

**Series 2019**  
**Utility Systems Revenue Bond Sale**  
**Project List**  
**For January 1, 2019 to December 31, 2019**

\* = Project is contractually obligated

<b>Project Number</b>	<b>* Project Name</b>	<b>Project Activity</b>
<b>Electric</b>		
CP0666	Broadway Road Improvements:Center St to Stapley	Design
CP0458	* Electric Distribution Overhead	Design, Construction
CP0459	* Electric Distribution Underground	Design, Construction
CP0082	* Electric Generation (including Solar)	Design, Construction
CP0534	* Electric New Services	Design, Construction
CP0461	* Electric Substation Improvements	Design, Construction
CP0460	Electric Transmission	Design, Construction
CP0562	* Gilbert Road Light Rail Extention - Concurrent Non-Project Activity	Construction
CP0366	* Horne Utility Improvements	Design, Construction
C01400	* Mesa Drive Phase II	Design, Construction
CP0279	* Right of Way Improvements/1st Avenue (Phase 1)	Design, Construction
CP0522	* Substation to Park Conversion	Design, Construction
CP0919	* ASU - MCP New Service Delivery & System Improvements	Design, Construction
CP0900	* AMI Metering	Design, Construction
CP0901	* Electric System Improvements	Design, Construction
CP0883	* Downtown Electric Improvements	Design, Construction
CP0081	* Smart Grid/Solar	Design

Cash Balance as of 12/31/18	\$ 352,498
<b>Total Series 2019 Electric Bonds</b>	<b>\$ 5,015,000</b>
2019 Project Spending Estimate	\$ 5,367,498
Bond Authorization Prior to Series 2019 Sale	\$ 21,490,000
Remaining Bond Authorization After Series 2019 Sale	\$ 16,475,000

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<b>Natural Gas</b>		
CP0439	* Arterial Reconstructions (Main to Broadway)	Design, Construction
CP0666	Broadway Road Improvements:Center St to Stapley	Design
C10387	Center and University Brown Gas Line Replacement	Design, Construction
CP0224	* Cooper Road Main Replacement 4-inch Polyethylene	Design
CP0074	* Crismon Rd. Intermediate Pressure Cross-Tie; Grandview St. to Jensen St.	Design, Construction
C10376	District Regulator Station Skyline & Circle Cross Ranch	Design, Construction
CP0223	* Gas Main Replacement - Combs and Meridian	Design, Construction
CP0711	* Gas Meters-New and Replacement	Design, Construction
CP0481	* Gas System - New Mains	Design, Construction
CP0480	* Gas System - New Services	Design, Construction
CP0483	* Gas System Aging Infrastructure Replacement	Construction
CP0442	* High Pressure Gas Main Installation	Construction
CP0366	* Horne Road Improvements	Design, Construction
CP0482	* Magma System Gas Main Replacements	Construction
CP0076	* McDowell and Greenfield Regulator Station	Design, Construction
CP0072	* McDowell-80th St to Hawes - 4-inch Polyethylene	Design
CP0394	Meridan and Queen Creek GRS97 Redesign	Design, Construction
C01400	* Mesa Drive Phase II	Design, Construction
CP0077	* Power Road and Brown Road Cross-Tie	Design, Construction
CP0073	* Power Rd and Elliot Rd Regulator Station	Design, Construction
CP0033	* Pueblo Avenue: Longmore to Alma School	Design, Construction
CP0075	Regulator Station, Hawes: McKellips Road to Hermosa Vista 4-inch High Pressure Steel	Design
C10388	* Regulator Station Security	Design, Construction
CP0279	* Right of Way Improvements/1st Avenue	Design
C01886	* Supervisory Control & Data Acquisition System-Gas Distribution	Design, Construction
CP0800	* Southern Avenue and Stapley Arterial Road Improvements	Design
CP0700	* Southern-Greenfield to Higley Arterial Roadway Improvements	Design

