

**APPENDIX E**  
**LIST OF MATERIALS AND APPROVED MANUFACTURERS**

<b>I. Water Main Materials</b>		
<u>Item</u>	<u>Manufacturers</u>	<u>Part No.</u>
Ductile Iron Pipe	1. American 2. Clow 3. Griffin 4. McWane Pipe 5. US Pipe	
PVC Pipe (DR14, DR18, DR25)	1. Certainteed 2. J-M Manufacturing 3. North American Pipe 4. Freedom Plastics	
PVC Pipe (SDR-21)	1. J-M Manufacturing 2. North American Pipe	
Fittings	1. Union 2. US Pipe 3. American 4. Tyler	1. N/A 2. N/A 3. N/A 4. N/A
Stainless Steel Tapping Sleeve	1. Dresser 2. Ford 3. JCM Industries 4. Mueller	1. 630 2. Fast Series, FTSS 3. 432, 452 4. H304
Iron Tapping Sleeve	1. American 2. Clow 3. M&H Valve Co. 4. Mueller 5. US Pipe	1. 1004 2. F-5205 3. 1574 4. H-615, H-616, H-619 5. N/A
Air Release Valves	1. Empire 2. Valmatic 3. Apco	1. 920 2. VM 38 3. 200
Gate Valve	1. American 2. Clow 3. M&H Valve Co. 4. Mueller 5. US Pipe	
Butterfly Valve	1. Kennedy 2. Mueller 3. Clow 4. M&H Valve Co. 5. Pratt 6. American-Darling	1. BFV-84 2. Linseal III 3. 2000 4. 4500-1450 5. Groundhog 6. 150

Casing Spacers	1. Cascade 2. PSI	1. CCS 12" Width Min. 2. C12G-2
Corporation Stops	1. Ford 2. McDonald 3. Mueller 4. Hays	1. F-1000, FB-1000 2. 4701-T 3. H-15008, H-15013 4. 5200DF, 4400DF
Service Saddle, Single Strap	1. Cascade 2. Dresser 3. Ford 4. Smith-Blair	1. C052 2. 291-SS 3. FC-101 4. 315
Curb Stops	1. Ford  2. McDonald  3. Mueller  4. Hays	1. Single Service: B-43-342W Double Svc./Branch: BA13-232W/U48-43 2. Single Service: 6100 MTW Double Svc./Branch: 4604N/3795-T 3. Single Service: H-14350 Double Svc./Branch: H-14265/H15363 4. Single Service: 4317-1DF Double Svc./Branch: 25013/5591DF
Fire Hydrant	1. American 2. M&H Valve Co. 3. Mueller 4. US Pipe	1. B-84-B 2. 929 3. A-423 4. Met M94
Restraints for DI Pipe	1. Ebba Iron 2. Ford 3. Sigma 4. Tyler	1. 1100 2. 1400 3. One-Lok SLD 4. MSR
Restraints for PVC Pipe	1. Ebba Iron 2. Ford 3. Sigma 4. Tyler	1. 2000 PV, 2000 SV 2. 1500 3. One-Lok SLC 4. MSR
Flange Adapter	1. Ebba 2. Ford	1. 1000 DIP, 2100 DIP 2. 200, 400, 900 C&S, UFA-200 DIP UFA-900 PVC

Service Saddles, Double Strap	1. Cascade 2. Dresser 3. Ford 4. Smith-Blair	1. CDS2/CDS-LD 2. 291DS 3. FC-202 4. 317
<b>II. Wastewater Main and Reclaim Water Main Materials</b>		
<b><u>Item</u></b>	<b><u>Manufacturers</u></b>	<b><u>Part No.</u></b>
Ductile Iron Pipe	1. American Cast Iron Pipe Co. 2. Clow 3. Griffin Pipe 4. US Pipe 5. McWane Pipe Co.	
PVC Pressure Pipe (DR18 & DR25)	1. Certainteed 2. J-M Manufacturing 3. North American Pipe 4. Freedom Plastics	
PVC Gravity Pipe	1. Charlotte Pipe 2. J-M Manufacturing 3. North American Pipe 4. Freedom Plastics	
Fittings	1. Union 2. US Pipe 3. Clow 4. American 5. Tyler	
Gate Valve	1. American 2. Clow 3. M&H Valve Co. 4. Mueller 5. US Pipe	1. 2500 Seves 2. F6100 3. 4067 4. A 2360, 2361 5. 250
Iron Tapping Sleeve	1. American 2. Clow 3. M&H Valve Co. 4. Mueller 5. US Pipe	1. 1004 2. F-5205 3. 1574 4. H-615, H-616, H-619 N/A
Stainless Steel Tapping Sleeve	1. Dresser 2. Ford 3. JCM Industries 4. Mueller	1. 630 2. Fast Series, FTSS 3. 432, 452 4. H 304

