

5.14 DIRECT CONNECTIONS

Ten potential participants in the probable service boundary have been identified as Class G direct connection participants: Lemaster Enterprises, Antelope Mobile Home Park, Peoples Improvement & Service District, Stroup Trailer Court, Southside Well Improvement & Service District, Mohan Subdivision, Interstate Industrial Park, Fox Park Subdivision, Westridge Water Users Association, and Heritage Village Water and Sewer District. For the direct connections to be made, each of these potential participants must meet all WDEQ minimum standards and be in at least a fair condition.

Interstate Industrial Park, Fox Park Subdivision, Westridge Water Users Association, and Heritage Village Water and Sewer District have been annexed into the city recently and would be converted to consecutive systems. Their systems are currently connected or would be connected to the City of Gillette’s water distribution system and valved off. These three participants are documented in this report but no costs have been developed since the connection exists or would be made soon.

LEMASTER ENTERPRISES

This system is located to just north of the Gillette city limits and may be annexed in the near future. An inventory form was not completed for Lemaster Enterprises so limited information is available about the system. Three wells provide water to two tanks in the system. Three existing pump stations provide service pressure from the storage tanks to the distribution system. This system does not provide fire protection to its customers. Table 82 presents the known existing water system summary for Lemaster Enterprises. Figures 139 through 144 are photos of the existing pump station, tank, and wells.

**TABLE 82 LEMASTER ENTERPRISES, INC.
EXISTING SYSTEM SUMMARY**

Tank	Volume (gallons)	
2	Unknown	
Well	Production Rate (gpm)	
2	Unknown	
Number of Existing Water Taps	Number of Planned Future Water Taps	
Unknown	Unknown	
Annual Water Usage (gallons)	Peak Day Summer Usage (gallons)	Peak Day Winter Usage (gallons)
Unknown	Unknown	Unknown
Operating Pressure (psi)	Optimum Operating Pressure (psi)	
Unknown	Unknown	

FIGURE 139 LEMASTER ENTERPRISES PUMP STATION #1



FIGURE 140 LEMASTER ENTERPRISES PUMP STATION #1 AND TANK #1



FIGURE 141 LEMASTER ENTERPRISES PUMP STATION #2



FIGURE 142 LEMASTER ENTERPRISES PUMP STATION #3



FIGURE 143 LEMASTER ENTERPRISES WELL #1



FIGURE 144 LEMASTER ENTERPRISES WELL #2



The system may be connected to the City’s distribution by a direct connection near the intersection of East Warlow Drive and North Garner Lake Road (see Mapbook “Direct Connect Systems” – Sheet 1) and a tap on the Countryside Line (see Mapbook “Countryside Line” – Sheet 1). Two 8-inch connections of approximately 750 and 300 ft would provide service to the existing tanks and distribution systems, respectively. Campbell County plans to widen Garner Lake Road as part of the Northern Drive Phase I project which could change the alignment of the road. The waterlines could be installed at the same time as the road widening project to take advantage of joint construction and easement issues. Table 83 summarizes the future connection requirements. The interim class of service has been defined as Class C because in the near-term Lemaster Enterprises can use its own water supply. The future class of service has been defined as Class G because Lemaster Enterprises will likely be annexed into the City and become a direct connection. Individual water meters at each service connection are required for Class G service. In addition, the system must meet WDEQ minimum standards including adequate pipe sizes to provide fire protection.

**TABLE 83 LEMASTER ENTERPRISES, INC.
FUTURE CONNECTION SUMMARY**

Class of Service	
Interim:	Future:
Class C	Class G
Delivery Requirements	
Connection Size: 8-inch	
Average Day Demand:	Peak Day Average Demand:
3 gpm	10 gpm
Preferred Delivery Point	
Connection to:	Estimated Pressure at Delivery Point:
Direct Connection to Distribution System	90 psi
Infrastructure Needs to Establish Connection	
Service isolation valve, service meters, and approximately 1,050 feet of dedicated 8-inch pipe.	

