

**AWU DWPZ Project Summary per AWU Financial Policy No. 8:**

The following summary table of FY2015-FY2019 Capital Improvement Program (CIP) projects for new water and wastewater treatment plants, capital expansions, and growth-related projects that are located in the Drinking Water Protection Zone (DWPZ) are categorized below by project phase (e.g. Planning, Design, and Construction):

ID	Project Name	FY15	FY16	FY17	FY18	FY19	Future FYs	Total CIP Plan Spending	
<b>Projects in Planning Phase</b>									
6935.036*	Water – Riverplace Glenlake Interconnect	\$0	\$20,000	\$280,000	\$0	\$0	\$0	\$300,000	
6935.037*	Water - Highland Park Improvements	\$20,000	\$405,000	\$1,020,000	\$1,020,000	\$510,000	\$0	\$2,975,000	
6935.042*	Water - Loop 360 Westlake to Waymaker	\$20,000	\$800,000	\$500,000	\$300,000	\$0	\$0	\$1,620,000	
5335.003	Water – Ullrich WTP Contract II Raw Water Pipeline Construction	\$0	\$0	\$0	\$0	\$50,000	\$4,000,000	\$4,050,000	
3168.058*	Wastewater – Northwest Lift Station LRP Engineering Study	\$126,000	\$126,000	\$0	\$0	\$0	\$0	\$252,000	
4954.006*	Wastewater - Thousand Oaks Interceptor	\$0	\$20,000	\$131,600	\$1,316,000	\$2,789,600	\$9,054,400	\$13,311,600	
<b>Planning Total</b>		<b>\$ 166,000</b>	<b>\$1,371,000</b>	<b>\$1,931,600</b>	<b>\$2,636,000</b>	<b>\$3,349,600</b>	<b>\$13,054,400</b>	<b>\$22,508,600</b>	
<b>FY15-19 Total</b>		<b>\$9,454,200</b>							
<b>Projects in Construction Phase via Council Approval</b>									
6683.002	Water - Water Treatment Plant No. 4	\$3,246,366	\$0	\$0	\$0	\$0	\$0	\$3,246,366	
6683.009	Water - WTP #4- Environmental Commissioning	\$60,000	\$0	\$0	\$0	\$0	\$0	\$60,000	
6683.019	Water - WTP4 CMAR	\$6,863,861	\$0	\$0	\$0	\$0	\$0	\$6,863,861	
6935.016	Water - Jollyville Transmission Main	\$5,324,393	\$0	\$0	\$0	\$0	\$0	\$5,324,393	
3353.079	Water - Ridgeview Subdivision	\$0	\$0	\$0	\$165,000	\$0	\$0	\$165,000	
5038.001	Water - NWC Pump Station	\$673,000	\$4,000	\$0	\$0	\$0	\$0	\$ 677,000	
<b>Construction Total</b>		<b>\$16,167,620</b>	<b>\$4,000</b>	<b>\$0</b>	<b>\$165,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$16,336,620</b>	
<b>FY15-19 Total</b>		<b>\$16,336,620</b>							
<b>Grand Total</b>		<b>\$16,333,620</b>	<b>\$1,375,000</b>	<b>\$1,931,600</b>	<b>\$2,801,000</b>	<b>\$3,349,600</b>	<b>\$13,054,400</b>	<b>\$38,845,220</b>	
<b>FY15-10 Total</b>		<b>\$25,790,820</b>							
<p>* This CIP project is located in the Drinking Water Protection Zone (DWPZ), and is a capital expansion for existing and/or agreed upon future customers. This project is not considered a growth-related project as it is not necessitated by or attributable to growth. Additional capacity may be provided by this project as noted below:</p> <ul style="list-style-type: none"> <li>It is inherent to the project, adding infrastructure per design standards for existing customers for reliability and/or to allow maintenance of facilities adds capacity to the system</li> </ul>									

- The existing system does not have adequate capacity to safely serve existing and/or agreed upon future customers so non-growth additional capacity is needed

