

MHOG Water Distribution Approved Materials List					
Product Type	Material	Applicable Size	Manufacturers / Source	Model # /Type	Additional Requirements
<b>Water Main Including T's and</b>	Ductile Iron Pipe	3-24 inch	All	Pressure CL350; CL52	
	HDPE	3-24 inch	All	DR-11	Directional Drill Only
<b>Water Main Fittings</b>	Mechanical Joint - Restrained	Per Pipe Diameter	EBAA Iron	Mega Lugs 1100T Series	Provide Flouorocarbon T-Bolts
	Restrained Push Joint Gaskets	Per Pipe Diameter	Per Pipe Manufacturer	Per Manufacturer	
	Gaskets	Per Pipe Diameter	Per Pipe Manufacturer	Per Manufacturer	Environmental where specified
	HDPE - Ductile Iron Conversion	Per Pipe Diameter	Per Pipe Manufacturer	Per Manufacturer	Manufactured by same
	Sleeves Cast Iron	Per Pipe Diameter	Tyler Union/EJIW or A/E	Per Manufacturer	
	Bolts	Per Pipe Diameter	Trumbull or A/E	T-Head Bolts	COR-BLUE
<b>Gate Valves</b>	Cast Iron	3-12 inch	Mueller	A-2360	Open left only, coat bolts with undercoating
	Cast Iron	3-12 inch	EJIW	Flowmaster Series	Open left only, coat bolts with undercoating
<b>Butterfly Valves</b>	Cast Iron	16 - 24 inch	Pratt, EJIW, Dezurik	Per Manufacturer	Open left only, gate well required, mechanical operator, coat bolts with undercoating
<b>Tapping Sleeve and Valve</b>	#304 stainless steel minimum	All Sizes	Romac SST, JCM Industries, or A/E	Full Stainless Steel Construction Per Manufacturer	Gate Well required
<b>Check Valve</b>	Cast Iron	All Sizes	Clow, M&H, Kennedy, Rensselaer or A/E	Swing or Ball	Per Plans and Specifications
<b>Fire Hydrants</b>	Ductile Iron/Cast		EJIW	5BR-250 - 6 FT Bury Depth	Storz fitting required on steamer port, red in color, drian plugs fully closed
<b>Corporation Stops</b>	Brass	1 - 2 inch	Ford Meter Box	CCXCOMP B25008	Lead free, brass, compression
	Brass	1 - 2 inch	Mueller Co.	FB1000-x-Q	Lead free, brass, compression
<b>Curb Stops</b>	Brass	1 - 2 inch	Ford Meter Box	B44-XXX-Q-NL - (XXX per size)	Minneapolis Pattern, compression only
	Brass	1 - 2 inch	Mueller Co.	MNP Comp B25155- All sizes	Minneapolis Pattern, compression only
<b>Curb Boxes</b>	Cast Iron	1 - 2 inch	Ford Meter Box	EM2 Series	Grease threads on center nut
	Cast Iron	1 inch	Mueller	H-10300	Grease threads on center nut
	Cast Iron	1.5 - 2 inch	Mueller	H-10302-99005	Grease threads on center nut
<b>Riser Rods</b>	Stainless Steel Rod	1.5-3 feet	Per manufacturer of curb box	Per Manufacturer	Required on all Curb Stops regardless of size, stainless steel pin required
<b>Service Lines</b>	Copper	1-2 inch	All	Type K - Soft	Sand backfill required
	HDPE	1-2 inch	All	DR-11 CTS	Directional drill only, tracer wire required
<b>MH Covers</b>	Cast Iron	26 inch Opening	EJIW	1040 - Water	MHOG Logo
<b>Valve Boxes &amp; Covers</b>	Cast Iron		Tyler Union/EJIW/OE		Must be labeled water on cap
<b>Tracer Wire Boxes</b>			Copperhead	CD14*TP Blue Top	Model RB14*TP for asphalt installations
<b>Tracer Wire</b>			Copperhead	10#CCS - 600# Breakload	Single strand copper
<b>Hydrant Flags</b>	Steel with integral steel coil		USA Bluebook	Part No. 75193	Attach to top flange, reflective
<b>Polyethlyne Pipe Wrap</b>	Polyethlyne	Per Pipe Schedule	Christy's or AE	8 mill thick	Required on all Ductile Iron Pipe