

D. List of Approved Products					
Last Updated August 2024					
<u>Water Line Pipe, Fittings and Appurtenances</u>		Other materials proposed for use must receive approval from Augusta Water. It shall be the Developer's responsibility to provide documentation which demonstrates an alternate item is "equal" to the item found on the Approved Products List			
	Manufacturer	Model/Series			
<u>Ductile Iron Pipe & Fittings</u>					
<u>Pipe (Class 52)</u>					
	American (ACIPCO)				
	McWane Ductile (Includes Atlantic States Cast Iron Pipe Co., Clow)				
	US Pipe (Includes Griffin)	TR Flex & HDSS Restrained Joint Pipe allowed			
<u>Fittings</u>					
	McWane Ductile (Includes Atlantic States Cast Iron Pipe Co., Clow)				
	Sigma	(Includes D.I. Mech. Joint Connector)			
	Star Pipe Products	(Includes MJ x MJ Adapter Series 100)			
	Tyler Union				
	US Pipe (Includes Griffin)				
	NACIP				
	In Fact	(Foster Adapter only)			
	SIP Industries				
<u>Joint Restraint</u>					
<u>Mechanical Joint Restraint</u>					
	EBAA Iron Inc.	Mega-Lug Series 1100			
	Ford	Series 1400			
	Romac Industries	Grip Ring, Roma-Grip			
	Sigma Co.	One-Lok - D-SLDE			
	Tyler Union	TUF-Grip			
	Star Pipe Products	Stargrip Series 3000, 3000S, Starlug			
<u>Push-On Joint Restraint</u>					
	EBAA Iron Co.	Mega-Lug Series 1700, 1500TD, 1100HD			
	Ford	Series 1390			
	Romac Industries	611			
	Sigma	SSLDH			
	Star Pipe Products	Stargrip Series 3100P, 3100S	Series 1100 For Ductile Iron Pipe		
<u>Internal Restraining Gasket*</u>					
	US Pipe	Field Lok 350			
	Or as required by pipe manufacturer & approved by Augusta Water				
	*All joints containing these gaskets must be marked with warning tape approved by Augusta Water to indicate their presence				
<u>Casing Pipe End Seals</u>					
	Cascade	Style CCES			
	APS	Models AM, AC, AW			
	CCI-Pipeline Systems Inc.	Models ESW, ESC			
	Spider Manufacturing	N Seal Pull On End Seal			
	BWM	Models BWM-PO, BWM-WR			
<u>Gate Valves</u>					
	American Flow Control (American Darling)	2500			
	AVK	65, 45			
	Clow	2639			
	Kennedy	KS-RW			
	Mueller	2361 & 2362			
1.5"	AVK	03-050-TTN			
2"	AVK	03-063-TTN			
	Mueller	A2362 W/Thread Connections			
<u>Butterfly Valves</u>					
	Bray				
	DeZurik				
	Kennedy				
	M&H				
	Val -Matic	2000 Series			
<u>Valve Boxes & Lids (2 piece boxes slip/sliding type)</u>					
	Bingham & Taylor	Fig. 4908			
	Capitol Foundry	Standard 2 pc Slide Type			
	Tyler Union	Series 6855			
	East Jordan Iron Works	Series 8555-85552737			
	"Heavy-duty" lids required in pavement areas or as designated by Augusta Water				

	<u>Manufacturer</u>	<u>Model/Series</u>			
Fire Hydrants					
	American Flow Control (American Darling)	B-84-B-5			
	AVK	Model 27N/PHH/NG			
	Clow	Medallion F2545 - 5.25			
	Kennedy Valve Co.	K-81 D - 5.25			
	Mueller	A-423			
Air Release Valves					
	Cla-Val	Series 34			
	Crispin Valve	M10			
	Val-Matic	15A			
Combination Air Valve					
	Cla-Val	Series 33A			
	Val-Matic	201C			
Blow Off Assembly 2"					
	Kupferle	Mainguard 78			
