



Approved Products List

City of Plant City Utilities Department		Potable Water	Reclaimed Water	Wastewater (Gravity)	Wastewater (Force Main and Lift Station)	Manufacturer	Part Name / Model Number	Notes	
Pipes	Ductile Iron Pipes	Mechanical Joint, Push-On Joint or Flanged Joint (Specify the pressure rating in the submittal)	Yes	Yes		Yes*	Clow Water Systems Company	*Ceramic Epoxy Lining is required for Wastewater Applications.	
			Yes	Yes		Yes*	American Cast Iron Pipe Co.	*Ceramic Epoxy Lining is required for Wastewater Applications.	
			Yes	Yes		Yes*	McWane Cast Iron Pipe Company	*Ceramic Epoxy Lining is required for Wastewater Applications.	
			Yes	Yes		Yes*	U.S. Pipe and Foundry Co.	*Ceramic Epoxy Lining is required for Wastewater Applications.	
	Thermoplastic Process Pipes	Polyvinyl Chloride Pipe (PVC) ASTM D1785		Yes		Yes	JM Eagle		For Plumbing and service connections
				Yes		Yes	Spears Manufacturing Company		For Plumbing and service connections
				Yes		Yes	Westlake / NAPCO		For Plumbing and service connections
				Yes		Yes	Diamond Plastics Corp.		For Plumbing and service connections
		Polyvinyl Chloride Pipe (PVC) AWWA C900 (Specify the pressure rating in the submittal)	Yes	Yes	Yes	Yes	JM Eagle		
			Yes	Yes	Yes	Yes	National Pipe and Plastic		
			Yes	Yes	Yes	Yes	Westlake / NAPCO		
			Yes	Yes	Yes	Yes	Diamond Plastics Corp.		
		Polyvinyl Chloride Pipe (PVC) AWWA C905 (Specify the pressure rating in the submittal)	Yes	Yes	Yes*	Yes	JM Eagle		* For Gravity Sewers, AWWA C905 pipe is required for pipe sizes greater than 14" in diameter.
			Yes	Yes	Yes*	Yes	Westlake / NAPCO		* For Gravity Sewers, AWWA C905 pipe is required for pipe sizes greater than 14" in diameter.
			Yes	Yes	Yes*	Yes	Diamond Plastics Corp.		* For Gravity Sewers, AWWA C905 pipe is required for pipe sizes greater than 14" in diameter.
		Polyvinyl Chloride Pipe (PVC) ASTM D 3034 (Specify the pressure rating in the submittal)			Yes		JM Eagle		For Gravity Sewers 4" - 12" in diameter.
					Yes		Spears Manufacturing Company		For Gravity Sewers 4" - 12" in diameter.
					Yes		Westlake / NAPCO		For Gravity Sewers 4" - 12" in diameter.
					Yes		Diamond Plastics Corp.		For Gravity Sewers 4" - 12" in diameter.
		Service Lines	Polyethylenen (PE) Tubing AWWA C901	Yes	Yes			Endopure or Equal	ASTM D2737 and PE-4710 Blue for Water and Purple for Reclaimed Water
High Density Polyethylene Pipes	HDPE PE4710 AWWA C901/C906	Yes	Yes		Yes	Performance Pipe	DriscoPlex® Pipe	Typically used for installations with Horizontal Directional Drilling. Use pipe with blue stripes for Potable Water applications and use pipe with purple stripes for Reclaimed Water applications.	
		Yes	Yes		Yes	JM Eagle			



