

The City of Houston Seal is a circular emblem. The outer ring contains the text "CITY OF HOUSTON" at the top and "TEXAS" at the bottom, both in a serif font. The inner circle features a five-pointed star at the top, a steam locomotive with two smokestacks in the center, and a large shovel at the bottom. The entire seal is rendered in a light gray color.

WATER UTILITY SYSTEM FACILITIES

Water Utility System

The Water Utility System delivers treated surface and ground water to customers through a series of storage tanks, pump stations, transmission and distribution mains. This potable water is sold to domestic, commercial, industrial, governmental, and other customers in the Houston metropolitan area. In addition, untreated surface water is delivered for sale to governmental, industrial and agricultural customers. The System provides water to the residents of Houston as well as municipalities, municipal utility districts, and water authorities outside the City limits. The service population is approximately 4 million.

The System relies on 86% Surface Water and 14% Groundwater sources. Surface water is sourced from Lake Conroe and Lake Houston in the San Jacinto River System and Lake Livingston in the Trinity River System. In aggregate, these supplies are sufficient to meet the City's expected water demands beyond the year 2060. However, additional water supply strategies have been developed to meet the long-term needs. In addition, the System continues to shift its supply source from groundwater to surface water in accordance with state mandates.

The Capital Improvement Plan (CIP) provides an estimate of delivery by fiscal year for the next five years. The FY2026-2030 CIP includes approximately \$1.7 billion of Water Utility System improvements financed by a combination of pay-as-you-go, revenue bonds and proposed contributed capital.

Highlights of the Fiscal Year 2026-2030 CIP:

- Continue work to replace East Water Purification Plants 1 and 2.
- Continue to construct surface water transmission lines to access and deliver expanded treated surface water supplies for Houston and surrounding water authorities
- Continue funding for replacement of neighborhood water mains to improve fire protection, water quality, system reliability and assure compliance with Texas Commission on Environmental Quality (TCEQ) regulations

- Install chloramination chemical systems at 30 groundwater pump stations
- Rehabilitate wells, ground storage tanks and pump stations as part of long-range asset management

Project Allocation	Fiscal Year Planned Appropriations					2026-2030
	2026	2027	2028	2029	2030	
Planning						
Acquisition-Land	2,550	1,782				4,332
Design	283,630	18,000	93,600	74,100	87,600	556,930
Construction	401,486	454,200	636,468	533,486	1,084,537	3,110,177
Equipment Acquisition	5,500	5,500	5,500	5,500	5,500	27,500
Salary Recovery						
Other	198,445	78,950	119,450	52,950	122,950	572,745
Total Allocation	891,611	558,432	855,018	666,036	1,300,587	4,271,684
Source of Funds						
4042 - DDSRF CAPITAL FUND-DRAINAGE CHARGE						
5410 - State - PWE State Grant Funded - DDSR						
5430 - Federal State Local - HPW Pass thru DDSR						
8500 - HPW-W&S Syst Consolidated Constr Fd	836,070	492,045	855,018	666,036	1,300,587	4,149,757
8509 - HPW-SETL Capital Contribution	51,035	51,699				102,734
8510 - HPW-SETL Construction Fund	4,506	14,688				19,194
Total Funds	891,611	558,432	855,018	666,036	1,300,587	4,271,684

WATER UTILITY SYSTEM FACILITIES - Summary of Funds
2026-2030 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project		Fiscal Year Planned Appropriations					2026-2030
			2026	2027	2028	2029	2030	
S-000012	Southeast Water Purification Plant							
	8500 - HPW-W&S Syst Consolidated Constr Fd		21,621	17,440	50,000			89,061
	Project Total		21,621	17,440	50,000			89,061
S-000019	Emergency Needs for Water Utility							
	8500 - HPW-W&S Syst Consolidated Constr Fd		550	550	550	550	550	2,750
	Project Total		550	550	550	550	550	2,750
S-000020	Miscellaneous Water Needs							
	8500 - HPW-W&S Syst Consolidated Constr Fd		5,337	337	337	45,337	337	51,687
	Project Total		5,337	337	337	45,337	337	51,687
S-000035	Neighborhood Water Main Replacement							
	8500 - HPW-W&S Syst Consolidated Constr Fd		40,000	29,500	141,345	54,500	54,500	319,845
	Project Total		40,000	29,500	141,345	54,500	54,500	319,845
S-000056	East Water Purification Plant							
	8500 - HPW-W&S Syst Consolidated Constr Fd		347,030	113,800	265,000	350,000	1,000,000	2,075,830
	Project Total		347,030	113,800	265,000	350,000	1,000,000	2,075,830
S-000065	NE Water Purification Plant Expansion							
	8500 - HPW-W&S Syst Consolidated Constr Fd			55,000				55,000
	Project Total			55,000				55,000
S-000068	Coastal Water Authority (CWA) Projects							
	8500 - HPW-W&S Syst Consolidated Constr Fd		51,417					51,417
	Project Total		51,417					51,417
S-000100	New / Replacement Ground Water Wells							
	8500 - HPW-W&S Syst Consolidated Constr Fd		13,532	10,000	10,000	10,000	10,000	53,532
	Project Total		13,532	10,000	10,000	10,000	10,000	53,532