	Mueller	A-412			
Water Metering Equipment					
Small Valves 1/2" - 2-1/2"					
	AY McDonald	2035 Series			
	Kennedy	Bronze			
	Milwaukee	1151			
	Nibco	T-113			
	Stockham (Crane Energy)	B-100			
Small Ductile Iron Pipe & Fittings - 1-1/2" - 3"					
	Harco	(Internal and external epoxy coating required)			
Small Stainless Steel Pipe & Fittings - 1-1/2" - 3"					
Grade 304 & 316	American Granby				
	AY McDonald				
	Merit Brass				
Copper Fittings & Adaptors - 3/4" x 1"		(compression fittings only) Ranger Fitting Allowed			
	AY McDonald				
	Mueller				
Corporation Stop - 3/4" - 2"					
	Ford	FB1000-Q NL Series			
	Mueller	B-25008N			
	AY McDonald	74701BQ			
Meter Setter					
	5/8", 3/4", 1"	AY McDonald	Standard Yoke Bar		
		Ford	500 Series		
		Mueller	8B		
		AY McDonald	708UQM (U-Branch for dual connections in single box)		
		Ford	U48-xx-xxQ-NL (U-Branch for dual connections in a single box)		
	1-1/2"	Ford 70 Series	VBB76-18HB-11-66-NL		
		AY McDonald	720-R618WWFF 665		
	2"	Ford 70 Series	VBB77-18HB-11-77-NL		
		AY McDonald	720-R718WWFF 775		
Fire Meter Setter					
	1-1/2"	Ford 70 Series	76-18-11-66-NL		
		AY McDonald	720-618NNFF 660		
	2"	Ford 70 Series	77-18-11-77-NL		
		AY McDonald	720-718NNFF 770		
Large Meter Frame & Cover				Frame	Cover
	East Jordan Iron Works, Inc	Durowalk-COM7026030A01			
	East Jordan Iron Works, Inc	Durostreet-COM260334A01		COM260210	COM260334
Meters					
	5/8"-10"	(Augusta Water to install)			
Expander Wheel					
	AY McDonald	4139 Series (hard fiber gasket)			
	Ford	EC Series (must specify fiber gasket)			

	<u>Manufacturer</u>	<u>Model/Series</u>				
Box & Covers						
	<u>Box Manufacturer</u>	<u>Cover Manufacturer</u>	<u>Model/Series</u>			
5/8" - 1" meters & Dual 5/8" meters	Carson/MidStates		MS182420-NK (SKU No. 00182038)			
	DFW		DFW-182424FTP			
	Sigma		RMP182224SFB-W			
		Nicor-Polymer Lid	A-32 Augusta		(Nicor 12.25PWATHO Type A)	
		Bingham&Taylor-Polymer Lid	ILNCUL12.25PWATHA			
		AY McDonald-Frame Only	74MAF18			
		Ford-Frame Only	FA32			
		Bingham&Taylor-Frame Only	CULF18018AW			
1 1/2"-2" meter	Carson/MidStates		MS3630B-NK			
	DFW		DFW-3630			
	Sigma		RMP 3630			
		Nicor-Polymer Lid	21.25PWATH			
		Bingham&Taylor-Polymer Lid	ILNCL21.25PWATHO			
			(Water logo, two threaded bosses and metal location disk)			
		AY McDonald-Frame Only	74MF1020 or 74ZF1020 flange w/ 74MR1000 riser			
		Ford/East Jordan Iron Works, Inc-Frame Only	FL-36 flange w/ PR riser/8423Z-00842311 w/ PR riser			
Angle Valve						
5/8", 3/4", 1"	AY McDonald	74642BYQ				
	AY McDonald	74644BY (For dual connections in a single box)				
	Ford	BA94-xxxW-Q-NL				
	Ford	AV91-xxxW-NL (For dual connections in a single box)				
Type K Copper Tubing						
3/4" - 1"	Mueller Industries					
	Howell Metal					
	Cambridge-Lee (IUSA)					
Plastic Water Service Tubing (PEX 3/4" - 2")						
	Rehau	Municipex				
PVC Pipe, Fittings, Valves						
PVC Schedule 80 - 1/2" - 16"						
	Charlotte Pipe & Foundry					
	Harco					
	Harvel Plastics					
	National Pipe & Plastics					
	Spears					
