

APPROVED PRODUCTS LIST - RECLAIMED WATER SYSTEM

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Product Category	Approved Manufacturer	Model/Series	Pressure Load Rating	Website	Reference Standard	Requirements
C-900 (DR18) PVC Pipe 4" to 12" diameter	JM Eagle	C900 Blue Brute, DR18, Reiber Ring Tite Joint	235-psi	http://www.jmeagle.com/	AWWA C900 and ASTM D3139 & ASTM F477	Purple Pipe, with Text Identification, "CAUTION RECLAIMED WATER DO NOT DRINK"
	Diamond Plastics	C900, PVC Pressure DR18 Reiber Gasketed Joint		http://www.dpcpipe.com/		
	National Pipe & Plastics	C900 Dura Blue, DR 18, Gasketed Joint		http://www.nationalpipe.com/		
	North American Pipe	C900 PVC, DR 18, Reiber Gasketed Joint		http://www.northamericanpipe.com/		
C-905 (DR21) PVC Pipe 14" to 36" diameter	JM Eagle	C905, Big Blue, DR21, Reiber Ring Tite Joint	200-psi	http://www.jmeagle.com/	AWWA C905 and ASTM D3139 & ASTM F477	Purple Pipe, with Text Identification, "CAUTION RECLAIMED WATER DO NOT DRINK"
	Diamond Plastics	C905, Trans21, DR21, Reiber Gasketed Joint		http://www.dpcpipe.com/		
	National Pipe & Plastics	C905 Dura Blue, DR 21, Gasketed Joint		http://www.nationalpipe.com/		
	North American Pipe	C905 PVC, DR 21, Reiber Gasketed Joint		http://www.northamericanpipe.com/		
Pipe Fittings, MJ DI	Sigma	Mechanical Joint	250-350 psi see specifications	http://www.sigmaco.com/Products/Fittings.htm	AWWA C110/C111 and AWWA C153	Standard DI Fittings for C900/905 PVC Pipe Connections. Direct PVC to DI pipe connections are not approved.
	Tyler Union	Mechanical Joint		http://www.tylerunion.com/		
	SIP Industries	Mechanical Joint		http://www.sipindustries.com/main/default.asp		
	Star	Mechanical Joint		http://www.starpipeproducts.com/		
SDR 21 PVC Pipe for 2-inch blowoff line	JM Eagle	IPS Pressure Pipe with solvent weld bell and spigot joint	200-psi	http://www.jmeagle.com/	ASTM D2241	Purple Pipe w/ Text Identification or white pipe with purple wrap and text identification
	Diamond Plastics	IPS Pipe with solvent weld bell and spigot joint		http://www.dpcpipe.com/		
	National Pipe & Plastics	NPPI, SDR Series with solvent weld bell and spigot joint		http://www.nationalpipe.com/		
	North American Pipe	IPS Pipe with solvent weld bell and spigot joint		http://www.northamericanpipe.com/		
2" Transition Fitting (for Blowoff Assembly)	Spears	835-020SS	200-psi	http://www.spearsmfg.com/	PVC Adaptor - Female by Female with Stainless Steel Threads	
	Ford	C17-77-NL	150-psi	http://www.fordmeterbox.com/	No Lead Brass Fitting - FIP by Pack Joint (OK for SDR-21 PVC)	

