (Proposed)	Points (Proposed)	Rule Reference
D004	AIR OR VACUUM RELEASE VALVES NOT PROPERLY SCREENED	SIG	10	D004	AIR RELIEF VALVE PIPE LACKS NO. 14 SCREEN	Sig	25	R309-550-6(6)(b)
D006	A/V RELEASE VALVE PIPING NOT EXTEND ABOVE GRADE	SIG	10	D006	AIR RELIEF VALVE PIPE NOT DOWNTURNED			R309-550-6(6)(b)
D007	AIR OR VACUUM RELEASE VALVES SUBJECT TO FLOODING	SIG	30	D007	AIR RELIEF VALVE OR CHAMBER SUBJECT TO FLOODING			R309-550-6(6)(b) and (7)(b)
D008	AIR OR VACUUM RELEASE VALVES FLOODED AT INSPECTION	SIG	50	D008	see D007			
D013	DIST BLOW OFFS CONNECTED TO SEWER OR W/NO AIR GAPS	SIG	20	D013	DIST BLOWOFFS, FIRE HYDRANT, AIR RELIEF VALVE PIPING OR CHAMBER CONNECTED TO STORM DRAIN OR SANITARY SEWER	Sig	50	R309-550-6(5)(a), R309-550-6(6)(c) and (7)(a)
D011	DIST LINE CROSS A SW BODY W/ INADEQUATE PROTECTION	SIG	50	D011	INADEQUATE PROTECTION FOR DIST LINE CROSSING UNDER A SURFACE WATER BODY	Sig	25	R309-550-8(8)(b)
D012	REC - FIRE HYDRANT USE POLICY- INADEQUATE	REC	0					
D018	DOES NOT USE AWWA DISINFECTION STANDARDS	SIG	10	D018	FAIL TO FOLLOW AWWA C651 FOR WATER LINE DISINFECTION	Sig	25	R309-550-8(10)
D003	SYSTEM FAILS TO PROVIDE 20 PSI TO ALL CONNECTIONS	SIG	50	D003	DIST SYSTEM UNABLE TO PROVIDE 20 PSI MIN PRESSURE FOR WATER LINES CONSTRUCTED BEFORE JAN 1, 2007	Sig	50	R309-105-9, R309-550-5(1)
D010	INADEQUATE PRESSURE PROVIDED TO SYSTEM POST 2006	SIG	50	D010	DIST SYSTEM UNABLE TO PROVIDE 40 PSI DURING PEAK DAY AND 20 PSI DURING FIRE FLOW FOR WATER LINES INSTALLED AFTER JAN 2017			
D016				D016	DIST WATER LINE CONNECTED TO OR SUBJECT TO CONTAMINATION	Sig	50	R309-550-9(1) and (2), R309-550-13(2)
M011	WATER HAULING NOT ALLOWD IF OTHER OPTION AVAILABLE	SIG	150	M011	UNAPPROVED WATER HAULING AS WATER SOURCE FOR COM SYSTEM	Sig	200	R309-550-10(1)
M012	REC - WATER HAULING GUIDELINES- MUST BE UTILIZED	SIG	50	M012				
INFO		NON	0	M021	INDIVIDUAL HOME BOOSTER PUMPS CONNECTED TO WATER MAIN DIRECTLY	Sig	50	R309-540-5(4)(c), R309-550-11(3)
Source Protection								
SP01	NO DESIGNATED CONTACT FOR- SOURCE PROTECTION	MIN	5					
SP02	PER NOT UPGRADED TO FULL DWSP PLAN	SIG	30	SP02	PER FOR ACTIVE SOURCE NOT UPGRADED TO FULL DWSP	Sig	25	R309-600-13(6) & R309-605-9(3)
SP04	SYSTEM NOT CURRENT ON ALL DWSP UPDATES	MIN	10	SP04	ACTIVE SOURCE LACKS APPROVED UPDATES TO DWSP PLAN	Min	5	R309-600-7(2)(e) & R309-605-7(c)(v)
SP06	NO PER FOR NEW ACTIVE SOURCE	SIG	150	SP06	NEW WATER SOURCE LACKS APPROVED PER	Sig	50	R309-600-13 & R309-605-9
SP07	SYSTEM HAS DISAPPROVED PLAN, UPDATE OR PER	SIG	20	SP07	ACTIVE SOURCE LACKS AN APPROVED DWSP PLAN	Sig	25	R309-600-7(2) & R309-605-7(1)(c)
SP08	OLD SOURCE LACKS A DWSP PLAN	SIG	30					

Deficiency Code (Current)	Deficiency Description (Current)	Deficiency Type (Current)	Points (Current)	Deficiency Code (Current)	Deficiency Description (Proposed)	Deficiency Type (Proposed)	Points (Proposed)	Rule Reference
SP09	NO DWSP REVISION SUBMITTED AFTER REDEV OF SOURC	MIN	20	SP09	REDEVELOPED SOURCE LACKS A REVISED DWSP PLAN	Min	15	R309-600-7(2)(f) & R309-605-7(1)(c)(vi)
SP03				SP03	DWSP PLAN NOT IMPLEMENTED ACCORDING TO MANAGEMENT STRATEGIES IN DWSP	Sig	25	R309-600-7(2)(d) & R309-605-7(1)(c)(iv)