Pressure Reducing Valves (PRVs) and Control Valves						
	Cla-Val					
	Watts	(sizes 3" and smaller, lead free only)				
Pipe Spacers in Casing (304 SS or HDPE)						
	Cascade Waterworks Manufacturing	CCS, CCS-ER				
	CCI-Pipeline Systems Inc.	CSS				
	RACI					
	BWM	SS, Spyder				
	Spider Manufacturing	Stainless w/ Poly Skids, Stainless w/SS Skids, Black Widow 4 Legs w/Poly Skids				
	APS	SSI, SI w/Thermoplastic Powder Coating				
Repair Clamps and Dresser Couplings						
	Ford					
	Romac					
	Smith Blair					
	Hymax					
Tapping Saddle (* double strap)						
	Ford	FS 202*				
	Mueller	DR2S*				
	Romac	202S*				
	Smith Blair	317*				
2" Municipex	Romac	306-H Stainless Steel Service Saddle				
2" Municipex	Ford	FS313W Stainless Steel Saddle				

	<u>Manufacturer</u>	<u>Model/Series</u>				
<u>Tapping Sleeve (all stainless steel)</u>						
	Ford	FAST, FTSS				
	Mueller	H-304SS				
	Romac	SST, STS420				
	Power Seal	3490				
	JCM	432				
<u>Tapping Valves</u>						
	American Flow Control	2500 series				
	AVK	65 or 45 series				
	Clow	2639 series/model F-6114				
	Kennedy	KS-RW				
	Mueller	T-2361 & T-2362				
<u>Underground Pipe Insulation</u>						
	Pittsburgh Corning	FOAMGLAS Insulation				
<u>Above Ground Pipe Insulation</u>						
		906A-ACS1043 w/ Aluminum Jacketing	<u>Tape</u>	<u>Adhesive</u>		
	Aeroflex		Protape	Aeroflex		
<u>Water Sampling Station</u>						
	Kupferle	Eclipse #88 or MainGuard #94WM				
<u>Sanitary Frostproof Yard Hydrants</u>						
	Freeze Flow by Hoepfner	Executive Hydrant				
<u>Sanitary Sewer Pipe and Fitting Materials</u>						
<u>PVC Pipe & Fittings (Non Pressure)</u>						
<u>PVC SDR 35 - 4"-15"</u>						
	Certaiteed Pipe					
	Diamond Plastics Corp.					
	National Pipe & Plastics					
	Westlake/North American Pipe Corporation - NAPCO					
	Sanderson Pipe Corp.					
<u>PVC C900 Water Pipe - (can be used through casing w/ joint restraint for sanitary sewer)</u>						
	Ipex					
	Diamond Plastics Corp.					
	National Pipe & Plastics					
	Westlake/North American Pipe Corporation - NAPCO					
	Sanderson Pipe Corp.					
<u>PVC Joint Restraint (for use w/ C900 through casing as non-pressure sanitary sewer)</u>						
	EBAA Iron Inc.	Series 1500				
	Ford	Series 1390-C				
	Romac Industries	611 - Black				
	Sigma	PV LOK Series P-PWP				
	Star Pipe Products	Series 1100C				
	Tyler Union	32U Series 3000PP Black				
<u>HDPE</u>						
	National Pipe & Plastics					
	Ipex					
<u>PVC Fittings</u>						
	Harco Fittings					
	Multi Fitting					
	GPK Fittings					
<u>Repair Fittings and Clean-outs</u>						
	Fernco					
	Geneco (clean-outs)					
	Maxadaptor					
<u>Small Stainless Steel Pipe & Fittings - 1-1/2" - 3"</u>						
<u>Grade 316</u>						
	American Granby					
	AY McDonald					
	Merit Brass					
<u>Ductile Iron Pipe and Fittings (Force main, deep installation, other special conditions - Class 50)</u>						
<u>Pipe</u>						
	American (ACIPCO)					
	Atlantic States Cast Iron Pipe Co.					
	Clow					
	Griffin Pipe Products Co.					
