

## APPENDIX II

### APPROVED MATERIAL LIST- July 2012

No.	Material Description	Approved Manufacturers/ Suppliers/ Products
<b>1</b>	<b>Ductile Iron Pipe</b>	Pacific States Cast Iron Pipe Co.
	<b>Manufacturers</b>	United States Pipe & Foundry
		American Cast Iron Pipe Company
		Griffin Pipe Products Company
<b>2</b>	<b>Fitting Manufacturers</b>	Star
		Sigma/Nappco
		Tyler/ Union
		SIP Industries
<b>3</b>	<b>Pipe Joint Type</b>	Mechanical Joint - ANSI A21.11/AWWA C111; <b>ROMAGRIP for 14-inch and greater.</b>
		Rubber gasket - ANSI A21.11/AWWA C111
		Flanged joint - ANSI A21.10/AWWA C110
		Restrained joint - ANSI A21.10/AWWA C110. "Field-LOK" Gaskets, for use with "Tyton" joint pipe. Fast Grip Gaskets for use with "Fastite" joint pipe, as manufactured by American Cast Iron Pipe Company, or "Grip Ring", as manufactured by Romac Industries, Inc. or "Lok-Ring" as manufactured by American Cast Iron Pipe Company
		Sure Stop 350 Gasket by Pacific States Cast Iron Pipe Co.
<b>4</b>	<b>Steel Pipe</b>	Ameron International, Water transmission Group
		Northwest Pipe Company
		Kelly Pipe Company
		West Coast Pipe Linings Inc
		Southland Pipe Corp
		Imperial Pipe Services, LLC
<b>5</b>	<b>Paint Systems.</b>	
	Gate Box Caps & Rims	1 coat , Red, Rust-Oleum, Dunn ; Devoe and 2 coats of Rust-Oleum/Dunn/Devoe., Safety Blue- City approved.
	Air Valves	1 coat , Red, Rust-Oleum, Dunn ; Devoe and 2 coats of Rust-Oleum/Dunn/Devoe., Forest Green, or City approved.
	Fire Hydrants	1 coat , Red, Rust-Oleum, Dunn ; Devoe and 2 coats of Rust-Oleum/Dunn/Devoe., Safety Yellow or City approved.
	Blowoff Hydrants	1 coat , Red, Rust-Oleum, Dunn ; Devoe and 2 coats of Rust-Oleum/Dunn/Devoe., Safety Yellow/Blue.
	Air Valve Guard Posts	1 coat , Red, Rust-Oleum, Dunn ; Devoe and 2 coats of Rust-Oleum/Dunn/Devoe., Forest Green.
	Hydrant Guard Posts	1 coat , Red, Rust-Oleum, Dunn ; Devoe and 2 coats of Rust-Oleum/Dunn/Devoe., Safety Yellow.
	Locating Guard Posts	1 coat , Red, Rust-Oleum, Dunn ; Devoe and 2 coats of Rust-Oleum/Dunn/Devoe., Safety Yellow.
	Steel Vault Lid	1 coat , Red, Rust-Oleum, Dunn ; Devoe and 2 coats of Rust-Oleum/Dunn/Devoe., Soft Grey
	Above Ground Piping	1 coat , Red, Rust-Oleum, Dunn ; Devoe and 2 coats of Rust-Oleum/Dunn/Devoe., San Tan.
	Curb Markings	1 coat , Red, Rust-Oleum, Dunn ; Devoe and 2 coats of Rust-Oleum/Dunn/Devoe., Safety YBlue.
		Miscellaneous Appurtenances - "Tnemec" Pota-Pox Plus series 140F epoxy coating, or City approved equal.
		All paint and protective coatings shall be holiday free
<b>6</b>	<b>SUPPLIERS</b>	Dunn Edwards, Riverside - (951) 784-1758
		Glidden Professional, Riverside - (951) 274-7888
		Vista Paint, Riverside - (951) 689-2501
<b>7</b>	<b>NUTS AND BOLTS</b>	hexagonal head machine bolts and hexagonal nuts, A-307 Grade B.
		Class 2A fit on bolts and Class 2B fit on the nuts, Plating, Bolt Length, Breakoff Bolts. (See 250-1)