Approved Products List

		City of Plant City Utilities Department	Potable Water	Reclaimed Water	Wastewater (Gravity)	Wastewater (Force Main and Lift Station)	Manufacturer	Part Name / Model Number	Notes
Valves and Accessories	Air-Release and Combination Air Valves (ARV)		Yes	Yes			VAL-MATIC	45	Air Release Valve
			Yes	Yes			GA Industries	920	Air Release Valve
			Yes	Yes			A.R.I. Flow Control	D-040	Combination Air Valve
						Yes	VAL-MATIC	48ASV-HC	Fusion bonded epoxy coated interior and exterior
						Yes	A.R.I. Flow Control	D-025	Combination Air Valve
	ARV Box	Above-Ground	Yes	Yes					Blue for Water and Purple for Reclaimed Water
	Gate Valve	4"-12" Resilient- Seated AWWA C509 or C515	Yes	Yes			American Flow Control	2500 Series	
			Yes	Yes			Clow	Series F-6100	
			Yes	Yes			Mueller	Series A-2360	
		16" and Above Resilient-Seated AWWA C515	Yes	Yes			American Flow Control	2500 Series	
			Yes	Yes			Clow	Series F-6100	
			Yes	Yes			Mueller	Series A-2361	
	Plug Valve	Eccentric				Yes	DeZurik	PEC & PEF	
						Yes	Val-Matic	5600 or 5700	
						Yes	Mueller / Milliken	Ballcentric	
						Yes	Mueller / Henry Pratt	Ballcentric	



Approved Products List

City of Plant City Utilities Department		Potable Water	Reclaimed Water	Wastewater (Gravity)	Wastewater (Force Main and Lift Station)	Manufacturer	Part Name / Model Number	Notes	
Valves and Accessories	Curb Stops	Yes	Yes			Muller	B20200		
		Yes	Yes			Ford	B11233W		
	Corporation Stops	Yes	Yes			Muller	H15008		
		Yes	Yes			Ford F	1000		
	Service Saddles	Yes						Stainless steel strap is required for PVC pipe.	
					Yes			All stainless steel components required.	
	Valve Stem Alignments	Yes	Yes		Yes	EMMA Sales LLC	BoxLoc	Refer to <i>CPC Standard Details WS-07</i> for requirement	
	Valve Boxes	Slip Type	Yes	Yes		Yes	Tyler Union		
			Yes	Yes		Yes	Sigma		



Approved Products List

City of Plant City Utilities Department		Potable Water	Reclaimed Water	Wastewater (Gravity)	Wastewater (Force Main and Lift Station)	Manufacturer	Part Name / Model Number	Notes	
		Joint Restraints	Ductile Iron Pipe Push-on Joint Restraints	DIP-DIP	Yes	Yes		Yes	EBAA Iron Company
Yes	Yes					Yes	Sigma	One-Lok SLDEH	
Yes	Yes					Yes	Star Pipe Products	StarGrip 3100S	
PVC Pipe Push- On Joint Restraints	PVC-PVC		Yes	Yes		Yes	EBAA Iron Company	1600 Megalug®	Restraint for AWWA C900 Push-on Joint Pipe
			Yes	Yes		Yes	EBAA Iron Company	2800 Megalug®	Restraint for AWWA C905 Push-on Joint Pipe
			Yes	Yes		Yes	Sigma	PV-LOK™	
			Yes	Yes		Yes	Star Pipe Products	Series 1100	
DIP MJ Joint Restraints	Restrain DIP to mechanical joint fittings, pipe and appurtenances.		Yes	Yes		Yes	EBAA Iron Company	1100 Megalug®	All restrained joint system shall be pressure rated to the same as Ductile Iron pipe and fittings. All components of the restrained system shall meet or exceed the requirements of the latest edition of ANSI/AWWA C-111/A21.21.11 standard.
			Yes				TYLER MJR	TUFGRIP	
			Yes	Yes		Yes	Sigma	OneLok Series SLD/SLDE	
			Yes	Yes		Yes	Star Pipe Products	Star Grip Series 3000	
PVC MJ Joint Restraints	Restrain PVC to mechanical joint fittings, pipe and appurtenances.		Yes	Yes		Yes	EBAA Iron Company	2000PV Megalug®	
			Yes	Yes		Yes	Sigma	OneLok Series SLCE	
			Yes	Yes		Yes	Star Pipe Products	Star Grip Series 4000	