	US Pipe					

	<u>Manufacturer</u>	<u>Model/Series</u>				
Fittings						
	Clow					
	Griffin					
	Sigma					
	Star Pipe Products					
	Tyler Union					
	US Pipe					
	SIP Industries					
Gauges						
	WIKA	113.13.15.30V.B	Vacuum Testing			
	WIKA	113.13.20.15.L	Sanitary Sewer Pressure Testing			
	WIKA	113.13.25.300.B	Waterline Testing/Fire Line Vaults			
Sewer Connection Saddle						
	Romac	CB				
	Inserta Fittings Co.	Inserta Tee				
Manholes and Appurtenances						
Pre-Cast Reinforced Concrete						
Manholes						
	Concrete Pipe & Precast (CP&P) (formerly Hanson Pipe / Americast)					
	Winchester Building Supply (WBS)					
	Tindall Corporation					
Exterior Joint Wrap 6" Minimum Width						
	ConSeal	ConWrap CS-212	W/ CS-75 Primer/Adhesive			
	Sealing Systems, Inc.	Infi-Shield Gator Wrap				
	Adaptor, Inc.	Adaptor Seal Barrel Wrap				
Frame and Cover, Riser Rings			Cover	Frame		
	East Jordan Iron Works, Inc.	1040C-1040354/104193 (Standard)	I040AGS-103971 (Watertight)	1045Z-104511/104510		
	East Jordan Iron Works, Inc.	2600 Composite Assembly COM260304A01	COM260304	COM260210		
	U. S. Foundry & Mfg. Corp.	CMH1313AUGUSTA	SP-CMH1313CLWT (Watertight)	USF 755		
Riser Rings						
	East Jordan Iron Works, Inc.	Infrariser	IR-C			
	CreteX	Pro-Ring	M1 Adhesive/Sealant			
Cleanout Frame and Cover						
	East Jordan Iron Works, Inc.		1566A-156622	1566Z-156611		
	Capitol Foundry	PCO-1*MOD (non-traffic areas only)				
Concrete Manhole Connectors						
	A-LOK Products, Inc.	Z-LOK Connector				
	Trelleborg	Kor-N-Seal - Wedge Style				
	Press-Seal Gasket Cor.	Press-Boot				
		PSX Direct Drive				
	Garlock	Link-Seal				
Grout						
	Preco Industries, LTD	Preco-Patch				
	Master-Flow	713 Grout				
Butyl Resin Sealers						
	Concrete Products Supply Co.	CPS-210				
	Concrete Sealants, Inc.					
Sewer Combination Air Valves						
	Cla-Val	36-WW				
	Crispin Valve	US Series				
	Val-Matic	801A				
Plug Valves						
	DeZurik					
	Kennedy					
	M&H					
	Val-Matic	5600 & 5800 Series				
Sewer Backflow Preventer Valves (for vented manholes only)						
	Josam	67100A	(or approved equal)			

	<u>Manufacturer</u>	<u>Model/Series</u>				
<u>Pump Stations (water and sewer)</u>						
<u>Sewer Pumps</u>						
	Flygt Submersible					
	Gorman-Rupp					
	EBARA					
	Wilo					
	Fairbanks					
<u>Flow Meters (magnetic)</u>						
	Toshiba					
	McCrometer					
<u>Float Switches (all mercury free)</u>						
	Flygt ENM					
	Conery Mfg., Inc.					
<u>Controls & Electrical</u>						
	SquareD					
	Cutler-Hammer					
	Allan-Bradley					
<u>Variable Frequency Drive's (VFD'S)</u>						
	SquareD					
	Cutler-Hammer					
	Siemens					
	Benshaw					
	Allan-Bradley					
<u>Hydro-Tanks</u>						
	Highland Tank					
	Adamson Global Technology Corporation					
<u>Pre-Fab Buildings</u>						
	Clear Flow Co.	Stonewall				
<u>Access Hatches (Load rating shall be H20 unless otherwise approved)</u>						
	Bilco Type K or KD					
	Halliday					
	E-Z Set Hatch Co.					