ANTELOPE MOBILE HOME PARK

This system is located just east of Gillette and may be annexed into the City in the near future. Antelope Mobile Home Park does not have individual water meters for its customers. They disinfect their water using sodium hypochlorite and customers pay a bulk water charge. They have collected water quality data that is available.

The returned inventory form provided the following information about Antelope Mobile Home Park. This system appears to be in a state of good repair. Fire protection is provided through an existing emergency connection to the City's water distribution system. The existing pump station provides service pressure from the storage tank to the distribution system. It was not indicated if they are interested in joining a regional system in the survey. Table 84 presents the known existing water system summary for Antelope Mobile Home Park. Figures 145 through 148 are photos of the existing pump station, tank, and wells.

**TABLE 84 ANTELOPE MOBILE HOME PARK
EXISTING SYSTEM SUMMARY**

Tank	Volume (gallons)	
1	12,000	
Well	Production Rate (gpm)	
	70	
Number of Existing Water Taps	Number of Planned Future Water Taps	
110	0	
Annual Water Usage (gallons)	Peak Day Summer Usage (gallons)	Peak Day Winter Usage (gallons)
16,425,000	51,323	28,516
Operating Pressure (psi)	Optimum Operating Pressure (psi)	
Not Given	Not Given	

FIGURE 145 ANTELOPE MOBILE HOME PARK PUMP STATION



FIGURE 146 ANTELOPE MOBILE HOME PARK PUMP STATION AND TANK



FIGURE 147 ANTELOPE MOBILE HOME PARK WELL #1



FIGURE 148 ANTELOPE MOBILE HOME PARK WELL #2



The system may be connected to the City’s distribution by a direct connection (see Mapbook “Direct Connect Systems” – Sheet 2). One 8-inch connection of approximately 100 ft would provide service to the existing storage tank and distribution system. Table 85 summarizes the future connection requirements. The interim class of service has been defined as Class C because in the near-term Antelope Mobile Home Park can use its own water supply. The future class of service has been defined as Class G because Antelope Mobile Home Park will likely be annexed into the City and become a consecutive system. Individual water meters at each service connection are required for Class G service.

**TABLE 85 ANTELOPE MOBILE HOME PARK
FUTURE CONNECTION SUMMARY**

Class of Service	
Interim:	Future:
Class C	Class G
Delivery Requirements	
Connection Size: 8-inch	
Average Day Demand:	Peak Day Average Demand:
30 gpm	40 gpm
Preferred Delivery Point	
Connection to:	Estimated Pressure at Delivery Point:
Direct Connection to Distribution System	110 psi
Infrastructure Needs to Establish Connection	
Service isolation valve and approximately 100 feet of dedicated 8-inch pipe.	

PEOPLES IMPROVEMENT & SERVICE DISTRICT

This system is located just south of the Gillette city limits and may be annexed into the City in the near future. Peoples Improvement & Service District has individual water meters for its customers and disinfects their water using chlorine gas. They have collected water quality data that is available. This system does not provide fire protection to its customers.

The returned inventory form provided the following information about Peoples Improvement & Service District. A local Improvement & Service District governs the system which appears to be in good condition. The existing pump station provides service pressure from the storage tank to the distribution system. Table 86 presents the known existing water system summary for Peoples Improvement & Service District. Figures 149 through 152 are photos of the existing pump station, tank, and well.

**TABLE 86 PEOPLES IMPROVEMENT & SERVICE DISTRICT
EXISTING SYSTEM SUMMARY**

Tank	Volume (gallons)	
1	95,300	
Well	Production Rate (gpm)	
1	75	
Number of Existing Water Taps	Number of Planned Future Water Taps	
52	Not given	
Annual Water Usage (gallons)	Peak Day Summer Usage (gallons)	Peak Day Winter Usage (gallons)
9,231,000	64,000	14,806
Operating Pressure (psi)	Optimum Operating Pressure (psi)	
Not given	Not given	