Air Release Valves	1. Empire 2. Apco 3. Val-Matic	1. 2-915-3 2. 450 3. VM-48
Air Release/Vacuum Relief Valves	1. Empire 2. Apco 3. Val-Matic	1. 2-935-S-2 2. 402-S 3. VM-802A, 803A, 804
Check Valves (4" and larger)	1. ITT Kennedy 2. M&H Valve Co. 3. Mueller 4. Clow 5. Empire	1. 106 2. 159 3. A-2602 4. 106 5. 220
Tapping Valve	1. American 2. Clow 3. M&H Valve 4. Mueller 5. US Pipe	1. N/A 2. F-6114 3. 4751 4. T-2360, 2361 5. 5860
Plug Valve	1. Clow 2. Dezurik 3. Keystone 4. Milliken 5. Pratt 6. Val-Matic	
Casing Spacers	1. Cascade 2. PSI	1. CCS-12" Width Min. 2. C12G-2
Expansion Joints	1. Mercer 2. Metraflex 3. EBBA Iron	
Manhole Frame and Cover	1. U.S. Foundry 2. Vulcan	1. USF #225-AS 2. V1357
Manhole Jointing Material	1. K.T. Snyder Co., Inc. 2. Conseal	1. Ram-Nek 2. CS102
Manhole Surface Coatings	1. Koppers	1. Bitumastic 300M
Manhole Connector	1. Kor-N-Seal (NPC) 2. IPS 3. PSX	

Painting: Aerial Piping, Fittings, and Valves A. Field Primer	1. Porter/Int'l 2. Koppers 3. Tnemec 4. Glidden	1. 284 U-Primer 2. Pug Primer 3. 37-77 Chem-Prime 4. Alkyd Metal Primer
Valve Boxes	1. Tyler 2. US Foundry	1. 461-S 2. 7500
<b>III. Wastewater Pump Station Materials</b>		
<b><u>Item</u></b>	<b><u>Manufacturers</u></b>	<b><u>Part No.</u></b>
Generator Circuit Breaker	1. Square D 2. Westinghouse	
Generator Systems	1. Caterpillar 2. Onan (Cummins)	
Motor Automatic Megger	1. Automeg	
Pressure Gages	1. Ashcroft 2. H.O. Trerice Co.	
Submersible Pumps	1. Flygt 2. ABS	
Wetwell Access Frames and Covers	1. Halliday Products 2. Bilco Co.	
Control Panels (CP)	1. Sta-Con, Inc. 2. Quality Control, Inc.	
Alarm Horn (AH)	1. Edwards 2. Wheelock	
Alarm Light (AL)	1. American Electric 2. Red Dot	
Control Circuit Breaker	1. Westinghouse 2. Square D	
Control Circuit Transformer	1. Westinghouse 2. Square D	
Duplex Receptacle/GFI (DR)	1. Square D 2. Hubbel	
Elapse Time Meter (ETM)	1. Engler 2. Hecon	

Emergency Circuit Breaker (ECB)	1. Westinghouse 2. Square D	
Enclosure	1. Hoffman 2. Tanco	
Run Indicator (RL)	1. Dialco 2. Littelfuse	
Surge Protector (LA)	1. GE 2. EDCO	
Terminal Strip (TS)	1. Marathon 2. Square D	