<u>Chlorine Feed Equipment</u>						
	Regal Gas					
<u>Chemical Feed Pumps</u>						
	LMI					
	Blue-White					
<u>Water Booster Pumps</u>						
	AMT (Gorman Rupp)					
	Goulds					
	Grundfos					
	Fairbanks Morse					
<u>Well Pumps</u>						
	Goulds					
	Grundfos					
<u>Vertical Turbine Pumps</u>						
	Fairbanks Morse					
	Goulds					
<u>Pump Motors</u>						
	Baldor					
	Franklin					
	Lincoln Electric					
	US Motor					
<u>Diesel Generators</u>						
	Caterpillar					
	Kohler Power Generation					
<u>WWTP Screen Equipment</u>	Aquilatec Corporation	Vertical Bar Screen w/ Integrated Washer/Compactor (For Plants ≤ 500,000 GPD)				

	<u>Manufacturer</u>	<u>Model/Series</u>			
SCADA EQUIPMENT UNIQUELY QUALIFIED					
Radios	Landis+Gyr	Most Current Series or As Approved			
SCADA Pack	Schneider Electric	Typical Water Tank - TBUP100-1A20-AA10 (Alternate Codes As Approved)			
		Typical Booster Station - TBUP334-1A20-ABIOS (Alternate Codes As Approved)			
		Larger Projects - TBUP357-1A20-AB10S (Alternate Codes As Approved)			
SCADA Accessories					
1 - Surge Protective Device	Square D or Approved Equal	SurgeLogic or Approved Equal			
1 - 41003 Surge Protector					
1 - NEMA 3R Box Size TBD					
1 - 24" x 30" NEMA 4 Box					
1/2" Coaxial Cable		EC4-50			
1 - 150-15 Power Supply	Mean Well or Approved Equal				
1 - Telephone Pole for Antenna		Height to be determined by Augusta Water			
1 - 12V 12AH Sealed Lead Acid Battery					
1 - Omni Directional Antenna	PCTEL Maxrad or Approved Equal	MFB9157NF or Approved Equal-N	Style Connection 806-960 MHz 7 DB gain		
1/2" Coaxial Cable Ends	CommScope or Approved Equal	N Style Connectors			
Safety Equipment					
Full Body Harness	DBI Sala/Capital Safety	Exofit Nex			
	3M	Evolution			
Double-leg lanyard	DBI Sala/Capital Safety	none at this time			
	3M	209550-0241			
Single-leg Lanyard	DBI Sala/Capital Safety	1246318			
	DBI Sala/Capital Safety	1246306			
	3M Protecta	1341001			
Self Retracting Lanyard	DBI Sala/Capital Safety	none at this time			
	3M	MS-16			
Self Retracting Lanyard/Bucket Truck	DBI Sala/Capital Safety	3101575			
SRL for Tri-pod & Davit Arm	DBI Sala/Capital Safety				
Climbing Helmet	Kask	Super Plasma			
Cross Arm Strap	3M	4550-3			
	3M Protecta	AJ450A			
High Visibility Safety Vest	3M	Class 3			
High Visibility Jacket	Majestic	Style 75-1301			
Hard Hat	Fibre Metal by Honeywell	Model 3R Full Brim (1E)			
Electrical Gloves	Salisbury	D120 type 1			
Gas Meter	MSA	ALTAIR 4XR			
Temporary/Portable Guardrail	DBI Sala/ Capital Safety	7900060, 79000061			
Tri-Pod	DBI Sala/ Capital Safety				
Parapet Wall	Gaurdain Fall Protection	15170			
Ventilator/Blower	To Be Determined By Augusta Water As Needed				
	Allegro	Com-PAX-ial Blower			
Rescue Davit	DBI Sala/Capital Safety	Upper Davit Mast - 8518006			
		Lower Mast Ext. - 8518002			
Self Retracting Lifeline	DBI Sala/Capital Safety	3400853			
Fixed Ladder Climbing System	DBI Sala/Capital Safety	DBI-Sala Lad-Saf Cable Vertical Safety System			
Asbestos Removal Suit	DuPont	Tyvek Suit w/ hood			
Asbestos Removal Respirator	To Be Determined By Augusta Water As Needed				
Asbestos Disposal Bags	To Be Determined By Augusta Water As Needed				
Paint					
Fire Hydrant	Rustoleum	V2115838	Silver Aluminum		
Fire Hydrant	Rustoleum	V216383	Safety Red		
Bollard	Rustoleum	V2143838	Safety Yellow		