FIGURE 149 PEOPLES IMPROVEMENT & SERVICE DISTRICT PUMP STATION



FIGURE 150 PEOPLES IMPROVEMENT & SERVICE DISTRICT PUMP STATION



FIGURE 151 PEOPLES IMPROVEMENT & SERVICE DISTRICT TANK



FIGURE 152 PEOPLES IMPROVEMENT & SERVICE DISTRICT WELL



The system may be connected to the City’s distribution by a direct connection (see Mapbook “Direct Connect Systems” – Sheet 3). One 6-inch connection of approximately 1,400 ft would provide service to the existing storage tank and distribution system. Table 87 summarizes the future connection requirements. The interim class of service has been defined as Class C because in the near-term Peoples Improvement & Service District can use its current water supply. The future class of service has been defined as Class G because Peoples Improvement & Service District will likely be annexed into the City and become a consecutive system. A 50 gpm package pump station with approximately 200 ft of TDH would be required to deliver water to Peoples Improvement & Service District. In addition, the system must meet WDEQ minimum standards including adequate pipe sizes to provide fire protection.

TABLE 87 PEOPLES IMPROVEMENT & SERVICE DISTRICT FUTURE CONNECTION SUMMARY

Class of Service	
Interim:	Future:
Class C	Class G
Delivery Requirements	
Connection Size: 6-inch	
Average Day Demand:	Peak Day Average Demand:
20 gpm	50 gpm
Preferred Delivery Point	
Connection to:	Estimated Pressure at Delivery Point:
Direct Connection to Distribution System	50 psi
Infrastructure Needs to Establish Connection	
Service isolation valve, 50 gpm package pump station, and approximately 1,400 feet of dedicated 6-inch pipe.	

STROUP TRAILER COURT

This system is located just southeast of the City and may be annexed into the City in the near future. Stroup Trailer Court does not have individual water meters for its customers and disinfects their water using sodium hypochlorite. Their customers pay a bulk water charge. They have collected water quality data that is available. This system does not provide fire protection to its customers.

The returned inventory form provided the following information about Stroup Trailer Court. This system is a private system that is 10 years old. Upon viewing the system during the inventory process, it is in need of maintenance and upgrades. The existing pump station provides service pressure from the storage tank to the distribution system. Table 88 presents the known existing water system summary for Stroup Trailer Court. Figures 153 through 156 are photos of the existing pump station, tank, and well.

**TABLE 88 STROUP TRAILER COURT
EXISTING SYSTEM SUMMARY**

Tank	Volume (gallons)	
1	10,000	
Well	Production Rate (gpm)	
1	20	
Number of Existing Water Taps	Number of Planned Future Water Taps	
36	Not Given	
Annual Water Usage (gallons)	Peak Day Summer Usage (gallons)	Peak Day Winter Usage (gallons)
Not given	Not given	Not given
Operating Pressure (psi)	Optimum Operating Pressure (psi)	
Not Given	Not Given	

FIGURE 153 STROUP TRAILER COURT PUMP STATION



FIGURE 154 STROUP TRAILER COURT PUMP STATION



FIGURE 155 STROUP TRAILER COURT TANK



FIGURE 156 STROUP TRAILER COURT WELL



The system may be connected to the City’s distribution by a direct connection (see Mapbook “Direct Connect Systems” – Sheet 4). One 8-inch connection of approximately 300 ft would provide service to the existing storage tank and distribution system. Table 89 summarizes the future connection requirements. The interim class of service has been defined as Class C because in the near-term Stroup Trailer Court can use its current water supply. The future class of service has been defined as Class G because Stroup Trailer Court would likely be annexed into the City and become a consecutive system. Individual water meters at each service connection are required for Class G service. In addition, the system must meet WDEQ minimum standards including adequate pipe sizes to provide fire protection.