**WATER UTILITY SYSTEM FACILITIES - Summary of Funds
2026-2030 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project							2026-2030	
			2026	2027	2028	2029	2030		
S-00019A	Real Estate Annual Appropriation								
	8500 - HPW-W&S Syst Consolidated Constr Fd		550					550	
	Project Total		550					550	
S-000200	Water Well Renewal Program								
	8500 - HPW-W&S Syst Consolidated Constr Fd		5,000	5,000	5,000	5,000	5,000	25,000	
	Project Total		5,000	5,000	5,000	5,000	5,000	25,000	
S-000500	Water Improvements Under M/N								
	8500 - HPW-W&S Syst Consolidated Constr Fd		35,877	19,521	13,274	4,238		72,909	
	Project Total		35,877	19,521	13,274	4,238		72,909	
S-000521	Water Main Replacement by Other Govt								
	8500 - HPW-W&S Syst Consolidated Constr Fd		1,400	1,400	1,400	1,400	1,400	7,000	
	Project Total		1,400	1,400	1,400	1,400	1,400	7,000	
S-000600	Water Storage Tank Rehabilitation								
	8500 - HPW-W&S Syst Consolidated Constr Fd		8,000	8,000	8,000	8,000	8,000	40,000	
	Project Total		8,000	8,000	8,000	8,000	8,000	40,000	
S-000700	Water Main Grid Extensions Program								
	8500 - HPW-W&S Syst Consolidated Constr Fd		10,000	32,500	32,500	16,000	14,500	105,500	
	Project Total		10,000	32,500	32,500	16,000	14,500	105,500	
S-000701	Lg Diameter Water Line Rehab								
	8500 - HPW-W&S Syst Consolidated Constr Fd		17,787	30,344	57,650	7,000	7,000	119,781	
	Project Total		17,787	30,344	57,650	7,000	7,000	119,781	
S-000800	Sponsor Participation-Water Mains Prog.								
	8500 - HPW-W&S Syst Consolidated Constr Fd		2,000	2,000	2,000	2,000	2,000	10,000	
	Project Total		2,000	2,000	2,000	2,000	2,000	10,000	

**WATER UTILITY SYSTEM FACILITIES - Summary of Funds
2026-2030 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project							2026-2030	
			2026	2027	2028	2029	2030		
S-000890	Lake Houston Dam Projects								
	4042 - DDSRF CAPITAL FUND-DRAINAGE CHAR		10,699					10,699	
	5410 - State - PWE State Grant Funded - DDSR		85,000					85,000	
	5430 - Federal State Local - HPW Pass thru DDSR		32,097					32,097	
	Project Total		127,796					127,796	
S-000895	Trinity River Authority								
	8500 - HPW-W&S Syst Consolidated Constr Fd		12,078					12,078	
	Project Total		12,078					12,078	
S-000900	Surface Water Transmission Program								
	8500 - HPW-W&S Syst Consolidated Constr Fd		158,671	51,552	2,503	109,711	90,000	412,438	
	8509 - HPW-SETL Capital Contribution		51,035	51,699				102,734	
	8510 - HPW-SETL Construction Fund		4,506	14,688				19,194	
	Project Total		214,212	117,939	2,503	109,711	90,000	534,365	
S-000901	Condition Assessment and Rehabilitation								
	8500 - HPW-W&S Syst Consolidated Constr Fd		11,675	5,500	5,500	15,500	5,500	43,675	
	Project Total		11,675	5,500	5,500	15,500	5,500	43,675	
S-000902	Raw Water Transmission Lines								
	8500 - HPW-W&S Syst Consolidated Constr Fd		50,000	75,000	75,000	30,000	95,000	325,000	
	Project Total		50,000	75,000	75,000	30,000	95,000	325,000	
S-000958	Meter Replacement & Upgrade Program								
	8500 - HPW-W&S Syst Consolidated Constr Fd		5,500	5,500	5,500	5,500	5,500	27,500	
	Project Total		5,500	5,500	5,500	5,500	5,500	27,500	
S-001000	Pump Station Program								
	8500 - HPW-W&S Syst Consolidated Constr Fd		36,745	27,800	178,159			242,704	
	Project Total		36,745	27,800	178,159			242,704	

WATER UTILITY SYSTEM FACILITIES - Summary of Funds
2026-2030 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2026-2030	
			2026	2027	2028	2029	2030		
S-002015	Water Substitute Service Program								
	8500 - HPW-W&S Syst Consolidated Constr Fd		300	300	300	300	300	1,500	
	Project Total		300	300	300	300	300	1,500	
S-900001	Upgrades to CUS-Owned Support Facilities								
	8500 - HPW-W&S Syst Consolidated Constr Fd		1,000	1,000	1,000	1,000	1,000	5,000	
	Project Total		1,000	1,000	1,000	1,000	1,000	5,000	
S-NA0000	Funding Offset								
	4042 - DDSRF CAPITAL FUND-DRAINAGE CHAR			-10,699				-10,699	
	5410 - State - PWE State Grant Funded - DDSR			-85,000				-85,000	
	5430 - Federal State Local - HPW Pass thru DDSR			-32,097				-32,097	
	Project Total			-127,796				-127,796	
	Total Appropriations:		891,611	558,432	855,018	666,036	1,300,587	4,271,684	



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