

2015 Drinking Water Infrastructure Needs Survey And Assessment

U.S. Environmental Protection Agency
Washington, DC 20460

Federal PWSID No.:

OMB No.:
Approval Expires:
12345678

Please verify or correct the following information:

	Check if Correct as Printed	Corrected Information <i>(Fill in only if preprinted information is missing or incorrect)</i>
Name of System (Community): Greenville	<input type="checkbox"/>	
Name of Contact: Utility Manager		
Street Address: 111 Pleasant Street	<input type="checkbox"/>	
City, State, and Zip: Greenville, ST 12345		
Population Served (if wholesaler, include consecutive population as appropriate): 4650	<input type="checkbox"/>	
Number of Connections (not including consecutive systems): 1849	<input type="checkbox"/>	2100
Total System Design Capacity (in MGD): 4.5	<input type="checkbox"/>	
Total Length of Pipe in System (in Feet): 150,000	<input type="checkbox"/>	153,000
Source Water Type (Ground, Surface/GWUDI, etc.): Ground	Check All That Apply:	<input checked="" type="checkbox"/> Ground <input type="checkbox"/> Surface/GWUDI <input type="checkbox"/> Purchased Ground <input type="checkbox"/> Purchased Surface/GWUDI
Ownership Type: Public	Check All That Apply:	<input checked="" type="checkbox"/> Public <input type="checkbox"/> Investor-Owned or <input type="checkbox"/> Federal Government Private Non-Profit
<p>Public reporting burden for this collection of information is estimated to average 5.53 hours per response. This estimate includes time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information collected. Burden means the total time, effort, or financial resources expended by person(s) to generate, maintain, retain, or disclose or provide information to or for a Federal Agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information; adjust the existing ways to comply with any previously applicable instructions; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The OMB control numbers for EPA's regulations are listed in 40 CFR Part 9 and 48 CFR Chapter 15.</p> <p>Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, OPPI, Regulatory Information Division, U.S. Environmental Protection Agency (1804A), Ariel Rios Building, 1200 Pennsylvania Ave., NW, Washington, DC 20460; and Office of Information and Regulatory Affairs, Office of Management and Budget, 725 17th Street, N.W., Washington, DC 20503.</p>		
<p>State Use Only</p> <p>State Reviewer: _____ Telephone Number: _____</p>		

Information provided for this survey can be requested by the public. It is our experience that this information is rarely requested.

Project Table

Federal PWSID No.: 12345678

Project Number	Project Name	Type of Need	Reason for Need	<u>N,E,R,H</u>	<u>C</u> or <u>F</u>	Regulation	Design Capacity	Diameter	Length	Number Needed	Cost Estimate	Cost Date	Documentation	Remove Modify or Validate	Comment Codes
1000	Replace Well #1 Pump	R2	A1	R	F	4A	1.4			1			10		100
1001	Replace Well #2 Pump	R2	A1	R	C	4A	2.9			1			10		100
1002	Replace Well #3	R1	A1	R	C	4A	2.9			1			1, 10	*	100
1003	Rehab East Treatment Plant	T22	A1, A6	H	C	1C	1.4			1			10		100
1004	Rehab East Storage	S2	A1	H	F	4A	1			1			10		100
1005	Replace West Storage	S2	A1	R	C	4A	2			1			1	*	100
2000	Replace Deteriorated Water Mains	M1	A1	R	F	4A		8	15,000				10	*	100
2001	Benton Residential Water Main	M1	A4	N	C	4A					\$213,700	04/2007	10, 20	*	100
2002	West Industrial Site Water Main	M1	A9												180, 170
3000	Replace Water Meters	M8	A1	R	C	4A		0.625		1849			10		100
3001	Replace Lead Service Lines	M2	A6	R	C	1D				200			10	*	100

Summary of Survey-Generated and Independent Documentation for Each Project

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<i>Project Number</i>	<i>Project Name</i>	<i>Documentation Code(s)</i>	<i>State/System Survey-Generated Statement</i>	<i>Independent Document Name</i>	<i>Independent Documentation Page Number(s)</i>
1000	Replace Well #1 Pump	10			
1001	Replace Well #2 Pump	10			
1002	Replace Well #3	1, 10			
1003	Rehab East Treatment Plant	10			
1004	Rehab East Storage	10			
1005	Replace West Storage	1			
2000	Replace Deteriorated Water Mains	10			
2001	Benton Residential Water Main	10, 20			
2002	West Industrial Site Water Main				
3000	Replace Water Meters	10			
3001	Replace Lead Service Lines	10			

Greenville Utility Department

Capital Improvement Plan

Fiscal Year 2012 Updates

City of Greenville



Project Matrix – 2012 Updates

Project	Scope	Status	Priority
Benton Residential Water Main	Installation of new residential mains off Benton Street.	Project reviewed: cost revised to \$267,125.00	Medium priority.
West Industrial Water Main	Installation of 5,500 LF of 8-inch PVC main on West Side of Greenville.	Project is expected to be completed in 2016. Will be included in FY 2016 budget.	Per the state’s Department of Environmental Quality, this is a high priority project. Arsenic has been detected in residential wells. This represents an immediate water quality concern.

From: Dave Jones, Greenville Utility
Sent: Tuesday, April 14, 2015 12:45 PM
To: Joe Smith, DWINSA Coordinator
Subject: RE: 2015 Needs Survey Updates

Hi Joe,

In response to your call last week the following are updates on Greenville's capital needs;

Replacement of Well #3: Unfortunately we weren't able to get this done due to utility budget constraints (we have had some severe weather events in the last couple years that diverted substantial funding to emergency repairs). We replaced the pump in 2013, which is helping with the flow rates. The whole well will definitely need to be replaced in the next few years, as soon as we have funding.

Replace Pump on Well #4: We did not include a project for this well last time because it was off line at the time. However, we are bringing it back online as an emergency source. It hasn't been used the last few years and will be getting a new pump before it's brought into service. It has historically run at 1.7 MGD.

Replacement of West Storage Tank: We did get this tank replaced in 2013. We generally rehab our tanks every 10 years, so the new tank will require rehab within 20 years.

Benton Residential Water Main: This project is still needed, hasn't started and the scope is the same except that we do have an updated cost in our most recent CIP which is attached. We have had long standing pressure issues in this area of town. We have been monitoring pressures in the area and they have gone below 30 psi on numerous occasions. This proposed loop will address these problems. As mentioned previously, budget constraints pushed back the schedule on some of our planned capital improvement projects.

West Industrial Main Project: This project involves a water main extension. The project has not started but the scope has changed slightly. The State DEQ found high arsenic levels in several of the residential wells in the area so this project is now considered a high priority. The people in this part of town are all residents of Greenville; however, most are currently on private wells. Providing safe water to these residents is our utility's responsibility and the project will be paid for by Greenville. We've agreed with the State that the project will begin now that the final assessment has been completed. I attached a page from our most recent CIP with some additional info.

We are continuing to replace the lead service lines at a steady rate. There are approximately 100 remaining that require replacement.

Please let me know if you have any further questions.

Dave Jones
Utility Manager
City of Greenville