Bell Joint Restraint	EBAA Iron	Series 1900 (4-12")	Meet or exceed pressure rating (200 or 235 psi) See Specifications	http://www.ebaa.com/	ASTM A536 Iron/Coated	Made for C900/C905 Pipe Bell with Stainless Steel Rods, Bolts, Nuts. Ductile iron shall be FBE coated, e-coated or powder coated.
	Smith Blair	Bell-Lock, Series 165		http://www.smith-blair.com/water.php		
	Ford	UniFlange Series 1350 (or 1390)		http://www.fordmeterbox.com/		
	Sigma	PV Lok PWP		http://www.sigmaco.com/		
	Star	Series 4400 and Series 1100G2		http://www.starpipeproducts.com/		
	Romac	Style 611 (16-24")		http://www.romac.com/		
Wedge Action Retainer Glands	EBAA Iron	Series 2000	200-psi	http://www.ebaa.com/	ASTM A536 Iron/Coated UL/FM Approved through 12"	All retainer glands shall be FBE coated, e-coated, or polyester powder coated
	Smith Blair	Model 120 for PVC		http://www.smith-blair.com/water.php		
	Ford	UniFlange Series 1500		http://www.fordmeterbox.com/		
	Romac	RomaGrip for PVC Pipe		http://www.romac.com/		
	Sigma	One Lok Model SLCE		http://www.sigmaco.com		
	Tyler Union	TUFGrip TLP		http://www.tylerunion.com/		
Gate Valve with MJ or RJ connections	Mueller	Series 2360 or 2361	250-psi	http://www.muellercompany.com/water/default.aspx	AWWA C509 & AWWA C515	Left opening, 2-inch nut
	AFC, American Flow Control	Series 2500 with flanged or ALPHA ends		http://www.acipco.com		
	Clow	F6100		http://www.clowvalve.com/		
	M&H	C515		http://www.mh-valve.com/		
Wide Range Restrained Fitting	Romac	ALPHA	350-psi through 12"	http://www.romac.com/		Coupling/End Cap/Flanged Coupling
Combination Air Valves	Vent-O-Mat	RBX	230-psi	http://www.ventomat.com/	AWWA C512	ARV's with spheres are not approved. ARI - 2" valve only
	Vent-Tech	Series C - WTR	276 psi	http://www.internationalvalve.com/		
	ARI	D-040-STST	250-psi	http://www.arivalves.com/		
Valve Boxes	Bingham & Taylor	Reclaimed Series	N/A	http://www.binghamandtaylor.com/		Reclaimed Water Model Provided with Purple Square Cover
Paint	Tnemec	Series 161 Series 66 Series 73	N/A	http://www.tnemec.com/	Pantone 522 Purple	For Concrete applications For Immersion Service - Pipe and other Metals Required Topcoat for all UV Exposed (outside) applications

Marking Tape & Marker Balls	3M Marker Ball	1404-XR	N/A	http://solutions.3m.com/en_US/	APWA	Purple (Pantone 522) for Reclaimed Water
	3M Marking Tape	7614XR				
Polyethylene Wrap	Trumbull		N/A	http://www.trumbull.com/catalognew.html	ANSI A21.5, AWWA C105	Purple Polyethylene Membrane, Minimum 8-mils
	Fulton Enterprises			http://www.sigmaco.com/Products/polywrap/		
	Repcor			http://www.repcorpolywrap.com/site%20map.htm		
Service Saddles	Mueller	H13xxx	200-psi	http://www.muellercompany.com/water/default.aspx	AWWA C800	Must be provided in Controlled Diameter configuration for PVC pipe. Outlets shall have AWWA tapered threads.
	Ford	S-90		http://www.fordmeterbox.com/		
	Smith-Blair	327		http://www.smith-blair.com/water.php		
	Cambridge	800 Series		http://www.cambridgebrass.com/		
	AY McDonald	3805		http://www.aymcdonald.com		
Corp Stops (1-inch Service)	Mueller	B-25009N	300-psi	http://www.muellercompany.com/water/default.aspx	UNS/CDA C89833 per ASTM B584 & AWWA C800	AWWA thread by IPS compression outlet. Outlet must by IPS for IPS polyethylene piping
	Ford	FB1001-4(Q or G)-NL		http://www.fordmeterbox.com/		
	Cambridge	301NL-A4PE4		http://www.cambridgebrass.com/		
	AY McDonald	74701B-3Q1"		http://www.jmeagle.com/		
Meter Box (1-inch Service)	Ford	YL-95345-004-NL (box), FYL-CBV4LP-NL (padlock plate on ball valve) & C86-44-LH-G-NL (45° fitting for polyethylene tubing)	AASHTO H-10 Rated	http://www.fordmeterbox.com/	All Brass components shall meet UNS/CDA C89833 per ASTM B584	Round, Cast Iron Box and Lid painted Purple inside and out with the words "Reclaimed Water - Do Not Drink". Lid shall be lockless and have electronic reader hole.
	AY McDonald	775-410BCGG445x009		http://www.jmeagle.com/		
Hose Bibb Box (1-inch Service)	Hubbell	Box - B071015501 Cover - C070913500L61	Tier 5 or greater	http://www.hubbell.com		Cover and inside of box shall be Pantone 522 Purple. "CAUTION RECLAIMED WATER DO NOT DRINK" shall be on the cover and inside the box. Box shall have a slot lock.