**AWU DWPZ Project Detail per AWU Financial Policy No. 8:**

The following list of FY2015-FY2019 Capital Improvement Program (CIP) projects for new water and wastewater treatment plants, capital expansions, and growth-related projects that are located in the Drinking Water Protection Zone (DWPZ) are categorized below by Project Status (e.g. Planning, Design, and Construction):

**Projects in Planning Phase:**

Water Distribution System Improvements (2 “Planning” Projects):

1. 6935.036 – Riverplace Glenlake Interconnect

- Description: The recently purchased water system from LCRA for the Glenlake subdivision has a single-feed from Riverplace. This project would increase reliability for the system and bring the system more in line with the AWU criteria manual.
- This project is not considered a growth-related project as it is not necessitated by or attributable to growth. Additional capacity may be provided by this project as noted below:
  - It is inherent to the project, adding infrastructure per design standards for existing customers for reliability and/or to allow maintenance of facilities adds capacity to the system.
  - The existing system does not have adequate capacity to safely serve existing and/or agreed upon future customers so non-growth additional capacity is needed.
- Spending Plan:

FY15	FY16	FY17	FY18	FY19	Future	Total
\$0	\$20,000	\$280,000	\$0	\$0	\$0	\$300,000

## 2. 6935.037 - Highland Park Improvements

- Description: Highland Park reservoir and pump station have reached the end of their useful life and are undersized for the area. The area (approximately 2,300 accounts) is currently supplied with a single 12" line with no looping. Project is to construct a secondary supply to the area.
- This project is not considered a growth-related project as it is not necessitated by or attributable to growth. Additional capacity may be provided by this project as noted below:
  - It is inherent to the project, adding infrastructure per design standards for existing customers for reliability and/or to allow maintenance of facilities adds capacity to the system.
  - The existing system does not have adequate capacity to safely serve existing and/or agreed upon future customers so non-growth additional capacity is needed.
- Spending Plan:

FY15	FY16	FY17	FY18	FY19	Future	Total
\$20,000	\$405,000	\$1,020,000	\$1,020,000	\$510,000	\$0	\$2,975,000

## 3. 6935.042 - Loop 360 Westlake to Waymaker

- Description: Install 24" line in Loop 360 from Westlake Dr. to Waymaker Way. This would allow the pumping division to take the Davenport PS and Reservoir offline temporarily for maintenance.
- This project is not considered a growth-related project as it is not necessitated by or attributable to growth. Additional capacity may be provided by this project as noted below:
  - It is inherent to the project, adding infrastructure per design standards for existing customers for reliability and/or to allow maintenance of facilities adds capacity to the system.
- Spending Plan:

FY15	FY16	FY17	FY18	FY19	Future	Total
\$20,000	\$800,000	\$500,000	\$300,000	\$0	\$0	\$1,620,000

4. 5335.003 – Ullrich WTP Contract II Raw Water Pipeline Construction

- Description: Install 72” raw water line from raw water pump station to plant to provide redundancy and additional hydraulic capacity to relieve process bottlenecks.
- This project is not considered a growth-related project as it is not necessitated by or attributable to growth. Additional capacity may be provided by this project as noted below:
  - It is inherent to the project, adding infrastructure per design standards for existing customers for reliability and/or to allow maintenance of facilities adds capacity to the system

• Spending Plan:

FY15	FY16	FY17	FY18	FY19	Future	Total
\$0	\$0	\$0	\$0	\$50,000	\$4,000,000	\$4,050,000

Wastewater Collection System Improvements (1 “Planning” Project):

5. 3168.058 - Northwest Lift Station LRP Engineering Study

- Description: This project will fund an engineering study of the Northwest Lift Stations including Four Points #1, Four Points #2, and Rock Harbour. This series of lift stations all experience O&M issues and a full study is needed to evaluate options.
- This project is not considered a growth-related project as it is not necessitated by or attributable to growth. Additional capacity may be provided by this project as noted below:
  - It is inherent to the project, adding infrastructure per design standards for existing customers for reliability and/or to allow maintenance of facilities adds capacity to the system.
  - The existing system does not have adequate capacity to safely serve existing and/or agreed upon future customers so non-growth additional capacity is needed.