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C10380	* Utility Line Replacement QS13C	Design, Construction
CP0105	* Val Vista: Baseline to US60	Design, Construction
C05007	* Warner Road Lift Station Improvements	Design, Construction
CP0900	* AMI Metering	Design, Construction
CP0887	* Guard Post Installation Program	Design, Construction
CP0181	* Higley Rd Regulator Station	Design, Construction
CP0875	* SRP Lehi Project Service Line Relocation	Design, Construction
CP0220	* University; Alma School to Country Club	Design
C10585	* Utility Line Replacement QS14A & C	Design

Cash Balance as of 12/31/18	\$ (343,038)
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<b>Total Series 2019 Natural Gas Bonds</b>	<b>\$ 8,025,000</b>
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2019 Project Spending Estimate	\$ 7,681,962
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Bond Authorization Prior to Series 2019 Sale	\$ 56,470,000
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Remaining Bond Authorization After Series 2019 Sale	\$ 48,445,000
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Project Number	* Project Name	Project Activity
<b>Water</b>		
CP0821	Aging Water Main Repairs-In-House Breaks	Design, Construction
CP0439	* Arterial Reconstructions	Construction
CP0569	* Brooks Pump Station Chlorination Piping Upgrades	Design, Construction
CP0034	* Brown Road WTP Plant Surge Improvements	Construction
CP0635	* Brown Rd WTP Misc Improvements	Design, Construction
C01645	* Central Arizona Project Turnout Structure	Construction
C10474	* City Well #7 - Re-drill	Construction
CP0031	* City Well #8 - Re-drill	Design, Construction
CP0020	* City Well 10 Collection Pipeline	Design, Construction
C05032	* Desert Well 19	Design, Construction
C05033	* Desert Well 20 Drill and Equip	Design, Construction
C04048	* Desert Wells Zone - Exploratory Boring	Land Acquisition
CP0054	* Elliot Road: Hawes to Sossaman Road: 30-inch Falcon Field Waterline	Construction
CP0571	* Elliot Road Tech Corridor Visioning Project	Construction
C01400	* Mesa Drive Phase II	Design, Construction
CP0814	* Pipeline Inspection Support Services 2018	Design, Construction
C10391	* Pressure Reducing Valve Station Replacements Citywide	Design, Construction
CP0640	* Pump Station Rehabilitation	Design, Construction
CP0641	* Reservoirs Rehabilitation	Construction
CP0279	* Right-of-Way Improvements/1st Ave	Construction
CP0121	* Signal Butte and Elliot Park Development	Design, Construction
C01600	* Signal Butte Water Treatment Plant	Construction
CP0639	* New Pump Stations 2014	Construction
CP0800	* Southern & Stapley: 12" waterline from 10th to 8th Ave - Joint with Transportation	Design, Construction
C10392	* Transfer Station 3 Improvements	Construction
CP0645	Transmission Mains - Southeast Mesa	Construction
CN0010	* Val Vista Water Treatment Plant (Mesa's Share)	Payment

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<b>Project Number</b>	<b>* Project Name</b>	<b>Project Activity</b>
C05007	* Warner Lift Station Modifications	Construction
CN0064	* Water Extensions & Oversized Mains	Payment
CP0468	* Water Meter Vault Rehab	Design, Construction
CP0860	* Water Meter Vault Rehabilitation	Design, Construction
CP0875	SRP Lehi Project Service Line Relocation	Design, Construction
CP0876	Water Resources Hydrant and Valve Replacements	Construction
CP0868	Water Valve and Fire Hydrant Replacement Program	Design, Construction
CP0896	Reclaimed Water Line-NWWRP to SEWRP	Design
CP0900	Advanced Metering Infrastructure (AMI)	Purchase
CP0650	Water Services Extension & Replacement	Construction
CP0464	* Water System Aging Main Rehab and Repairs	Design, Construction
CP0822	* Water Transmission Main - Various Locations	Design, Construction
CP0366	* Waterline Replacement Horne from Marilyn Ave to Southern Ave	Design
CN0028	White Mountain Apache Water Settlement Water Rights	Payment