Approved Products List

City of Plant City Utilities Department		Potable Water	Reclaimed Water	Wastewater (Gravity)	Wastewater (Force Main and Lift Station)	Manufacturer	Part Name / Model Number	Notes	
Backflow Prevention	Backflow Prevention Assemblies & Devices (For Plant City owned & maintained assets)	Reduced Pressure Assemblies (RP)	Yes				Apollo	4ALF	0.75" to 2"
			Yes				Watts	LF919	0.75" to 2"
			Yes				Watts	LF909OSY	3" to 10"
			Yes				Wilkins	975XL2	0.75" to 2"
			Yes				Wilkins	375AST	3" to 10"
		Reduced Pressure Detector Assemblies (RPDA) For City water fire systems with NO tanks, additives, or connections to another source of water	Yes				Watts	909RPDA	3" to 10"
			Yes				Wilkins	375ASTDA	2.5" to 10"
		Double Check Valve Assemblies (DCVA)	Yes				Watts	LF719	0.75" to 2"
			Yes				Watts	LF709OSY	3" to 10"
			Yes				Wilkins	950XLT2	0.75" to 2"
			Yes				Wilkins	350AST	3" to 10"
			Yes				Wilkins	350XL	0.75" to 2"
		Double Check Detector Assemblies (DCDS) For City water fire systems with NO tanks, additives, or connections to another source of water	Yes				Watts	LF709OSY	3" to 10"
			Yes				Wilkins	350ASTDA	3" to 10"
		Pressure Vacuum Breaker Assemblies (PVB) Irrigation Only	Yes				Watts	LF800M4	0.75" to 2"
			Yes				Watts	LF900M4FR	0.75" to 2"
		Dual Check Valve (DUC)	Yes				Wilkins	700XL	0.75" to 1" (For residential potable water service if reclaimed water is available)
		Paint	Yes				TNEMEC	1028 Enduratone	True Blue Safety (Sherwin-Williams is acceptable.)
Yes					TNEMEC	1029 Enduratone	06SF CDY APL RED/SFTY (Sherwin-Williams is acceptable.)		



Approved Products List

City of Plant City Utilities Department		Potable Water	Reclaimed Water	Wastewater (Gravity)	Wastewater (Force Main and Lift Station)	Manufacturer	Part Name / Model Number	Notes	
Meter Box	Meter Boxes	Body	City will be provided a meter box and lid upon request. Please contact Utility Billing to request for new utility service(s).						
		Lid							
Fire Hydrants	Fire Hydrants	Hydrant	Yes				American	American-Darling B-84-B-250	304 Stainless Steel required on hydrant external and bonnet internal hardware and extension kit hardware.
			Yes				Mueller	Super Centurion	304 Stainless Steel required on hydrant external and bonnet internal hardware and extension kit hardware.
			Yes				US Pipe Company	US Metropolitan 94	304 Stainless Steel required on hydrant external and bonnet internal hardware and extension kit hardware.
		Paint	Yes				TNEMEC	2H-BV57	"Safety Yellow"
			Yes				Sherwin-Williams	B66-1050	Acrylic Gloss - "Safety Yellow"
			Yes				RUST-OLEUM	3800	Acrylic Enamel Coating - "Safety Yellow"
Flushing	Flushing Systems	Automatic Flushing System	Yes				KUPFERLE	Eclipse #9400	Flow rates of up to 200 gallons per minute
			Yes				or Equal		