• Spending Plan:

FY15	FY16	FY17	FY18	FY19	Future	Total
\$126,000	\$126,000	\$0	\$0	\$0	\$0	\$252,000

6. 4954.006 - Thousand Oaks Interceptor

- Description: The Thousand Oaks Interceptor Project consists of a planned gravity interceptor that would relieve the Bee Cave and Treemont Lift Stations and replace the Skunk Hollow Interceptor that is currently at capacity.
- This project is not considered a growth-related project as it is not necessitated by or attributable to growth. Additional capacity may be provided by this project as noted below:
  - It is inherent to the project, adding infrastructure per design standards for existing customers for reliability and/or to allow maintenance of facilities adds capacity to the system.
  - The existing system does not have adequate capacity to safely serve existing and/or agreed upon future customers so non-growth additional capacity is needed.
- Spending Plan:

FY15	FY16	FY17	FY18	FY19	Future	Total
\$0	\$20,000	\$131,600	\$1,316,000	\$2,789,600	\$9,054,400	\$13,311,600

**Projects in Construction Phase via Council Approval:**

Water Treatment Plant No. 4 (WTP4) and Transmission Main (4 "Active" Projects):

7. 6683.002 - Water Treatment Plant No. 4

- Description: This project is for design and construction phase services (Professional Services Contracts) for the 50 Million Gallon per Day (MGD) water treatment facility (WTP4) on the Bullick Hollow Site and the raw water system and pump station.
- Spending Plan:

FY15	FY16	FY17	FY18	FY19	Future	Total
\$3,246,366	\$0	\$0	\$0	\$0	\$0	\$3,246,366

8. 6683.002 - WTP #4-Environmental Commissioning

- Description: Consultant
- Spending Plan:

FY15	FY16	FY17	FY18	FY19	Future	Total
\$60,000	\$0	\$0	\$0	\$0	\$0	\$60,000

9. 6683.019 - WTP4 CMAR

- Description: Provide for negotiation, execution, and construction of Guaranteed Maximum Price construction contracts in accordance with CMAR Contract for construction of Water Treatment Plant No. 4. Includes Project Advisor Contract.
- Spending Plan:

FY15	FY16	FY17	FY18	FY19	Future	Total
\$6,863,861	\$0	\$0	\$0	\$0	\$0	\$6,863,861

10. 6935.016 - Jollyville Transmission Main

- Description: Jollyville/NWA Transmission Main- 36,000LF of 84-inch from WTP4 to Jollyville Res.
- Spending Plan:

FY15	FY16	FY17	FY18	FY19	Future	Total
\$5,324,393	\$0	\$0	\$0	\$0	\$0	\$5,324,393

Water Service Extension Requests (SERs) (1 “Active” Project):

11. 3353.079 - Ridgeview Subdivision

- Description: 3,000 feet of 12-inch water line along U.S. Highway 290 West. Council approved (2/1/07) cost participation of \$165,082 for 3,000 feet of oversized 12-inch water line (33% is 4-inches of oversize from an 8-inch) required under SER 2523.
- Spending Plan:

FY15	FY16	FY17	FY18	FY19	Future	Total
\$0	\$0	\$0	\$165,000	\$0	\$0	\$165,000

NWC Pump Station and Transmission Main (1 “Active” Project):

12. 5038.001 - NWC Pump Station

- Description: Construct a pump station, 1.5 million gallon potable water tower, approximately 700 Lf of 36 inch diameter and 300 Lf of 42 inch diameter water pipe, and storm water detention pond.
- Spending Plan:

FY15	FY16	FY17	FY18	FY19	Future	Total
\$673,000	\$4,000	\$0	\$0	\$0	\$0	\$ 677,000