Cash Balance as of 12/31/18	\$	7,039,949
<b>Total Series 2019 Water Bonds \$ 32,090,000</b>		
2019 Project Spending Estimate	\$	39,129,949
Bond Authorization Prior to Series 2019 Sale	\$	80,070,402
Remaining Bond Authorization After Series 2019 Sale	\$	47,980,402

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Project Number	* Project Name	Project Activity
<b>Wastewater</b>		
CN0027	* 91st Ave Wastewater Treatment Plant Upgrade (Mesa's Share)	Payment
CP0856	Country Club and Main Improvements	Construction
C01687	* Diversion structure DS-1 Reconstruction - Baseline and Roosevelt Water Conservation District (RWCD) Canal	Construction
CP0598	Diversion Structure Rehab	Design, Construction
CP0043	* Eagle Crest Lift Station	Construction
CP0624	* Extensions To Unsewered Areas (Septic To Sewer)	Design, Construction
CN0015	* Greenfield Wastewater Reclamation Plant Expansion (Mesa's Share)	Payment
CN0036	* Greenfield Water Reclamation Plant Improvements (Mesa's Share)	Payment
CN0057	* Greenfield Water Reclamation Plant Rehabilitation and Equipment (Mesa Share)	Payment
CN0026	* Greenfield Water Reclamation Plant Sludge Line Replacement (Mesa's Share)	Payment
CN0014	* Headworks/Solids Building Duct Upgrades (Mesa's Share)	Payment
CP0600	* Manhole Rehabilitation	Design, Construction
C01400	* Mesa Drive Phase II	Design, Construction
CP0616	Metering Station Rehabilitation And Equipment Replacement	Purchases
CP0628	* Northwest Water Reclamation Plant Improvements & Equipment Replacement	Design, Construction, Purchase
CP0811	* Northwest Water Reclamation Plant Improvements & Equipment Replacement	Design, Construction
CP0627	* Northwest Water Reclamation Plant Major Plant Improvements	Design
C10478	* Northwest Water Reclamation Plant System Improvements	Construction
CP0621	* Odor Control Station Rehabilitation/Equipment Replacement	Design, Construction
CP0279	* Right-of-Way Improvements/1st Ave	Construction
CP0528	* Roosevelt Road Improvements (Broadway to 8th Ave)	Design, Construction
CP0622	* Sewer Line Condition Assessment And Rehabilitation	Design
CP0383	* Sewer Line Rehab/Repair/Replacement	Design, Construction
CP0623	* Sewer Line Rehabilitation	Design, Construction
CP0630	* Southeast Water Reclamation Plant Improvements & Equipment Replacement	Design, Construction, Purchase
CP0044	* Vanguard Lift Station/Sulfide Control Station Upgrade	Construction

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C05007	* Warner Lift Station Modifications	Design, Land Acquisition, Construction
CN0063	* Wastewater Oversize & Extensions-City Share	Payment

Cash Balance as of 12/31/18	\$ (2,217,386)
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<b>Total Series 2019 Wastewater Bonds</b>	<b>\$ 65,185,000</b>
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2019 Project Spending Estimate	\$ 62,967,614
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Bond Authorization Prior to Series 2019 Sale	\$ 135,247,788
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Remaining Bond Authorization After Series 2019 Sale	\$ 70,062,788
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Project Number	* Project Name	Project Activity
<b>Solid Waste</b>		
CP0588	Household Hazardous Waste Facility	Construction

Cash Balance as of 12/31/18	\$	(1,369,496)
<b>Total Series 2019 Solid Waste Bonds \$ 1,520,000</b>		
2019 Project Spending Estimate	\$	150,504
Bond Authorization Prior to Series 2019 Sale	\$	2,220,000
Remaining Bond Authorization After Series 2019 Sale	\$	700,000



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Series 2019 Utility Systems Revenue Bond Sale Summary	
Purpose	Amount
Electric	\$ 5,015,000
Natural Gas	\$ 8,025,000
Water	\$ 32,090,000
Wastewater	\$ 65,185,000
Solid Waste	\$ 1,520,000
Total	\$ 111,835,000