**TABLE 89 STROUP TRAILER COURT
FUTURE CONNECTION SUMMARY**

Class of Service	
Interim:	Future:
Class C	Class G
Delivery Requirements	
Connection Size: 8-inch	
Average Day Demand:	Peak Day Average Demand:
15 gpm	40 gpm
Preferred Delivery Point	
Connection to:	Estimated Pressure at Delivery Point:
Direct Connection to Distribution System	90 psi
Infrastructure Needs to Establish Connection	
Service isolation valve and approximately 300 feet of dedicated 8-inch pipe.	

SOUTHSIDE WELL IMPROVEMENT & SERVICE DISTRICT

This system is located in the southern part of Gillette and may be served by the City’s water distribution system in the near future. This small system is within the city limits of Gillette. It is located just off of HWY 59 on Carlisle Street in the southern part of the City.

The returned inventory form provided the following information about Southside Well Improvement & Service District. Southside Well Improvement & Service District does not have individual water meters for its customers. Their customers pay a bulk water charge of 70 dollars per month for residential customers and 100 dollars per month for commercial customers. They disinfect their water using sodium hypochlorite and they have collected water quality data that is available. An Improvement & Service District governs this system and it is reported to have fair reliability. This system is 40 years old, does not provide fire protection to its customers and standby power is provided by a portable generator.

This system appears to be in good repair. The well, pump station and tank are all located next to each other. The existing pump station provides service pressure from the storage tank to the distribution system. Table 90 presents the existing water system summary for Southside Well Improvement & Service District. Figures 157 through 159 are photos of the existing pump station, tank, and well.

When asked, homeowners expressed interest in possibly connecting to the regional system. The homeowners requested that their operator be contacted and provided more information. The largest issues this system faces are the costs related to small size and complying with all EPA and State regulations. There are no water quality issues for the system; it is reported that the water quality is high, soft and tastes good.

TABLE 90 SOUTHSIDE WELL IMPROVEMENT & SERVICE DISTRICT EXISTING SYSTEM SUMMARY

Tank	Volume (gallons)	
1	5000	
Well	Production Rate (gpm)	
1	30	
Number of Existing Water Taps	Number of Planned Future Water Taps	
19	4	
Annual Water Usage (gallons)	Peak Summer Usage (gallons)	Peak Winter Usage (gallons)
2,000,000	1,040,000 / month	294,000 / month
Operating Pressure (psi)	Optimum Operating Pressure (psi)	
45	50	

FIGURE 157 SOUTHSIDE WELL IMPROVEMENT & SERVICE DISTRICT PUMP STATION



FIGURE 158 SOUTHSIDE WELL IMPROVEMENT & SERVICE DISTRICT PUMP STATION AND TANK



FIGURE 159 SOUTHSIDE WELL IMPROVEMENT & SERVICE DISTRICT WELL



There are existing Gillette distribution system waterlines near the Southside Well Improvement & Service District Tanks. The system may be connected to this City distribution waterline by a direct connection (see Mapbook “Direct Connect Systems” – Sheet 5). One 8-inch connection of approximately 100 ft would provide service to the existing storage tank and distribution system. Table 91 summarizes the future connection requirements. The interim class of service has been defined as Class C because in the near-term Southside Well Improvement & Service District can use its current water supply. The future class of service has been defined as Class G because Southside Well Improvement & Service District will likely become a consecutive system. Individual water meters at each service connection are required for Class G service. In addition, the system must meet WDEQ minimum standards including adequate pipe sizes to provide fire protection.

**TABLE 91 SOUTHSIDE WELL IMPROVEMENT & SERVICE DISTRICT
FUTURE CONNECTION SUMMARY**

Class of Service	
Interim:	Future:
Class C	Class G
Delivery Requirements	
Connection Size: 8-inch	
Average Day Demand:	Peak Day Average Demand:
5 gpm	25 gpm
Preferred Delivery Point	
Connection to:	Estimated Pressure at Delivery Point:
Direct Connection to Distribution System	100 psi
Infrastructure Needs to Establish Connection	
Service isolation valve and approximately 100 feet of dedicated 8-inch pipe.	

