

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY **REGION 8**

1595 Wynkoop Street Denver, CO 80202-1129 Phone 800-227-8917 www.epa.gov/region8-waterops

Ref: 8WD-SDA

NOV 05 2019

Mr. Joseph Lovett, Project Engineer/Chief Operator Bar-B-Bar Meadows Jorgensen Associates 1315 Hwy 89 S, Suite 201 Jackson, Wyoming 83002

Re: 2018 Sanitary Survey Report

PWS ID#: WY5601439 C

Dear Mr. Lovett:

Enclosed is a report prepared for the U. S. Environmental Protection Agency (EPA) following a sanitary survey of the Bar-B-Bar Meadows water system on September 20, 2018.

Please contact us if your system has a change in the treatment process; you add or remove a water source; there is a change in the number of people served or the number of water connections; or different contact information becomes available for your water system. This allows us to keep you up to date on monitoring requirements and keeps our inventory current. To access the EPA's change form, use the following link and send us the completed form or give us a call:

https://www.epa.gov/region8-waterops/wyoming-public-water-system-change-form

Thank you for your cooperation during the sanitary survey. If you have any questions regarding the sanitary survey, please call Jim Gindelberger at 1-800-227-8917, ext. 312-6984. If you have questions on specific regulations, please refer to the brochure enclosed with this letter, which contains the names and phone numbers for the EPA drinking water staff.

Lisa Kahn, Section Chief Drinking Water Section A

Water Division

Enclosures

cc: Mr. Paul H. Divjak, Water System Coordinator Bar-B-Bar Meadows (via mail)

2018 EPA Region 8 WY SANITARY SURVEY FORM INVENTORY

DATE OF SURVEY : <u>09/20/2018</u>	COUNTY: Teton	SURVEYOR NAME: J Kahlert
PWS ID : <u>WY5601439</u>	SYSTEM NAME: Bar-B-Bar Meado	<u>ows</u>
System representatives (including titles) present at survey: Mr. Joseph Lovett, Jorgensen Engineering, Project Engineer/Chief Operator; Mr. Paul Divjak, Water System Coordinator, Bar-B-Bar Meadows HOA		EMERGENCY CONTACT Emergency Contact Name: Mr. Joseph Lovett Emergency cell phone: (307) 690-1690
Others present: Mr. Bob Skaggs, Board Member, Bar-B-Bar Meadows HOA		Emergency email address: <u>ilovett@jorgensenassociates.com</u>
Comments:		Title: <u>Project Engineer/Chief Operator</u> Street: 1315 Hwy 89 S, Suite 201
SYSTEM OWNER OR MUNICIPA	AL LEGAL REPRESENTATIVE	City: <u>Jackson</u> State: <u>WY</u> County: <u>Teton</u> Zip: <u>83002</u>
Addressee Name: Mr. Paul Divjak Title: Water System Coordinator		PRIMARY ADMINISTRATIVE CONTACT (to receive ALL correspondence from EPA)
Company (if Corporation, name of Chomeowners Association	orporation): <u>Bar-B-Bar Meadows</u>	Addressee: Mr. Joseph Lovett Title: Project Engineer/Chief Operator
Street: <u>P.O. Box 7365</u>		Street: 1315 Hwy 89 S, Suite 201
City: <u>Jackson</u> State: <u>WY</u> Zip: <u>83</u>		City: <u>Jackson</u> State: <u>WY</u> County: <u>Teton</u> Zip: <u>83002</u>
Owner Phone: (307) 733-7447 Fax	:: <u>(NA)</u>	Administrative Contact Phone: (307) 733-5150 Fax: (NA)
Email Address: phdivjak@aol.com		Email Address: <u>jlovett@jorgensenassociates.com</u>
ADDITIONAL (if a		PUBLIC WORKS DIRECTOR, CITY ENGINEER and/or WATER PLANT SUPERINTENDENT
Addressee: Mr. Mike Henderson		Addressee: NA
Title: President, Bar-B-Bar Meadow	<u>rs HOA</u>	Title:
Street: 655 Oatgrass Road		Street:
City: <u>Jackson</u> State: <u>WY</u> County:	<u>Teton</u> Zip: <u>83002</u>	City: State: County: Zip:
Contact Phone: (307) 203-2073 Fax: (NA)		Contact Phone: () Fax: ()
Email Address: NA		Email Address:
Comments:		
DESIGNATED OPER Name: Mr. Joseph Lovett	ATOR OF SYSTEM	ALTERNATE OPERATOR Name: Mr. Thomas Kirsten
Certified Operator? @ ⊠ Yes □ No	☐ TNC System (not required)	Certified Operator? ☐ Yes ☒ No ☐ Not required
Treatment Cert. Level: 1	Distribution Cert. Level:	Treatment Cert. Level: 1 Distribution Cert. Level:
Treatment Cert. Exp. Date: 12/31/2019	Distribution Cert. Exp. Date:	Treatment Cert. Exp. Date: Expired Distribution Cert. Exp. Date:
Cert. Authority: WDEQ	Cert. Authority:	Cert. Authority: WDEQ Cert. Authority:
Phone: (307) 733-5150		Phone: (307) 733-5150
Email Address: <u>ilovett@jorgensenassocia</u>	ates.com	Email Address: tkirsten@jorgensenassociates.com
Contract Operator*? ☐ Yes ☐ No		Comments:
Date contract ends: Indefinite Go to: http://deg.wyoming.gov/wqd/opera	Comments:	Go to: http://deq.wyoming.gov/wqd/operator-certification/ Click on: Check Facility Records then Click on: Check Operator Records
Click on: Check Facility Records then Cli		
WATER SYSTEM (for operator		WATER SYSTEM CLASSIFICATION from PWS Inventory
System Treatment Classification Lev	rel: <u>1</u>	\boxtimes C = Community
System Distribution Classification Le	vel:	NTNC = Non-Transient Non-Community
Comments:		□ NC = Transient Non-Community
Go to: http://deq.wyoming.gov/wqd/opera	tor-certification/	Comments:
SYSTEM PHYSI	CAL ADDRESS	PHYSICAL LOCATION
Street: 6505 Ryegrass Road		Physical Location and Directions: From downtown Jackson, Wyoming,
City: <u>Jackson</u> State: <u>WY</u> Zip: <u>83</u>	<u>001</u>	proceed north on US-26/89/191 for 6.8 miles to Golf Coarse Road and take the 3 rd roundabout exit (west). Continue on Golf Course Rd for 0.6
		miles to North Spring Gulch Rd and turn right. Make an immediate left onto Ryegrass Rd and the facility is immediately on the left.