PE Service Piping, IPS	Silverline	IPS, PE 3710 200#	200-psi	http://www.spipe.com/	ASTM D2239 & AWWA C901	Purple PE IPS piping with Text Identification, "CAUTION RECLAIMED WATER DO NOT DRINK" Purple Tracer Wire may be field attached
	Endot	IPS, PE 4710		http://www.endot.com/home/		
	Interstate Plastics	IPS, PE 4710 (4J 250-200)		http://interstateplastic.com		
Meter Box (1-1/2 & 2-inch Services)	CDR	A142436519	Assembly Tier 15 or greater	http://www.cdrrsystems.com/	Inside of Box Painted Purple and Identified as Reclaimed	Provided with polymer cement cover, dyed purple with the words, "Reclaimed Water Do Not Drink" lettered on the cover. 2-stainless steel locking bolts with penta head, & 2" reader hole.
	Quazite	PG2436Z961		http://www.hubbell.com		
Meter Setters, 1-1/2"	Ford	VBH76-18B-11-66-NL	200-psi	http://www.fordmeterbox.com/	UNS/CDA C89833 per ASTM B584	Use 300-psi rated full port ball valves. Ground key valves are not approved at meter inlet.
	Mueller	B2423-2-01N		http://www.muellercompany.com/water/default.aspx		
	AY McDonald	720B618WDFE 665		http://www.aymcdonald.com/index.cfm		
Meter Setters, 2"	Ford	VBH77-18B-11-77-NL	200-psi	http://www.fordmeterbox.com/	UNS/CDA C89833 per ASTM B584	Use 300-psi rated full port ball valves. Ground key valves are not approved at meter inlet.
	Mueller	B2423-2-01N		http://www.muellercompany.com/water/default.aspx		
	McDonald	720B718WDFE 775		http://www.aymcdonald.com/index.cfm		
Precast Concrete Meter Vaults for 3 & 4 inch services	Lindsay Precast	Variable: 6 x 8.5 to 8 x 10 interior dimensions	N/A	http://www.stayright.com/	ASTM C478	Height will vary to meet specs.
	Mack Industries			http://www.mackconcrete.com/		
	Precast Solutions			http://www.precast-solutions.com/		
	CP&P (Hanson, Carolina Precast)			http://www.concretePandP.com/		
	Tindall			http://www.tindallcorp.com/		
	OldCastle (NC Products)			http://www.oldcastleprecast.com/plants/ncproductsraleigh/Pages/default.aspx		
	Foltz			http://www.foltzconcretepipe.com		
Meter Vault Doors	Halliday	42" x 42" or 48"x 48"	N/A	http://www.hallidayproducts.com/	H2O Loading, no exceptions	All hatch doors shall include slam lock and lockable assembly for owner's padlock
	Bilco			http://www.bilco.com/home.asp?country=93		
	US Foundry			http://www.usfoundry.com/usf/		
Tapping Sleeves, Ductile Iron, Mechanical Joint	Mueller	H-615	250-psi	http://www.muellercompany.com/water/default.aspx	AWWA C110/C111	
	AFC	Series 2800		http://www.acipco.com		
	Tyler/Union	MJ Tapping Sleeve		http://www.tylerunion.com/		
Stainless Steel Tapping Sleeve (w/ Stainless Steel Flange)	Mueller	H-304	200-psi	http://www.muellercompany.com/water/default.aspx	AWWA C223	See specs for approved sizes. Stainless Steel Flange required
	Romac	6"-12" only -- SST-III		http://www.romac.com		