

SAN ANTONIO WATER COMPANY
APPROVED MATERIAL LIST

<u>No.</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Model No.</u>
1 PIPE			
1-A	Brass Pipe		
	1. Red Hard Brass, ASTM	Merit Brass	N/A
		Mueller	N/A
1-B	Ductile Iron Pipe		
	1. Class 150-350, CML/ Asphalt Coated, Flanged	Pacific States	N/A
		U.S. Pipe	N/A
1-C	Galvanized Pipe, Std. Wt.		
	1. Schedule 40, ASTM A53	Union Steel	N/A
1-D	Welded Steel Pipe, CML/CMC		
	1. Plain End, or Flanged	Northwest Pipe Co.	N/A
		West Coast Pipe Linings	N/A
		Or Equal	
1-E	Type K Soft Copper		
	1. ANSI/NSF Standard 61 Drinking Water System	Cambridge-Lee Industries	N/A
	Components Health Effects	Or Equal	
2 VALVES			
2-A	1" Air Valve	Cla-Val	
		Crispin	
2-B	2" Air Valve	Cla-Val	
		Crispin	
2-C	2" Curb Stop		
	1. FIP x FIP, With padlock wings	Mueller	
2-D	1" Curb Stop		
	1. FIP x FIP, with padlock wings	Mueller	H-10200N
2-E	1" Angle Meter Stop		
	1. CTS O.D. tubing x Meter Swivel Nut	Mueller	H-14258N
2-F	1 1/2" Curb Stop		
	1. FIP x FIP, with padlock wings	Mueller	
2-G	Butterfly Valve		
	1. Flanged 12"-42", Rubber seat in the body, Epoxy coated inside and outside	Mueller	

Approved: 
Charles Moorrees, GM

Date: 5-8-15

SAN ANTONIO WATER COMPANY
APPROVED MATERIAL LIST

No.	Description	Manufacturer	Model No.
2-H	Gate Valve		
	1. Flanged 2"-10", resilient seated, epoxy lined and coated, Ductile iron body	Mueller American AVK	
	2. Threaded 1"-3" resilient seated, epoxy lined and coated, Ductile iron body	Mueller American AVK	
	3. Threaded x Flanged 1 1/2"x 2" Bronze Body	Stockham	
	4. Threaded 1/2"-3" bronze body	Apollo	Made in U.S.A
2-I	Ball Valve		
	1. Threaded 1/2"-2"	Apollo	Made in U.S.A
3	FIRE HYDRANTS		
3-A	6"x2 1/2"x4" Residential	Mueller Clow	
3-B	4"x2 1/2" Residential	Mueller Clow	
3-C	Break Off Check Valve		
		Mueller Clow	
4	BACKFLOW DEVICES		
4-A	Vacuum Breaker		
4-B	Double Check Detector Assembly	In compliance with the SWRCG. Approved list is available at SAWCo	
4-C	Reduce Pressure Principle Backflow (RPP)		
5	FITTINGS		
5-A	Brass	Mueller	
5-B	Ductile Iron Pipe, CML/Asphalt Coated		
	1. Flanged C110-A21.10	Tyler Pipe Union Foundry U.S. Pipe	
	2. Restrained Gasketed Joints C153/A21.10	Tyler Pipe Union Foundry U.S. Pipe EBAA Iron Inc.	
5-C	Galvanized	Stockham	
5-D	Welded Steel Pipe, CML/CMC, Std. Wt.	Ameron Kelly Pipe Northwest Pipe	

Approved: 
Charles Moorrees, GM

Date: 5-8-15

SAN ANTONIO WATER COMPANY
APPROVED MATERIAL LIST

<u>No.</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Model No.</u>
6 METER BOX			
6-A	Concrete Meter Box w/ Concrete Cover and Reading Lid	Brooks	
6-B	Plastic Meter Box w/ T-cover		
	1. 15"x21 1/2"	Carson	
	2. 19 1/2"x32 1/2"	Carson	
7 MISCELLANEOUS			
7-A	Air Valve Screens		
	1. 1" Male Thread	Northtown	
	2. 2" Male Thread	Northtown	
7-B	Water Meter Flange		
	1. Water meter Flangex FIP, Bronze	Mueller	
7-C	Flanges		
	1. Ductile Iron	N/A	AWWA C115
	2. Steel	N/A	AWWA Class E or ANSI B16.5, Class 150
7-D	Meters		
	1. 3/4" Ipearl	Sensus	
	2. 1" Ipearl	Sensus	
	3. 1 1/2" Flanged	Sensus	
	4. 2" Flanged	Sensus	
7-E	Nuts, Bolts		
	1. Fire Hydrant Bolts, Breakaway. U.S.A. only ASTM A-307	Pacific Coast Bolt Corp.	
	2. Hex Head Bolts 5/8"-1 1/2" Diameter U.S.A. only ASTM A-307	Pacific Coast Bolt Corp.	
7-F	Transition Coupling		
	1. 4"-12"	Romac	
	2. 14"-30"	Romac	
7-G	End Cap Coupling		
	1. 4"-12"	Romac	
	2. 14"30"	Romac	
7-H	Service Saddles		
	1. Double Strap Bronze 1"-2" IPT outlet	Romac	
	2. Double Strap SS for Ductile Iron 1"-2" IPT outlet	Smith Blair	
7-I	Strainer		
	1. 2" Strainer	Neptune	
7-J	Straight Meter Couplings		
	1. 3/4"x 3"	Mueller	
	2. 1"x 3"		

Approved: 
Charles Moorrees, GM

Date: 5-8-15