Approved Products List

City of Plant City Utilities Department		Potable Water	Reclaimed Water	Wastewater (Gravity)	Wastewater (Force Main and Lift Station)	Manufacturer	Part Name / Model Number	Notes	
Manhole Structure	Exterior Coatings and Linings	New Manhole	Yes	Yes	Yes	Yes	Sherwin-Williams	Epoxy Tar Coating	
			Yes	Yes	Yes	Yes	ConSeal	Acrylic Coating CS-55	
	Interior Coatings and Linings	New Manhole			Yes	Yes	ConSeal	Acrylic Coating CS-55	
					Yes	Yes	TNEMEC	Vinester 120- 5001	
					Yes	Yes	SEWPERCOAT	SEWPER- COAT	
					Yes	Yes	GML Coatings*	Green Monster	*For the manhole depth higher than 20ft.
		Rehabbed Manhole			Yes	Yes	CCI Spectrum Inc.	SpectraShield	
					Yes	Yes	SEWPERCOAT	SEWPER- COAT	
	External Joint	Water-Tight Seal			Yes		S.S.I.	Infi-Shield Gator Wrap	
					Yes		Garlock	Boa-Tape	
					Yes		or Equal		
	Manhole	Ring and Cover	ARV Manhole		Yes		Yes	US FOUNDRY	USF 170-E
Sanitary Sewer Manhole					Yes		US FOUNDRY	USF 170-E	Manhole in traffic areas and grass medians. "SANITARY SEWER" embossed in the lid.
				Yes*		US FOUNDRY	USF 170-EK	*For Historical District (Coordinates with Utilities Department)	
			Yes		US FOUNDRY	USF 170-X	Manhole in sidewalk areas (non-skid, no vehicle traffic, pedestrian traffic design)		



Approved Products List

City of Plant City Utilities Department		Potable Water	Reclaimed Water	Wastewater (Gravity)	Wastewater (Force Main and Lift Station)	Manufacturer	Part Name / Model Number	Notes		
Lift Station	Pump	Submersible (Chopper)				Yes	Vaughan			
		Submersible (For the motor size smaller than 3HP)				Yes	EBARA			
	Generators	Portable and Standby					Yes	Liberty Pumps	Grinder Pumps	
							Yes	Kohler		
							Yes	MTU-Kato Light		
	Wet Well	Hatch					Yes	BILCO	Wet Well Hatch shall be aluminum frame and cover and shall be equipped with hatch safety net.	
		Coating and Lining			Yes	Yes*	SEWPERCOAT	SEWPER- COAT	*For the wet well depth less than 20ft.	
					Yes	Yes	IET Systems	IET System 3	Credentials must be provided by all coating applicators prior to the commencement of work.	
					Yes	Yes	CCI Spectrum Inc.	SpectraShield	Credentials must be provided by all coating applicators prior to the commencement of work.	
	Plug Valves	Flaged					Yes	GML Coatings	Green Monster	
							Yes	DeZurik	PEC & PEF	Full Port
							Yes	Val-Matic	5600F-5700F	Full Port
	Check Valves	Swing					Yes	Muller / Henry Prett	Ballcentric	Full Port / Up to 12"
			Yes	Yes			Yes	DeZurik/APCO	CVS 6000/6000A	Lever and Weight Type
			Yes	Yes			Yes	American Flow Control	50-SC Series	Lever and Weight Type
			Yes	Yes			Yes	Kennedy Valve Company	Style 106/1106	Lever and Weight Type



Approved Products List

City of Plant City Utilities Department		Potable Water	Reclaimed Water	Wastewater (Gravity)	Wastewater (Force Main and Lift Station)	Manufacturer	Part Name / Model Number	Notes
Lift Station	Instrumentation	Radar Level Sensor			Yes	VEGA	VEGAPULS C11	
		Flowmeter			Yes	Siemens	MAG 5100 W	With MAG 5000 Signal Converter
					Yes	Badger Meter	ModMAG	Electromagnetic Flow Meter
				Yes	McCrometer	ULTRA-MAG	With Procomm Converter	
	Electrical	Enclosure			Yes	Hoffman		Powder Coated White.
					Yes	or Equal		Powder Coated White.
		VFD			Yes	Yaskawa		
		Relay			Yes*			* LED Indicator is required.
		Main Breaker			Yes	SQD		