DEQ DISTRICT ENGINEER	COUNTY AND/OR CHS SANITARIAN		
Mr. James Brough, District Engineer	Mr. Dru Haderlie, CHS Specialist		
Phone: (307) 335-6961	Phone: (307) 279-3276		
Email: james.brough@wyo.gov	Email: dru.haderlie@wyo.gov		
PERIOD OF OPERATION	SERVICE CONNECTIONS		
	Total Service Connections (Active and Inactive): 32/11		
Part of the year: From to	Service Connections Metered?		
If only open part of the year, does the entire distribution system remain pressurized during the entire off period? \square Yes \square No	Number of metered service connections: Zero Comments:		
Comments:			
OWNER TYPE 1 Federal Government 2 Private: Subdivision, Investor, Trust, Cooperative, Water Association, etc.	POPULATION DIRECTLY SERVED (do not include populations of consecutive PWSs) (do not double count populations)		
Is this PWS operating with a lease on Federal land? ☐ Yes ☒ No	Residential Population (year-round residents): 70 (people)		
If Yes, enter name of the Federal land here:	Non-Residential Non-Transient Population: <u>NA</u> (people)		
☐ 3 State Government	(6-12 months/year, e.g. students, employees)		
4 Local Government Authority: Commission, District, Municipality, City, etc.	Transient Population (less than 6 months/year): NA (people per day) (Average daily number during peak 60 days of		
5 Mixed Public/Private	operation)		
6 Native American Indian Tribes & Reservations			
☐ 7 Other	Does the water system serve at least 25 individuals daily at least 60 days of the year (does not need to be consecutive days)? ☑ Yes ☐ No		
Comments:	Comments (source(s) of population info): Previous report		
SERVICE CATEGORY (check all that apply)	SOURCES (check all that apply)		
☐ AP Airport ☐ PC Picnic Area ☐ BA Bathing/Swimming ☐ RA Rest Area	☐ SW = Surface Water ☐ SWP = Surface Water Purchased		
☐ BR Bar ☐ RC Recreation	☐ GWP= Groundwater ☐ GWP= Groundwater Purchased		
☐ CG Campground ☐ RS Residential ☐ CH Church ☐ RT Restaurant	GWUDI = Ground Water Under the Direct Influence of Surface Water		
☐ DC Daycare Center ☐ RV RV Park	If mixed, does GW receive full SW Treatment? ☐ Yes ☐ No		
☐ HS Hospital ☐ SD Subdivision ☐ IB Interstate Bottler ☐ SK Ski Area	Is the current water source adequate in quantity? ☐ Yes ☐ No Describe:		
☐ IF Industrial/Agricultural ☐ SS Service Station ☐ IN Institution ☐ US Water User's Association ☐ LB Local Bottler ☐ VC Visitor Center	Have there been any interruptions in service since the last survey? ☐ Yes ☐ No Describe:		
☐ LO Lodge ☐ VM Vending Machine ☐ MA Marina ☐ WH Water Hauler	Have there been reports of a water borne disease (2 or more people)? ☐ Yes ☐ No Describe:		
☐ MH Mobile Home Park ☐ XX Other ☐ MO Motel/Hotel	Have there been any changes to the water system since the last survey? ☐ Yes ☒ No Describe:		
Primary Service Category Description: Residential	Are there any changes that are planned?		
Comments:	Yes No Describe:		
CUMMADY (Deceribe the water	Comments:		
A small subdivision system that uses two supply wells equipped with subm Water pressure is maintained in the residential subdivision distribution syst	r system in a paragraph or two) ersible pumps, and a partially buried 10,000-gallon concrete storage tank. em by a 3-pump booster station located adjacent to the storage tank. No lantled. Distribution is through 8-inch PVC piping, with 1.5-inch PVC service		
The following abbreviations will be used throughout this document: NI = no @ = potential significant deficiency.	information, NA = not applicable, NR = not requested,		

SIGNIFICANT DEFICIENCIES

Significant deficiencies include, but are not limited to, defects in the design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage, or distribution system, that the EPA determines to be causing, or have the potential for causing, the introduction of contamination into the water delivered to consumers. Please note the instructions for responding to significant deficiencies in the attached cover letter. Failure to provide a response to the EPA could result in a violation.

No significant deficiencies noted at this time.

UNCORRECTED SIGNIFICANT DEFICIENCIES FROM PRIOR SANITARY SURVEY

No uncorrected significant deficiencies from prior sanitary survey noted.

RECOMMENDATIONS

No recommendations noted at this time.

SOURCE DATA ACTIVE (PHYSICALLY CONNECTED) WELLS AND WELL PUMPS (if well is GWUDI and fully treated as SW, these will be recommendations)