MOHAN SUBDIVISION

The Mohan Subdivision area is located southeast of the Gillette city limits. The subdivision was not inventoried. The Mohan Subdivision is an existing subdivision with about half of the residences served by City water and the other half served by private wells. The existing water distribution system is directly connected to the City water system as part of the South Douglas Highway Improvement & Service District. The area that is not served by the City and is being considered as a potential participant is contained by the area south of Wyoming Machine on Mohan Road to Swanson Road, Lee Avenue to Schoonover Street, Schoonover Street to Patty Avenue, and Patty Avenue to Highway 59 (South Douglas Highway).

A new water distribution system with mains and service connections would be required to serve the Mohan Subdivision area. The system may be connected to the City distribution waterlines by a looping 8” main (see Mapbook “Direct Connect Systems” – Sheets 6 and 7). Table 92 summarizes the future connection requirements. The interim and future classes of service have been defined as Class G because Mohan Subdivision will likely become a consecutive system in the near future when the mains are constructed. Individual water meters at each service connection are required for Class G service. Fire protection would be provided with this system extension.

**TABLE 92 MOHAN SUBDIVISION
FUTURE CONNECTION SUMMARY**

Class of Service	
Interim:	Future:
Class G	Class G
Delivery Requirements	
Connection Size: 8-inch	
Average Day Demand:	Peak Day Average Demand:
100 gpm	450 gpm
Preferred Delivery Point	
Connection to:	Estimated Pressure at Delivery Point:
Direct Connection to Distribution System	80 psi
Infrastructure Needs to Establish Connection	
Service isolation valves and approximately 3,900 feet of dedicated 8-inch pipe.	

INTERSTATE INDUSTRIAL PARK

This system is located in the eastern side of the City and has been recently annexed into the City. Interstate Industrial Park does not have individual water meters for customers and disinfects their water using sodium hypochlorite. They have collected water quality data that is available.

The returned inventory form provided the following information about Interstate Industrial Park. This system is governed by a Water and Sewer District and has been reported to be in fair condition. This system does not provide fire protection and has only commercial customers. The existing pump station provides service pressure from the storage tank to the distribution system. Table 93 presents the existing water system summary for Interstate Industrial Park. Figures 160 through 163 are photos of the existing pump station, tank, and well.

**TABLE 93 INTERSTATE INDUSTRIAL PARK
EXISTING SYSTEM SUMMARY**

Tank	Volume (gallons)	
1	24,000	
Well	Production Rate (gpm)	
1	80	
Number of Existing Water Taps	Number of Planned Future Water Taps	
50	Not given	
Annual Water Usage (gallons)	Peak Day Summer Usage (gallons)	Peak Day Winter Usage (gallons)
3,900,000	15,677	11,742
Operating Pressure (psi)	Optimum Operating Pressure (psi)	
30-50	Not given	

FIGURE 160 INTERSTATE INDUSTRIAL PARK PUMP STATION



FIGURE 161 INTERSTATE INDUSTRIAL PARK PUMP STATION



FIGURE 162 INTERSTATE INDUSTRIAL PARK TANK



FIGURE 163 INTERSTATE INDUSTRIAL PARK WELL

There are existing Gillette distribution waterlines near the Interstate Industrial Park system. The system may be connected to this City distribution waterline by a direct connection (see Mapbook “Direct Connect Systems” – Sheet 8). However, no improvements have been developed for Interstate Industrial Park since the connection will be made by the City in the near future. The interim class of service has been defined as Class C because in the near-term Interstate Industrial Park can use its current water supply. The future class of service has been defined as Class G because Interstate Industrial Park will likely become a consecutive system. Individual water meters at each service connection are required for Class G service. In addition, the system must meet WDEQ minimum standards including adequate pipe sizes to provide fire protection.

FOX PARK SUBDIVISION

This system is located just outside of the City limits on the eastern edge. Fox Park Subdivision has individual water meters for customers and disinfects their water using chlorine gas. They have collected water quality data that is available.

The returned inventory form provided the following information about Fox Park Subdivision.

