

LCU APPROVED MATERIALS LIST

POTABLE WATER

<u>Category</u>	<u>Item</u>	<u>Type</u>	<u>Manufacturer</u>	<u>Model Number</u>	<u>Special Features</u>	<u>Revised</u>
Potable Water	Piping	PVC	Diamond	C900		
			Westlake	C900		2022
			JM Eagle	C900		
			National Pipe	C900		
		DIP	American	Cement Lined		
			US Pipe	Cement Lined		
			McWayne	Cement Lined		
		Restrained DIP	American	Restrained Pipe- Flex Ring		
			US Pipe	Restrained Pipe- TR-Flex		
			McWayne	Restrained Pipe- TR-Flex		
		HDPE	Performance Pipe	DIPS DR11		
			JM Eagle	DIPS DR11		
			WL Plastics	DIPS DR11		
	Tracing Wire		Copperhead Ind.	10 gauge	Direct Bury and/or Directional Drill	2017
	Tracing Wire - Splice Kit		3M		Waterproof	2024
	Tapping Sleeves	Stainless Steel	Powerseal	Series 3490	Flanged outlet to be used for size on size.	
			JCM	Series 432		
			Triple Tap	Series MJSF		
			Smith Blair	Series 662		
	Joint Restraint Devices		EBBA Iron Inc.	Must meet AWWA Standards		
			Sigma	Must meet AWWA Standards		
			Star Pipe Products	Must meet AWWA Standards		2017
			Ford Uni-Flange	Must meet AWWA Standards		
	Bell Restraint Devices		EBBA Iron Inc.	Must meet AWWA Standards		
			Sigma	Must meet AWWA Standards		
			Star Pipe Products	Must meet AWWA Standards		
			ROMAC	Must meet AWWA Standards		
			Ford Uni-Flange	Must meet AWWA Standards		
	Casing Spacers		Powerseal			
			Cascade			
	Push-on Gaskets	DIP	US Pipe	Tyton	Single sealed gasket push on type joints	
			American	Fastite		
			McWayne	Tyton		

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Category	Item	Type	Manufacturer	Model Number	Special Features	Revised
Potable Water	Fittings		Tyler Union		Cement Lined	
			Sigma			
			Star Pipe Products			
	Fire Hydrants	Fire Hydrants	Kennedy	Must meet AWWA Standards		
			American Darling	Must meet AWWA Standards		
			Clow	Must meet AWWA Standards		
	Valves	Gate Valve, Resilient Wedge	Kennedy	Must meet AWWA Standards		
			American	Must meet AWWA Standards		
			Clow	Must meet AWWA Standards		
			Mueller	Must meet AWWA Standards		
	Transition Couplings	Couplings	Romac	Series 500		
			Romac	Alpha Restraint Coupling		2018
			Romac	Alpha Restrained Flanged Coupling		2018
			Krausz	Hymax		
			Powerseal	Powermax		
	Air Release Valves		ARI	Model D040		
			HTEC	Model 993 HaVent		
	Air Release Boxes		Channell	SPH 1420 - Blue		2024
			Hubbell	Pencell 1420 - Blue		2024
			WAGCO	WDS 1420 - Blue		2024
	Valve Boxes		Tyler Union	Model 461 or 562	HD Adjustable Screw type	2018
			Star Pipe Products	Model 461 or 562		2018
			Bingham & Taylor Corp	Model 461 or 562		2018
			ProSelect	Model 461 or 562		
			Sigma	Model 461 or 562		2018
	Meter Boxes		Hubbell	5/8"-1" - B001118501		2016
			Hubbell	1-1/2"-2" - B00173012M		2016
	Meter Box Cover/Lid		Hubbell	5/8"-1" - C00111802P__X	w/AMI Hole and EPDM rubber plug	2021
			Hubbell	1-1/2"-2" - C00173002P	w/AMI Hole and EPDM rubber plug	2021
	Dual Check Boxes		Hubbell	5/8"-1" - B001118501		2016
			Hubbell	1-1/2"-2" - B00173012M		2016
	Dual Check Box Covers/Lids		Hubbell	3/4"-1" - C00111802A		2016
			Hubbell	1-1/2"-2" - C00173002A		2016

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Potable Water	Service Saddles	Double Strap Saddles	Ford	Series 202		
			JMC	Series 402		
			Romac	Series 202 - HDPE Series 202NH		
			Powerseal	Series 3412		
	Poly Tubing	Water Services	ENDOT		Use for 3/4" - 2" Poly Tubing ONLY*	
			Charter		Use for 3/4" - 2" Poly Tubing ONLY*	
	Service Brass	Curbs, Corps, Couplings, etc.	Ford Meter Box		Lead Free (Pack Joint Nut Couplings)	
			A. Y. McDonald		Lead free	
	Backflow Preventers	<u>Lead-Free</u> Reduced Pressure Assemblies	Wilkins	975XL	LCU Lift Stations and Plants	2024
			Wilkins	950XL (D.C.)	LCU Lift Stations and Plants	2024
			Wilkins	375	LCU Plants	2024
			Wilkins	350 (D.C.)	LCU Plants	2024
			Apollo	Valve Series RPLF4A	LCU Lift Stations and Plants	2024
			Apollo	Valve Series RPLF4A-200	LCU Lift Stations and Plants	2024
			Apollo	Valve Series RPLF4ALF-200	LCU Lift Stations and Plants	2024
			Ames		Privately owned commercial and master metered multi-family services	2024
			Apollo by Conbraco			2024
			Febco			2024
			Wilkins			2024
			Watts			2024
		<u>Lead-Free</u> Residential Dual Checks	Ford Meter Box	HHC31-xxx-NL Style	5/8" - 2" Single Family & Duplex Water Services	2024
			A. Y. McDonald	Series: No-Lead 711-4JF -54	See Table 3.1 in Cross-Connection Control (CCC) Policy for Degree of Hazard	2024
		FIRE LINES	Ames		N-Shape and Elongated Detector Check Assemblies for dedicated fire lines	2024
		<u>Lead-Free</u> Double Check	Apollo by Conbraco			2024
		Detector Assemblies &	Febco			2024
		<u>Lead-Free</u> Reduced Pressure	Wilkins			2024
		Detector Assemblies	Watts			2024