Well Name:	Well #1	<u>Well #2</u>	
Well owner (if different than system owner):			
Facility ID (from PWS inventory, e.g., WL01):	<u>WL01</u>	<u>WL02</u>	
Well Location: (well house, well pit/pitless adapter, driveway/parking lot, combination, etc.)	Pitless adapter	Pitless adapter	
Does system want this well to be considered inactive? @	☐ Yes ⊠ No	☐ Yes ☒ No	☐ Yes ☐ No
Adequately protected from vehicle damage? @	⊠ Yes □ No	⊠ Yes □ No	☐ Yes ☐ No
If well is located in a pit or vault, is the pit or vault completely watertight?	☐ Yes ☐ No ☒ NA ——	☐ Yes ☐ No ☒ NA ——	☐ Yes ☐ No ☐ NA ——
If no, is the pit or vault completed with drainage or a sump pump for permanent or portable use? @ If applicable, indicate type (permanent pump, portable pump, or drainage)	☐ Yes ☐ No ☒ NA Type:	☐ Yes ☐ No ☒ NA Type:	☐ Yes ☐ No ☐ NA Type:
Is the pit located in a building?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA
WY DEQ and/or WY SEO permit #:	<u>UW93442</u> (Bar-B-Bar #1)	<u>UW93443</u> (Bar-B-Bar #2)	
Are there any approved WY DEQ Chapter 12 variances for this well? If yes, describe what type of variance was approved.	☐ Yes ☐ No ———	☐ Yes ☒ No ——	Yes No
Total Well Depth (ft):	<u>128</u>	<u>125</u>	
Depth range of shallowest casing perforations (ft):	<u>94</u> to <u>100</u>	<u>94</u> to <u>120</u>	to
Actual yield (gpm):	500 Adj. Amt.	500 Adj. Amt.	
Well log or Statement of Completion on site? (If yes, please copy or photograph and submit with report)	☐ Yes ☒ No	☐ Yes No	☐ Yes ☐ No
Well Construction			
Does SW runoff drain away from the wellhead (including wells in pits or vaults)? @	⊠ Yes □ No □ NA	⊠ Yes □ No □ NA	☐ Yes ☐ No ☐ NA
Does well casing terminate at least 12" above the concrete floor? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA
Does the well casing terminate at least 18" above the natural ground surface? @	☐ Yes ☐ No ☐ NA	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☐ NA
What is the actual casing height (inches)?	16 Casing height OK	13 Casing height OK	
Any holes or openings observed in the well or its appurtenances? @	⊠ Yes □ No □ NA	⊠ Yes □ No □ NA	☐ Yes ☐ No ☐ NA
If yes, describe.	Open electrical junction box mounting holes. Holes sealed by Operator post survey.	Open electrical junction box mounting holes. Holes sealed by Operator post survey.	
Does the well have a sanitary seal with tightly bolted cap? @ (May need operator to open well cap to verify; explain why if unable to verify)	☐ Yes No ☐ Unknown ——	☐ Yes No ☐ Unknown ——	☐ Yes ☐ No☐ Unknown
Is a gasket visible?	⊠ Yes □ No □ NA	⊠ Yes □ No □ NA	☐ Yes ☐ No ☐ NA
Does the well cap move?	⊠ Yes □ No □ NA	⊠ Yes □ No □ NA	☐ Yes ☐ No ☐ NA
Explain	Loose bolts. Bolts tightened by Operator post survey.	Loose bolts. Bolts tightened by Operator post survey.	
Is well vented (vent not required)?	⊠ Yes □ No □ NA	⊠ Yes □ No □ NA	☐ Yes ☐ No ☐ NA
What is the height from the ground level to the screen of the vent (inches)?	<u>29</u>	<u>24.5</u>	
Does the vent terminate at or above the top of the casing or pitless unit? @	⊠ Yes □ No □ NA	⊠ Yes □ No □ NA	☐ Yes ☐ No ☐ NA
Is vent facing downward? @	⊠ Yes □ No □ NA	⊠ Yes □ No □ NA	☐ Yes ☐ No ☐ NA
Vent screened with #24 mesh? @	⊠ Yes □ No □ NA	⊠ Yes □ No □ NA	П Yes П No П NA

System Name: <u>Bar-B-Bar Meadows</u> PWS ID#: <u>WY5601439</u> DATE OF SURVEY: <u>09/20/2018</u>

Document control # R8FQPForm-1010 R3

Well Name:	<u>Well #1</u>	Well #2	
Is there a source water sample tap for GWR compliance?	☐ Yes ☒ No ☐ NA	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☐ NA
Where is the source water tap located?	A common tap is available on the chlorination injection loop between the booster pumps and distribution.	A common tap is available on the chlorination injection loop between the booster pumps and distribution.	
Is there an air release/vacuum relief valve (not required)?	☐ Yes ☒ No ☐ NA	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☐ NA
Discharge Piping Termination			
- In a downward position? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA
- At least 8" above the floor? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA
- Screened with #24 mesh? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA
Comments:	Operator provided photos of tightening bolts and sealed mounting holes.	Operator provided photos of tightening bolts and sealed mounting holes.	
Well Pumps	□NA		
Submersible Pump?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Other type of pump?			
(if other, describe and indicate location in the comment field below)	☐ Yes ☒ No ☐ NA	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☐ NA
NSF-60 lubricant used?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA
Operable and in good condition?	⊠ Yes □ No □ NA	⊠ Yes □ No □ NA	☐ Yes ☐ No ☐ NA
Maintenance program in place?	⊠ Yes □ No □ NA	⊠ Yes □ No □ NA	☐ Yes ☐ No ☐ NA
Is the external pump subject to flooding? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA
Spare parts available?	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Emergency power available?	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Comments			
Are there any sources of pollution near the wells which could Examples: Septic systems, chemical storage/mixing facilities oil/fuel, etc)			
If yes, indicate impacted well(s) and provide general location	and comments (please locate	e on aerial map and provide	photos): NA
How far from the well is the source of pollution located?	<u>NA</u>		
Mice or other animals and their droppings in immediate area	(well house, vault, pit, etc.) @	☐ Yes 🛛 No	o
Are there seasonal variations in the quantity of the water?		☐ Yes ☒ No	o
Are there seasonal variations in the quality of the water?		☐ Yes ☒ No	o
How does the system handle sewage?		□ Centralized	Sewage Treatment
		☐ Septic Syste	ems with Pumped Vaults
			ems with Leach Fields on on aerial if near well)
Comments: Nearest septic system leach field is more than 1	,000 feet distant from the wel	l <u>s.</u>	

SOURCE DATA EMERGENCY BACKUP SOURCE WATER

Describe any backup source water possibly available during an emergency to the PWS, or indicate none: Hauled water
Is the backup water source physically disconnected from the water system? Yes No (if this is a raw water source and is still physically connected to the system, then stop filling out this section and complete the applicable source data section)

DISTRIBUTION BOOSTER PUMP STATIONS $\hfill \square$ Na

Total number of booster stations in the distribution system: 1 Yes No NA				
Are there any new booster stations since the previous survey?			\boxtimes	
Are there any booster stations the system has had problems wit	h since the previous survey?		\boxtimes	
Are there any booster stations where chlorine is added?			\boxtimes	
Note to surveyor: If there are new or problem booster stations, or if there are booster stations where chlorine is added, inspect each of them, complete the necessary sections below, and take photos of each station inspected. For booster stations where chlorine is added, add the booster station as a treatment process under the "Water Treatment Data" section, in addition to filling out the booster pump station section below.				
If there are no new or problem booster stations, inspect section below, and take photos of the one station inspec		e entir	e sys	tem, complete one
Name/location of the pump station: Booster Pump (PF01)				
How many pumps at the facility? 3				
Type of pumps: 25 HP Peerless Centrifugal				
	Yes No NA			
Are the correct types of lubricants (NSF-60) used?				
Is the pump station subject to flooding? @	☐ ☐ Building partially below ground	l. Sum	p pum	ıp in use.
Are pumps operable and in good condition?	⊠ □ □			
Is there a maintenance program in operation?				
Are spare parts available?				
Is emergency power available?				