<b>8</b>	<b>GASKETS.</b>	1/8" minimum thickness, micro finish, full face, red rubber style 150 by "Active Packing" Gaskets. shall meet Federal Specification HH-P-151.				
<b>9</b>	<b>INSULATION GASKETS</b>	PSI Products, Inc., Burbank, California Central Plastics Company, Shawnee, Oklahoma CALPICO Inc., San Francisco, California Sure Stop 350 Gasket, by Pacific States Cast Iron Pipe Co.				
<b>10</b>	<b>BUTTERFLY VALVES</b>	Pratt - Groundhog, Triton XR-70				
	<b>DIP Body</b>	Mueller - Lineseal III DeZurick or City approved equal Krispin K`-Flow Butterfly Valve- DI body - 500 series-3" to 20".				
<b>11</b>	<b>GATE VALVES</b>					
	<b>1/2-inch Gate Valves, Brass</b>	Lead free, per AWWAC-89833; STOCKHAM #B105, (must have union bonnet) Milwaukee 1142; NIBCO t-136				
	<b>2-inch to 3-inch Gate Valves</b>	Muller Company; A-2360.				
<b>12</b>	<b>Resilient Seat Gate Valves</b>	American Flow Control Series 2500 Clow Series 6100 AVK Series 25 Mueller Model A2360 M & H Style 4067 NRS				
<b>13</b>	<b>Tapping Sleeves</b>					
	<b>Stainless Steel Sleeves</b>	Smith-Blair 662 and 663 Romac SST or Romac FTS 420 Powerseal 3490-AS				
<b>14</b>	<b>Mechanical Type Joint</b>	Mueller-Mechanical Joint Tapping Sleeve Clow-Mechanical Joint Tapping Sleeve American Flow Control - Mechanical Joint Tapping Sleeve				
<b>15</b>	<b>AIR VALVES</b>	Crispin, 2-inch; -UL20.1-Universal Air Release Valve, Screw on Crispin, 4-inch; -UL41.1-Universal Air Release Valve, Flanged, 125 #. Crispin, 6-inch; -C61-Combination Air Valve, Flanged, 125 #. Crispin, 8-inch; -C81-Combination Air Valve, Flanged, 125 #.				
<b>16</b>	<b>Resilient Wedge Gate Valves - Fire Services</b>	American Flow Control Series 2500 Clow Series 6100 AVK Series 25 M&H Series 3067 (NRS) (3068 for OS & Y) Mueller Model A2360				
<b>17</b>	<b>BRASS AND BRONZE ITEMS</b>					
		<b>MODELS</b>				
	<b>Service Fittings</b>	<b>FORD</b>	<b>JONES</b>	<b>McDONALD</b>	<b>MUELLER</b>	<b>CAM</b>
	<b>ITEM</b>					
	1" Ball Corp. MIPT X MIPT	FB500-4	E-1943	73131B	B-20013	
	1" Couplings FIPT X Pack Joint for CTS/ C14-44G		E-2607	7 4754-22	P-15451	
	M7M7					
	2" Corp Stop CC X IPT	FB-400-7	E-1944	73128B		
	H4T4					
	F7MF7					
	2" Couplings MIPT X Comp, CTS	CB4-77	E-2605		H-15428	
	1" x 3/4" Meter Adaptor	A34	E-128-H			
	1" Meter Coupling	C38-44-2625	E-134	74620	H-10891	

		3/4" Meter Coupling	C38-23-25	E-134	7 4620	H-10891
<b>18</b>	<b>Service Saddles</b>	1. Mueller Cat. No. BR 2 B 0474 IP, BR2B0684 IP; BR2B0899IP; BR2B1104 IP; BR2B1314 IP				
	<b>(Service Clamps)</b>	2. Smith-Blair Cat. No. 323-0510 thru 323-1426				
	Bronze double strap type	3. R.H. Baker Cat. No. 183-413 TAP thru 183-1426 TAP				
	with neoprene seal ring	4. Jones Cat. No. E-979				
	gasket	5. McDonald No. 3826				
		6. Ford - 202B				
		7. Cambridge Cat. No. 810				
		8. Rockwell Cat. No. 323-0510 thru 323-				
<b>19</b>	<b>Water Sampler Fittings</b>					
		1" Corp. Stop IPT x Compression				
		1" Corp. Stop IPT x 1 PT				
		1" Angle Ball Meter Stop				
		1" x 3/4" Meter Adaptor				
<b>20</b>	<b>FIRE HYDRANTS</b>					
	<b>Regular FH</b>	Hydrant (1 - 2-1/2" and 1 - 4" Outlets				
	6" wet barrel, 1-4" outlet and	Clow Corp.; Corona, CA 900 Series - Model 950				
	1-2-1/2" outlet and 6" DI bury	American AVK Co. Fresno, CA Model 2472.				
	CWD-700	Wet Barrell Fire Hydrant				
	<b>Super Hydrant</b>	Clow Corp.; 900 Series - Model 960				
	2-2-1/2" Outlets and 4" Outlet	American AVK Co. Fresno, CA Model 2492.				
	and 6" ductile Iron bury.					
<b>21</b>	<b>BOLTED, SLEEVE-TYPE COUPLINGS</b>					
	<b>Flexible Couplings</b>	Baker Series 200				
		Dresser Style 38				
		Smith-Blair 411 and 441				
		Romac Style 501				
		Ford Style FC1 and FC2				
<b>22</b>	<b>Flanged Coupling Adapters</b>					
		Baker Series 601				
		Smith-Blair 912, 913, and 914				
		Ford Style FFCA				
		Romac Style FCA 501				
<b>23</b>	<b>METER BOXES</b>					
	<b>3/4" and 1" Meters</b>	Armorcast				
		Carson Industries				
		J x R Concrete				
	<b>1-1/2" and 2" Meters</b>	Armorcast				
		J x R Concrete				
<b>24</b>	<b>Meter Vault</b>	Jensen Precast				
	Compound Meter 3", 4" & 6"	CWD-800-1; CWD-800-2; Traffic Rated Vault				
	Compound Meter 8", 10" & 12"	CWD-801-1; CWD-801-2; Traffic Rated Vault.				
<b>25</b>	<b>Locator Wire</b>	THHN/THWN 600v Solid and Stranded				
		8-gauge-ONE strand #4 Bare Locator Wire				