LCU APPROVED MATERIALS LIST

WASTE-WATER

Category	Item	Type	Manufacturer	Model Number	Special Features	Revised	
Gravity	PIPE	PVC	Diamond	SDR26			
			Westlake	SDR26		2022	
			JM Eagle	SDR26			
			National Pipe	SDR26			
	Fittings	PVC Gravity	GPK				2024
			Harco				2022
			Multi Fittings Corp				2024
	Rings & Covers	Standard Manhole	US Foundry	240-B			
	Manholes/Wet Well	Joining Sealing Compound	Bidco				
			K.T. Snyder Company	Ram-Nek			
	Liner/Coating		IET				
			Raven				
			Gas Guard 1000				2020
	Service Laterals	Lateral-Main Connection Rigid	Insert-a-Tee				
			Kor-N-Tee				
Clean-outs		U. S. Foundry	USF 7630		8" and larger		
		U.S. Foundry	USF 7621		6" and smaller		
Force Main	PIPE	PVC	Diamond	C900			
			Westlake	C900		2022	
			JM Eagle	C900			
			National Pipe	C900			
	HDPE		Performance Pipe	DIPS DR11			
			JM Eagle	DIPS DR11			
			WL Plastics	DIPS DR11			
	Mechanical Joint Fittings	Ductile Iron	Tyler Union			Lined with P401 or Permox	
			Sigma				
			Star Pipe Products				
	Mechanical Type Seals		GPT	Link-Seal			
	Joint Restraint Devices		EBBA Iron Inc.	Must meet AWWA Standards			
			Sigma	Must meet AWWA Standards			
			Star Pipe Products	Must meet AWWA Standards			2017
			Ford Uni-Flange	Must meet AWWA Standards			

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Force Main	Bell Restraint Devices		EBBA Iron Inc.	Must meet AWWA Standards			
			Sigma	Must meet AWWA Standards			
			Star Pipe Products	Must meet AWWA Standards			
			ROMAC	Must meet AWWA Standards			
			Uni-Flange	Must meet AWWA Standards			
		Tracing Wire		Copperhead Ind.	10 gauge	Direct Bury and/or Directional Drill	2017
		Tracing Wire - Splice Kit		3M		Waterproof	2024
		Stainless Steel Ball Valves	Lift Station	FNW Valve Company	2 PC Full Port 1000 CWP	Standard Locking Lever (1/4" x 2")	
		Extended Bonnets		DeZurik	Figure 640		
		Plug Valves		DeZurik	PEF 100% Full Port		
				Kennedy	100% Full Port EPV		2020
				Clow	100% Full Port EPV		2020
				M&H	100% Full Port EPV		2020
		Gate Valves		Kennedy	Must meet AWWA Standards		
				American	Must meet AWWA Standards		
				Clow	Must meet AWWA Standards		
		Check Valves		Val-Matic Valve	Series 500	Swing Flex	
				Kennedy	Series K106	Lever & Weight	
		Air Release Valves	Force Main (only)	HTEC	Model 986 Epoxy		
			Lift Stations (only)	ARI	D-040		
	Air Release Boxes		Channell	SPH 1420 - Green		2024	
			Hubbell	Pencell 1420 - Green		2024	
			WAGCO	WDS 1420 - Green		2024	
	Couplings	Flange Adapter Couplings	Krausz	Hymax			
				EBBA Iron Inc	Series 2100		
				Ford Meter Box	Uni-Flange PVC Series 900 : DI Series 400		
				Romac	Series 400		
				Romac	Alpha Restraint Coupling		2018
				Romac	Alpha Restrained Flanged Coupling		2018
			Sleeve type Couplings	Dresser	Style 38	Lined with P401 or Permax	
				Smith Blair	Style 413		
				Krausz	Hymax		
				Romac	Series 500		
			Powerseal	Powermax			

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Force Main	Valve Boxes		Tyler Union	Model 461 or 562	HD Adjustable Screw type	2018	
			Star Pipe Products	Model 461 or 562		2018	
			Bingham & Taylor Corp	Model 461 or 562		2018	
			ProSelect	Model 461 or 562			
			Sigma	Model 461 or 562		2018	
		Stainless Tapping Sleeve		Powerseal	3490	Flanged outlet to be used for size on size.	2018
			JCM	Series 432	2018		
			Total Piping Solutions	MJ Triple Tap	2018		
		Stainless Service Tapping Saddle		Powerseal	3412AS	Flanged outlet to be used for size on size.	
			JCM	502			
			Romac	306			
			Ford	FS313			
		Casing Spacers		Powerseal	Series 4810		
				Cascade	Series CCS		
Pump Station	Submersible Pumps		Flygt Corporation				
			Sulzer/ABS Pumps				
	Level Controls		Anchor Scientific, Inc.	Rotofloats			
			Digital Control Corp.	Bubbler Type			
	Odor Control System		BioAir				
			Evoqua				
	Generator		Cummins-Onan				