GRAVITY TANKS

Complete for all tanks at ground water systems and consecutive sy systems. (Includes indoor clearwells and contact tanks or other fin		inished water tanks at surf	ace water / GWUDI
Tank Name:	10K Gal Storage Tank		
Tank ID (from PWS inventory, e.g., ST01):	<u>ST01</u>		
Tank owner (if different than system owner):			
Location (indoor or outdoor):	<u>Indoor</u>		
Date put into service	<u>1994</u>		
Tank Type Below ground (buried or partially buried)			
Ground level Elevated (pedestal or standpipe)			
117			
Tank is constructed of: Concrete Steel			
Fiberglass Other			
What type of water is stored (GW systems only)?	 ☐ Treated ☒ Raw	 ☐ Treated ☐ Raw	 ☐ Treated ☐ Raw
Storage volume (gallons)?	10,000		
Are there any approved WY DEQ Chapter 12 variances for this tank? If yes, describe what type of variance was approved.		☐ Yes ☐ No	☐ Yes ☐ No
Is the site subject to flooding? @	☐ Yes ☒ No	☐ Yes ☐ No	☐ Yes ☐ No
Can the tank be isolated from the system?	☐ Yes ⊠ No	☐ Yes ☐ No	☐ Yes ☐ No
Is the water level indicator accurate?	⊠ Yes □ No	☐ Yes ☐ No	☐ Yes ☐ No
Does the tank appear structurally sound? @	☑ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Does the foundation appear structurally sound? @	⊠ Yes □ No	☐ Yes ☐ No	☐ Yes ☐ No
Are there any unprotected openings in the tank (breaches, leaks, etc)? @	☐ Yes ⊠ No	☐ Yes ☐ No	☐ Yes ☐ No
Inspection and cleaning history			
If the tank is more than 10 years old, was it cleaned and inspected within the last 10 years? @	⊠ Yes □ No □ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
When and how was the tank last cleaned and inspected?	2014; commercial diver		
Who performed the cleaning and inspection?	Liquid Engineering Corp		
How was the tank disinfected after cleaning? (NA if diver used)	<u>NA</u>		
Surveyor able to view report and confirm date?	⊠ Yes □ No	☐ Yes ☐ No	☐ Yes ☐ No
If yes, note major concerns and/or recommendations:	<u>None</u>		
If Carcasses or other debris found in the tank:			
Was EPA notified immediately?	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Was the entry point for the carcass or debris eliminated?	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Describe:			<u> </u>
Overflow Overflow			
Does the tank have an overflow separate from the vent? @	Yes No NA	Yes No NA	Yes No NA
Is the overflow accessible for inspection? @ Overflow has a #24 mesh screen OR a duckbill valve OR a properly	☐ Yes ☐ No ☐ NA	Yes No NA	Yes No NA
sealed flapper valve with screen inside (EPA recommends non- corrodible #24 mesh screen)? @	⊠ Yes □ No □ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Does the overflow line terminate no less than 12 inches but no more than 24 inches above the ground surface? @	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Does the overflow discharge over an inlet structure, splash plate, or engineered rip-rap? @	⊠ Yes □ No □ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Is the discharge visible?	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Does the overflow have an air gap of 3 or more pipe diameters above the entrance to any storm or sanitary sewer? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Comments about overflow:	Overflow outfall variance reported.		

Complete for all tanks at ground water systems and consecutive systems. Also complete for finished water tanks at surface water / GWUDI systems. (Includes indoor clearwells and contact tanks or other finished water tanks.)			
Tank Name:	10K Gal Storage Tank		
Drain Line			
Combined overflow and drain pipe? (If yes, skip drain questions)	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Is the drain accessible for inspection? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Is there #24 mesh screen on the drain pipe?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Does water accumulate in the drain discharge area?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Does the drain pipe have an air gap of 3 or more pipe diameters above the entrance to any storm or sanitary sewer? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Does the drain pipe terminate between 12 and 24 inches above a drainage area?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Does the drain pipe terminate above an inlet structure, splash plate, or engineered rip-rap?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Comments about drain:	Drains through booster station.		
Air Vent			
Does the tank have a vent separate from the overflow? @	⊠ Yes □ No □ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Is the vent accessible for inspection? @	⊠ Yes □ No □ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
For above ground tanks (ground level or elevated/standpipe):			
Is there #24 mesh screen? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
If not #24 mesh screen, what size mesh is the screen?			
Does the tank have a vacuum/pressure relief valve or other mechanism to prevent tank damage?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Is the screen on the inside of the vent pipe to discourage vandalism?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Downturned vent: Is the vent at least 24" above the roof? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
For non-downturned vents: Is there a solid cover down to the bottom of the vent screen? $@$	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
For non-downturned vents: Is the screen at least 8" above the roof surface? @	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Below Ground Tanks (buried or partially buried)			
Is air vent covered with #24 mesh screen? @	⊠ Yes □ No □ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Is the screen on the inside of the vent pipe to discourage vandalism?	⊠ Yes □ No □ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Does the air vent terminate downward? @	⊠ Yes □ No □ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Is the air vent at least 24" above the roof or ground surface (whichever is higher)? @	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Comments about air vent:	The air vent terminates in the space between the top of the tank and the building roof.		_
Access Hatch			
Is the hatch accessible for inspection? @	☑ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Is the hatch raised at least 24" above the roof or ground (whichever is higher) on below ground tanks (buried or partially buried) or 4" above the roof for above ground tanks (ground level or elevated)? @	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
What is the height of the access hatch above the roof or ground surface?	<u>6 in</u> Hatch height OK	in	in
Does the hatch have a shoe box cover? @	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Is the hatch cover tight and sealed with a rubber gasket? @	☐ Yes ☒ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA

Complete for all tanks at ground water systems and consecutive systems. Also complete for finished water tanks at surface water / GWUDI systems. (Includes indoor clearwells and contact tanks or other finished water tanks.)			
Tank Name:	10K Gal Storage Tank		
Is the hatch cover locked? @	⊠ Yes □ No □ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Comments about access hatch:	The exterior building locked and gasketed hatch is 12 inches above the building roof. The tank hatch lid located below the roof fits snug six inches above the top of the tank but does not have a rubber gasket.		
Comments:			

WATER TREATMENT DATA (FOR ALL SYSTEMS) CORROSION CONTROL

Does this PWS add chemicals for corrosion control? ☐ Yes ☒ No				
Comments:				
Chemical added:	NSF 60 Certified?	Dosage at Treatment Plant	Added Continuously or Seasonally	
	☐ Yes ☐ No		☐ Continuously ☐ Seasonally	
	☐ Yes ☐ No		☐ Continuously ☐ Seasonally	
	☐ Yes ☐ No		☐ Continuously ☐ Seasonally	
	☐ Yes ☐ No		☐ Continuously ☐ Seasonally	
Do you monitor corrosion control treatment chemical concentrations, pH or any other water quality parameters at the entry point to the distribution system or at customer taps to evaluate the process? No Comments:				