This is one of the larger systems surveyed for this study and is governed by an Improvement & Service District. It is reported to have good reliability and provides fire protection. They have a fire pump installed to provide the flows for fire protection. The revenues from the water fees also cover the costs of sewer and garbage. The existing pump station provides service pressure from the storage tank to the distribution system. Table 94 presents the existing water system summary for Fox Park Subdivision. Figures 164 through 167 are photos of the existing pump station, tank, and well.

**TABLE 94 FOX PARK SUBDIVISION
EXISTING SYSTEM SUMMARY**

Tank	Volume (gallons)	
1	500,000	
Well	Production Rate (gpm)	
1	176	
Number of Existing Water Taps	Number of Planned Future Water Taps	
281	Not given	
Annual Water Usage (gallons)	Peak Day Summer Usage (gallons)	Peak Day Winter Usage (gallons)
35,000,000	192,903	63,935
Operating Pressure (psi)	Optimum Operating Pressure (psi)	
60	60	

FIGURE 164 FOX PARK SUBDIVISION PUMP STATION



FIGURE 165 FOX PARK SUBDIVISION PUMP STATION

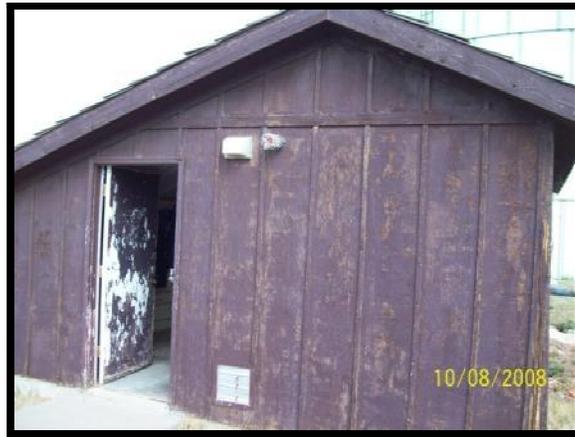


FIGURE 166 FOX PARK SUBDIVISION TANK



FIGURE 167 FOX PARK SUBDIVISION WELL

There are existing Gillette distribution waterlines near Fox Park Subdivision system. The system may be connected to this City distribution waterline by a direct connection (see Mapbook “Direct Connect Systems” – Sheet 9). However, no improvements have been developed for Fox Park Subdivision since the connection will be made by the City in the near future. The interim class of service has been defined as Class C because in the near-term Fox Park Subdivision can use its own water supply. The future class of service has been defined as Class G because Fox Park Subdivision will function as consecutive system.

WESTRIDGE WATER USERS ASSOCIATION

This system is located in the southwest portion of the City. It is inside of the city limits of Gillette and has been recently annexed. Westridge Water Users Association has individual water meters for its customers and disinfects their water using sodium hypochlorite. They have SDWA reports available for water quality data that has been collected.

The returned inventory form provided the following information about Westridge Water Users Association. All of the taps on this system are for residential use and a homeowners association governs it. This system is reported to have good reliability. The system provides fire protection for its users, although the storage capacity of their tanks restricts the volume of water that can be provided during a fire. They have not conducted any recent water studies and there is not backup power for the system. Fees collected from the water users do not include costs for roads or other fees. The current rate for water on this system is \$1.10 per 1000 gal, with a minimum fee of \$20 per month.

Interest from the Westridge Water Users Association to connect to the Regional System is unknown. The existing pump station provides service pressure from the storage tank to the distribution system. Table 95 presents the existing water system summary for Westridge Water Users Association. Figures 168 through 174 are photos of the existing pump station, tanks, and wells.