DISTRIBUTION DATA

and 1,000 feet of 1-inch copper service	e distribution system, including source to use piping: lines.	Approximately 5,900 feet of 8-inch PVC main lines
Is there asbestos pipe in the distribution If yes, what are the location and estimate	n system? $\ \square$ Yes $\ \boxtimes$ No ted linear feet of the asbestos pipe in the distribution	system?
Have lines broken due to freezing? Have lines broken due to traffic load?	Yes No Yes No	
Are lines properly disinfected after repair	irs are made?	
Is there at least 35 psi pressure in the d	listribution system at peak normal flow?	□ No
Is there at least 20 psi at all points in the	e system at all times? @ \(\sqrt{Yes} \sqrt{No}	
For systems that provide water storage:	:	
Total number of days of storage (Su	ummer)? <1	
Total number of days of storage (Wi	inter)? <1	
	Yes No NA	
Is the storage capacity adequate to		
Is the storage capacity adequate to	meet future needs?	mand: 25 000 gallana nor day
-		- · · · ·
Are there any bulk water supply/fill station	, –	⊠ No
(note to surveyor: if yes, check each	facility, note its condition and provide photos)	
Station name (if applicable)	Location	Appropriate Air Gap or RPZ?
		□ Air Car □ DDZ □ Naithar @
<u>NA</u>		☐ Air Gap ☐ RPZ ☐ Neither @
<u>NA</u>		☐ Air Gap ☐ RPZ ☐ Neither @
<u>NA</u>		·
Comments:		☐ Air Gap ☐ RPZ ☐ Neither @
	bits located in the distribution system?	☐ Air Gap ☐ RPZ ☐ Neither @
Comments: Are there any air relief valves in vaults/p	pits located in the distribution system?	Air Gap RPZ Neither @ Air Gap RPZ Neither @ Air Gap RPZ Neither @ Yes No
Comments: Are there any air relief valves in vaults/p	representative ARV, note its condition and provide p	Air Gap RPZ Neither @ Air Gap RPZ Neither @ Air Gap RPZ Neither @ Yes No
Comments: Are there any air relief valves in vaults/p Note to surveyor: If yes, inspect one Are they regularly inspected and main	representative ARV, note its condition and provide p intained?	Air Gap RPZ Neither @ Air Gap RPZ Neither @ Yes No
Comments: Are there any air relief valves in vaults/p Note to surveyor: If yes, inspect one Are they regularly inspected and mai	representative ARV, note its condition and provide p intained?	Air Gap RPZ Neither @ Air Gap RPZ Neither @ Yes No No NA Yes No NA
Comments: Are there any air relief valves in vaults/p Note to surveyor: If yes, inspect one Are they regularly inspected and mai Do any have leaks and/or standing Location, length, number, and flushing f	representative ARV, note its condition and provide p intained? Water that covers the discharge point? @	Air Gap RPZ Neither @ Air Gap RPZ Neither @ Yes No No Yes No NA Yes No NA Ands are flushed annually.
Comments: Are there any air relief valves in vaults/p Note to surveyor: If yes, inspect one Are they regularly inspected and mai Do any have leaks and/or standing Location, length, number, and flushing f Are distribution system ("as-built") drawing	representative ARV, note its condition and provide p intained? water that covers the discharge point? @ frequency for dead ends in the system: Four dead ends	Air Gap RPZ Neither @ Air Gap RPZ Neither @ Yes No No Yes No NA Yes No NA Yes No NA Yes No NA
Comments: Are there any air relief valves in vaults/p Note to surveyor: If yes, inspect one Are they regularly inspected and mai Do any have leaks and/or standing Location, length, number, and flushing f Are distribution system ("as-built") drawing	representative ARV, note its condition and provide p intained? water that covers the discharge point? @ frequency for dead ends in the system: Four dead ends in the system: Four dead ends in the system: Four dead ends in the system:	Air Gap RPZ Neither @ Air Gap RPZ Neither @ Yes No No Yes No NA Yes No NA Yes No NA Yes No NA
Comments: Are there any air relief valves in vaults/p Note to surveyor: If yes, inspect one Are they regularly inspected and mai Do any have leaks and/or standing Location, length, number, and flushing f Are distribution system ("as-built") drawi For systems that add a chemical disinfer	representative ARV, note its condition and provide p intained? water that covers the discharge point? @ frequency for dead ends in the system: Four dead ends in the system: Four dead ends in the system: Four dead ends in the system:	Air Gap RPZ Neither @ Air Gap RPZ Neither @ Yes No No NA Yes No NA Yes No NA Yes No NA Yes No NA N
Comments: Are there any air relief valves in vaults/p Note to surveyor: If yes, inspect one Are they regularly inspected and mai Do any have leaks and/or standing Location, length, number, and flushing f Are distribution system ("as-built") drawi For systems that add a chemical disinfer	representative ARV, note its condition and provide p intained? water that covers the discharge point? @ frequency for dead ends in the system: Four dead e	Air Gap RPZ Neither @ Air Gap RPZ Neither @ Yes No No NA Yes No NA Yes No NA Yes No NA Yes No NA N
Comments: Are there any air relief valves in vaults/p Note to surveyor: If yes, inspect one Are they regularly inspected and mai Do any have leaks and/or standing Location, length, number, and flushing f Are distribution system ("as-built") drawing For systems that add a chemical disinfer Yes No I Is test equipment available f Are reagents up to date?	representative ARV, note its condition and provide p intained? water that covers the discharge point? @ frequency for dead ends in the system: Four dead e	Air Gap RPZ Neither @ Air Gap RPZ Neither @ Yes No No NA Yes No NA Yes No NA Yes No NA Yes No NA N
Comments: Are there any air relief valves in vaults/p Note to surveyor: If yes, inspect one Are they regularly inspected and mai Do any have leaks and/or standing Location, length, number, and flushing f Are distribution system ("as-built") drawi For systems that add a chemical disinfer Yes No Is test equipment available f Are reagents up to date? In Does the operator know how	representative ARV, note its condition and provide p intained? water that covers the discharge point? @ frequency for dead ends in the system: Four dead ends in the system: Four dead ends ings maintained (e.g., revised to show replacement of extant or receive disinfected water from a wholesaler: for measuring the chlorine residual in the distribution	Air Gap RPZ Neither @ Air Gap RPZ Neither @ Yes No No NA Yes No NA Yes No NA Yes No NA Yes No NA N
Comments: Are there any air relief valves in vaults/p Note to surveyor: If yes, inspect one Are they regularly inspected and mai Do any have leaks and/or standing Location, length, number, and flushing f Are distribution system ("as-built") drawi For systems that add a chemical disinfe Yes No	representative ARV, note its condition and provide p intained? water that covers the discharge point? @ frequency for dead ends in the system: Four dead e	Air Gap RPZ Neither @ Air Gap RPZ Neither @ Yes No No NA Yes No NA Yes No NA Yes No NA Yes No NA NA NA NO NA NA NA NA NA NA NA NA NA NA
Comments: Are there any air relief valves in vaults/p Note to surveyor: If yes, inspect one Are they regularly inspected and mai Do any have leaks and/or standing Location, length, number, and flushing f Are distribution system ("as-built") drawi For systems that add a chemical disinfe Yes No Is test equipment available f Are reagents up to date? Does the operator know how Measured chlorine residual distribution is Indicate residual value measured at this Indicate if free or total chlorine was mea	representative ARV, note its condition and provide p intained? water that covers the discharge point? @ frequency for dead ends in the system: Four dead ends in the system ends and ends in the distribution for measuring the chlorine residual in the distribution which to properly measure chlorine residual? System location: Time of analysis: system location: By Surveyor: system location: By Surveyor: system location: By Surveyor: system location: System location: By Surveyor: system location:	Air Gap RPZ Neither @ Air Gap RPZ Neither @ Yes No No NA Yes No NA Yes No NA Yes No NA Yes No NA NA No NA Yes No NA Yes No NA System? Describe equipment:

CROSS CONNECTION CONTROL

Yes	No	NA	
			Does each severe hazard connection have the appropriate reduced pressure backflow assembly installed at the meter/service connection and approved air gap (twice the size of the supply pipe diameter but always greater than one inch)? Describe each severe hazard connection and its location. @
			Note: Severe hazard connections include radioactive materials processors, nuclear reactors, and sewage treatment plants/pump stations.
			Does each high hazard connection in the <u>treatment plant</u> or <u>distribution system</u> have the appropriate air gap or reduced pressure backflow assembly installed? Describe each high hazard connection and its location. @
			Note: High hazard connections include hospitals, medical/dental facilities, laboratories, mortuaries, large taxidermies, chemical suppliers/processing facilities, petroleum plants, food processing facilities, wastewater treatment plants, and docks, car washes, dry cleaners, direct connections to raw or non-potable water, and any service connection with an unapproved auxiliary supply.
			Do trailers or mobile homes connected directly to the PWS via a yard hydrant have a residential dual check valve at each connection?
	\boxtimes		Are any frost-free hydrants that drain into the soil directly connected to this PWS?
	\boxtimes		Are there any leaking system components in the water system observed by the surveyor that are not previously noted? @
			Explain where and what was leaking:
		\boxtimes	At Community PWS, do all low hazard connections have the appropriate dual check valve assemblies installed at the meter or service connection?
			Note: Low hazard connections include mobile home parks, farms/dairies, ranches, and shopping centers.
			For Non-community Systems, do the following connections have the indicated type of backflow prevention assemblies?
			- Stock tanks – approved air gap or atmospheric vacuum breaker at the tank? @
			- Threaded yard hydrants – pressure vacuum breaker, atmospheric vacuum breaker or double check valve assembly?
			Does the water supplier have a record keeping program and management procedures to ensure:
			- The installation and certification by test or inspection (as applicable) of all backflow preventers (BFPs) at new service connections
			- The annual certification by a certified tester of all high-hazard BFPs at service connections

SAFETY

Personnel Safety						
Yes	No	NA				
\boxtimes			Are all personnel trained in proper handling of all utilized chemicals and materials?			
			Are adequate masks, protective clothing, and safety equipment provided?			
			Does the operator understand relevant Occupational Safety and Health Administration (OSHA) regulations (e.g., confined space, hazard communication, trenching/shoring, lock out/tag out)?			

MANAGEMENT DATA

Yes	No	NA	
\boxtimes			Are there rules governing new hookups to protect the integrity of this water system?
\boxtimes			Are DEQ construction standards followed?
			Is the treatment plant being properly operated to prevent inadequately treated water from being sent to the distribution system? @ no treatment
\boxtimes			Does the system have arrangements in place to assure prompt supply and repair service?
			Does the system have a current operations and maintenance manual which describes all procedures, equipment, sampling schedules and inspection data?
\boxtimes			Is there a schedule for routine preventative maintenance for all facilities and equipment?
			Does the system (treatment plant, finished water storage) have security measures in place (fencing, locks, lighting, alarms, etc.)?
			Does the system have an emergency response plan (ERP) – system does not need to show the surveyor the ERPthat includes: @
\boxtimes			- Emergency contact phone numbers?
\boxtimes			- Procedures to respond to a pressure loss/water outage?
\boxtimes			- Procedures to respond to a water contamination incident?
\boxtimes			- Is the ERP accessible to the operator on-site?
			Is the system part of the state's WARN network?
	\boxtimes		Have you evaluated possible impacts to your system from extreme weather events?
			If yes, what was the outcome?
			Are you interested in training on extreme weather events?
\boxtimes			Have you evaluated your facilities to see if they are in the 100 and 500 year flood plains?
			If yes, what was the outcome? Not in flood plain.
Wha	t perce	entage	e of the utility's power comes from your own renewable energy sources? Zero.
% wi	nd:	9	% solar: % hydro:

MONITORING AND RECORDS

Revi	sed To	otal C	coliform Rule (RTCR) monitoring (all systems)					
Yes	Yes No							
\boxtimes			Does the operator know how to collect samples for total coliform analysis? (Review operator sampling procedure at time of survey to confirm)					
			Does the operator know what to do in the event of a total coliform "unsafe" result?					
-	They will need to take 3 repeat samples under the RTCR utilizing the regular lab form: For an explanation go to the EPA Region 8 Drinking Water Online website (http://www.epa.gov/region8-waterops) - "click" on Revised Total Coliform Rule (RTCR) (under Regulations and Compliance) - "click" on Tech Tip: TC+ Follow Up (in green box) - Follow the 5 steps described in the Tech Tip for follow up sampling after a TC+ sample							
\boxtimes			Are extra bottles available in case of need for repeat coliform sampling?					
			Does the system have an RTCR sampling plan on file and available for the surveyor's review?					
			Ask the operator - Is the system following their RTCR sampling plan? If No, explain any difficulties					
<u>If su</u>	If subject to the Ground Water Rule (GWR), does the operator know: NA □							
Yes	No	NA						
			Within 24 hours of being notified of a <i>routine coliform</i> positive sample result, they must collect one triggered source water sample for <i>every</i> routine coliform positive sample at each active ground water source (e.g., three routine coliform positive samples requires the operator to collect three source water samples from <i>each</i> ground water source)?					
			They will need to submit:					
			- Source water sample results utilizing the triggered Ground Water Source Sampling Form located on the Drinking Water Online site (http://www.epa.gov/region8-waterops)?					
\boxtimes			Where to sample if they are required to sample all of their active ground water sources?					
\boxtimes			Are extra bottles available in case of the need for GWR source sampling?					
For Community and NTNC systems (including consecutives): NA								
101	COIIIII	unity	and NTNC Systems (including consecutives).					
Yes	No	NA	and NTNC Systems (including consecutives).					
			Is there a Disinfection Byproducts Rule Monitoring Plan on-site available for the surveyor's review?					
Yes	No	NA						
Yes	No	NA	Is there a Disinfection Byproducts Rule Monitoring Plan on-site available for the surveyor's review? - Is it up-to-date reflecting the current distribution system? - In the last 5 years, have water mains been extended to new service areas?					
Yes	No	NA	Is there a Disinfection Byproducts Rule Monitoring Plan on-site available for the surveyor's review? - Is it up-to-date reflecting the current distribution system?					
Yes	No	NA	Is there a Disinfection Byproducts Rule Monitoring Plan on-site available for the surveyor's review? - Is it up-to-date reflecting the current distribution system? - In the last 5 years, have water mains been extended to new service areas? - If Yes, did the total amount of new water mains exceed 2500 feet? Does the system have a Lead & Copper Tap Sample Site Plan on site and available for the surveyor's review?					
Yes	No	NA	Is there a Disinfection Byproducts Rule Monitoring Plan on-site available for the surveyor's review? - Is it up-to-date reflecting the current distribution system? - In the last 5 years, have water mains been extended to new service areas? - If Yes, did the total amount of new water mains exceed 2500 feet? Does the system have a Lead & Copper Tap Sample Site Plan on site and available for the surveyor's review? - Is it up to date?					
Yes	No	NA	Is there a Disinfection Byproducts Rule Monitoring Plan on-site available for the surveyor's review? - Is it up-to-date reflecting the current distribution system? - In the last 5 years, have water mains been extended to new service areas? - If Yes, did the total amount of new water mains exceed 2500 feet? Does the system have a Lead & Copper Tap Sample Site Plan on site and available for the surveyor's review? - Is it up to date? - Ask the operator - Is the system following their LCR Tap Sample Site Plan?					
Yes	No	NA	Is there a Disinfection Byproducts Rule Monitoring Plan on-site available for the surveyor's review? - Is it up-to-date reflecting the current distribution system? - In the last 5 years, have water mains been extended to new service areas? - If Yes, did the total amount of new water mains exceed 2500 feet? Does the system have a Lead & Copper Tap Sample Site Plan on site and available for the surveyor's review? - Is it up to date? - Ask the operator - Is the system following their LCR Tap Sample Site Plan? If No, explain any difficulties					
Yes	No	NA	Is there a Disinfection Byproducts Rule Monitoring Plan on-site available for the surveyor's review? - Is it up-to-date reflecting the current distribution system? - In the last 5 years, have water mains been extended to new service areas? - If Yes, did the total amount of new water mains exceed 2500 feet? Does the system have a Lead & Copper Tap Sample Site Plan on site and available for the surveyor's review? - Is it up to date? - Ask the operator - Is the system following their LCR Tap Sample Site Plan? If No, explain any difficulties					
Yes	No	NA	Is there a Disinfection Byproducts Rule Monitoring Plan on-site available for the surveyor's review? - Is it up-to-date reflecting the current distribution system? - In the last 5 years, have water mains been extended to new service areas? - If Yes, did the total amount of new water mains exceed 2500 feet? Does the system have a Lead & Copper Tap Sample Site Plan on site and available for the surveyor's review? - Is it up to date? - Ask the operator - Is the system following their LCR Tap Sample Site Plan? If No, explain any difficulties					
Yes	No All Sys	NA	Is there a Disinfection Byproducts Rule Monitoring Plan on-site available for the surveyor's review? - Is it up-to-date reflecting the current distribution system? - In the last 5 years, have water mains been extended to new service areas? - If Yes, did the total amount of new water mains exceed 2500 feet? Does the system have a Lead & Copper Tap Sample Site Plan on site and available for the surveyor's review? - Is it up to date? - Ask the operator - Is the system following their LCR Tap Sample Site Plan? If No, explain any difficulties					
Yes	No All Sys	NA	Is there a Disinfection Byproducts Rule Monitoring Plan on-site available for the surveyor's review? - Is it up-to-date reflecting the current distribution system? - In the last 5 years, have water mains been extended to new service areas? - If Yes, did the total amount of new water mains exceed 2500 feet? Does the system have a Lead & Copper Tap Sample Site Plan on site and available for the surveyor's review? - Is it up to date? - Ask the operator - Is the system following their LCR Tap Sample Site Plan? If No, explain any difficulties Does the operator know the location of each sample tap that represents the entry point(s) to the distribution system? (sample					
Yes	No All Sys	NA	Is there a Disinfection Byproducts Rule Monitoring Plan on-site available for the surveyor's review? - Is it up-to-date reflecting the current distribution system? - In the last 5 years, have water mains been extended to new service areas? - If Yes, did the total amount of new water mains exceed 2500 feet? Does the system have a Lead & Copper Tap Sample Site Plan on site and available for the surveyor's review? - Is it up to date? - Ask the operator - Is the system following their LCR Tap Sample Site Plan? If No, explain any difficulties Does the operator know the location of each sample tap that represents the entry point(s) to the distribution system? (sample location for Nitrates, RADs, IOCs, SOCs and VOCs) Include, in your photo document, a photo of each sample tap used by the operator to collect samples at the entry point(s) to the distribution system. Show in the photo or in the photo comments where the sample tap is located relative to other water					
Yes	No All Sys	NA Steems NA	Is there a Disinfection Byproducts Rule Monitoring Plan on-site available for the surveyor's review? - Is it up-to-date reflecting the current distribution system? - In the last 5 years, have water mains been extended to new service areas? - If Yes, did the total amount of new water mains exceed 2500 feet? - Does the system have a Lead & Copper Tap Sample Site Plan on site and available for the surveyor's review? - Is it up to date? - Ask the operator - Is the system following their LCR Tap Sample Site Plan? If No, explain any difficulties Does the operator know the location of each sample tap that represents the entry point(s) to the distribution system? (sample location for Nitrates, RADs, IOCs, SOCs and VOCs) Include, in your photo document, a photo of each sample tap used by the operator to collect samples at the entry point(s) to the distribution system. Show in the photo or in the photo comments where the sample tap is located relative to other water system facilities that are identified on the system schematic. Does the operator know how to properly label samples taken from the entry point(s)? Document the sample point code and sample point description for each entry point. The sample point code(s) and sample point description(s) are indicated on the system schematic with a star. This information is how compliance samples should be labeled and the lab's chain of custody completed. (e.g., Sample Point Code and Sample Point Description, such as SP01/Treatment Plant Sampling Point).					
Yes	No All Sys	NA Steems NA	Is there a Disinfection Byproducts Rule Monitoring Plan on-site available for the surveyor's review?					
Yes O	No All Sys	NA Stems NA	Is there a Disinfection Byproducts Rule Monitoring Plan on-site available for the surveyor's review?					