**TABLE 95 WESTRIDGE WATER USERS ASSOCIATION
EXISTING SYSTEM SUMMARY**

Tank	Volume (gallons)	
1	42,000	
2	42,000	
3	10,000	
Well	Production Rate (gpm)	
1	105	
2	25	
Number of Existing Water Taps	Number of Planned Future Water Taps	
68	0	
Annual Water Usage (gallons)	Peak Day Summer Usage (gallons)	Peak Day Winter Usage (gallons)
Not given	Not given	Not given
Operating Pressure (psi)	Optimum Operating Pressure (psi)	
Not Given	Not Given	

FIGURE 168 WESTRIDGE WATER USERS ASSOCIATION PUMP STATION



FIGURE 169 WESTRIDGE WATER USERS ASSOCIATION PUMP STATION



FIGURE 170 WESTRIDGE WATER USERS ASSOCIATION TANK #1



FIGURE 171 WESTRIDGE WATER USERS ASSOCIATION TANK #2



FIGURE 172 WESTRIDGE WATER USERS ASSOCIATION TANK #3



FIGURE 173 WESTRIDGE WATER USERS ASSOCIATION WELL #1



FIGURE 174 WESTRIDGE WATER USERS ASSOCIATION WELL #2

There is an existing closed connection to the City distribution waterlines to the Westridge Water Users Association system (see Mapbook “Direct Connect Systems” – Sheet 10). Therefore, no improvements have been developed for Westridge Water Users Association since the connection already has been made by the City and may be opened at any time. The interim class of service has been defined as Class C because in the near-term Westridge Water Users Association can use its own water supply. The future class of service has been defined as Class G because Westridge Water Users Association will likely become a consecutive system.

HERITAGE VILLAGE WATER AND SEWER DISTRICT

This system is located in the northeast portion of the City. It is inside of the city limits of Gillette and has been recently annexed. Heritage Village Water and Sewer District does not have individual water meters for its customers but will need them installed before integration into the City’s water system. They disinfect their water using sodium hypochlorite. They have SDWA reports available for water quality data that has been collected.

The returned inventory form provided the following information about Heritage Village Water and Sewer District. All of the taps on this system are for residential use and a water and sewer district governs it. This system is reported to have good reliability and is 35 years old. The system provides fire protection for its users. They have not conducted any recent water studies and there is not backup power for the system. The current assessment for water on this system is \$35.00 per month.

Interest from the Heritage Village Water and Sewer District to connect to the Regional System is unknown. The existing pump station provides service pressure from the storage tank to the distribution system. Table 96 presents the existing water system summary for Heritage Village Water and Sewer District. Figures 175 through 179 are photos of the existing pump station, tank, and wells.

TABLE 96 HERITAGE VILLAGE WATER AND SEWER DISTRICT EXISTING SYSTEM SUMMARY

Tank	Volume (gallons)	
1	200,000	
Well	Production Rate (gpm)	
1	125	
2	80	
3	165	
Number of Existing Water Taps	Number of Planned Future Water Taps	
232	0	
Annual Water Usage (gallons)	Peak Day Summer Usage (gallons)	Peak Day Winter Usage (gallons)
31,487,500	292,000	91,100
Operating Pressure (psi)	Optimum Operating Pressure (psi)	
48-88	Not Given	

FIGURE 175 HERITAGE VILLAGE WATER AND SEWER DISTRICT PUMP STATION



FIGURE 176 HERITAGE VILLAGE WATER AND SEWER DISTRICT TANK



FIGURE 177 HERITAGE VILLAGE WATER AND SEWER DISTRICT WELL #1



FIGURE 178 HERITAGE VILLAGE WATER AND SEWER DISTRICT WELL #2**FIGURE 179 HERITAGE VILLAGE WATER AND SEWER DISTRICT WELL #3**

There is an existing closed connection to the City distribution waterlines to the Heritage Village Water and Sewer District system (see Mapbook “Direct Connect Systems” – Sheet 12).

Therefore, no improvements have been developed for Heritage Village Water and Sewer District since the connection already has been made by the City and may be opened at any time. The interim class of service has been defined as Class C because in the near-term Heritage Village Water and Sewer District can use its own water supply. The future class of service has been defined as Class G because Heritage Village Water and Sewer District will likely become a consecutive system. Individual water meters at each service connection are required for Class G service.

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