PWS #: WY5601439

System Name: Bar-B-Bar Meadows

County: Teton

Date: 09/20/2018 Photographer: J Kahlert

Photo #: 1

Subject: Well #1 (WL01)

Comments: North view. The well casing is 16 inches above grade and the vent is 29 inches above grade.



Photo #: 2

Subject: Well #1 (WL01)

Comments: West view. The Booster Pump (PF01) and 10K Gal Storage Tank (ST01) building is visible in the background at approximately 80 feet

distant.



PWS #: WY5601439

System Name: Bar-B-Bar Meadows

County: Teton

Date: 09/20/2018 Photographer: J Kahlert

Photo #: 3

Subject: Well #1 (WL01)

Comments: Open electrical junction

box mounting holes.



Photo #: 4

Subject: Well #1 (WL01)

Comments: Photo provided by operator.

The electrical junction box mounting

holes have been sealed.



PWS #: WY5601439

System Name: Bar-B-Bar Meadows

County: Teton

Date: 09/20/2018Photographer: J Kahlert

Photo #: 5

Subject: Well #1 (WL01)

Comments: Photo provided by operator showing the tightening of the loose well cap

bolts.



Photo #: 6

Subject: Well #2 (WL02)

Comments: The well casing is 10 inches above grade. Northwest view.



PWS #: WY5601439

System Name: Bar-B-Bar Meadows

County: Teton

Date: 09/20/2018 Photographer: J Kahlert

Photo #: 7

Subject: Well #2 (WL02)

Comments: North view. The vent

is 24.5 inches above grade.



Photo #: 8

Subject: Well #2 (WL02)

Comments: Northeast view. The Booster Pump (PF01) and 10K Gal Storage Tank (ST01) building is visible in the background on the right at approximately 110 feet distant.



PWS #: WY5601439

System Name: Bar-B-Bar Meadows

County: Teton

Date: 09/20/2018

Photographer: J Kahlert

Photo #: 9

Subject: Well #2 (WL02)

Comments: Open electrical junction

box mounting holes.



Photo #: 10

Subject: Well #2 (WL02)

Comments: Photo provided by operator.

The electrical junction box mounting

holes have been sealed.



PWS #: WY5601439

System Name: Bar-B-Bar Meadows

County: Teton

Date: 09/20/2018 Photographer: J Kahlert

Photo #: 11

Subject: Well #2 (WL02)

Comments: Photo provided by operator showing the tightening of the loose well cap

bolts.



Photo #: 12

Subject: Booster Pump (PF01)

Comments: The three centrifugal booster pumps are fed from the 10K Storage Tank (ST01) which is located at the back wall of the building.



PWS #: WY5601439

System Name: Bar-B-Bar Meadows

County: Teton

Date: 09/20/2018

Photographer: J Kahlert

Photo #: 13

Subject: Booster Pump (PF01)

Comments: The 10K Storage Tank

wall is visible on the left.



Photo #: 14

Subject: Booster Pump (PF01)

Comments: Building access.



PWS #: WY5601439

System Name: Bar-B-Bar Meadows

County: Teton

Date: 09/20/2018 Photographer: J Kahlert

Photo #: 15

Subject: Booster Pump (PF01)

Comments: Building sump pump.



Photo #: 16

Subject: 10K Storage Tank

(ST01)

Comments: Storage tank located inside building at this end. Tank hatch

is visible on the roof.



PWS #: WY5601439

System Name: Bar-B-Bar Meadows

County: Teton

Date: 09/20/2018 Photographer: J Kahlert

Photo #: 17

Subject: 10K Storage Tank

(ST01) Overflow

Comments: The overflow outfall is 6 inches above grade (reported variance) with a flapper valve.



Photo #: 18

Subject: 10K Storage Tank

(ST01) Overflow

Comments: #24-mesh corrosion-resistant screen behind flapper valve.



PWS #: WY5601439

System Name: Bar-B-Bar Meadows

County: Teton

Date: 09/20/2018 Photographer: J Kahlert

Photo #: 19

Subject: 10K Storage Tank

(ST01) Access Hatch

Comments: Tank roof and interior

hatch lid (green) are visible inside the open

exterior access hatch.



Photo #: 20

Subject: 10K Storage Tank

(ST01) Access Hatch

Comments: Open interior hatch.



PWS #: WY5601439

System Name: Bar-B-Bar Meadows

County: Teton

Date: 09/20/2018
Photographer: J Kahlert

Photo #: 21

Subject: Former Treatment

Comments: Located inside Booster

Pump (PF01) building.



Photo #: 22

Subject: Former Treatment

Comments: Located inside Booster Pump (PF01) building. A common tap is visible here on the chlorination injection loop, located between the booster pumps and distribution.



PWS #: WY5601439

System Name: Bar-B-Bar Meadows

County: Teton

Date: 09/20/2018
Photographer: J Kahlert

Photo #: 23

Subject: Former Treatment

Comments: Located inside Booster

Pump (PF01) building.

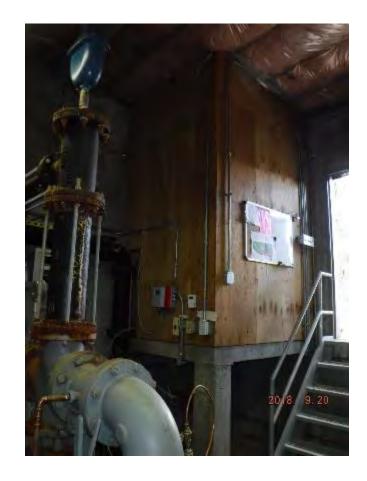


Photo #: 24

Subject: Booster Pump (PF01)

Comments: An air release valve is

visible at the top of the photo.



PWS #: WY5601439

System Name: Bar-B-Bar Meadows

County: Teton

Date: 09/20/2018 Photographer: J Kahlert

Photo #: 25

Subject: Booster Pump (PF01)

Comments: Air release valve

plumbed to the exterior of the building.



Photo #: 26

Subject: Booster Pump (PF01)

Comments: Properly screened air release valve piping discharge located on the exterior of the building.

