GENERAL INFORMATION Pages 1

SECTION ONE- WATER Pages 2 through 6

SECTION TWO- WASTERWATER Pages 7 through 12

WATER CATEGORY 1 OF 7: VALVES AND ACCESSORIES

Air Release Valves

1. Dezurik 1. 200

2. ARI 2. D-040, S-050

3. GA Industries 3. 920

4. Val-Matic 4. VM-38, VM-45

Butterfly Valves- 42" and above- 8 mil epoxy coated and lined (AWWA)

 1. Dezurik
 1. BAW

 2. Mueller
 2. Lineseal III

 3. Clow
 3. 1450, 4500

Gates Valves- 16" through 48"- resilient seat/wedge only w/side actuators

1. Clow1. Series F-61002. Mueller2. Series A23613. American Flow Control3. Series 2500

Gate Valves- 12" and smaller- resilient seat/wedge only

1. Clow1. Series F-61002. Mueller2. Series A23603. American Flow Control3. Series 2500-1

Tapping Valves- resilient seat/wedge only

1. Clow 1. Series F-6114

2. Mueller 2. Series T-2360 & A-2361

3. American Flow Control 3. Series 2500

Blow Off Valves

Hydro Guard
 Kupferle Foundry Co.
 Series TF 550
 Water Plus
 Series VB 2000

Sample Station (Above ground)

1. Water Plus 1. Series 200A

Valves Boxes

 1. Sigma
 1. Series 262X VB

 2. Tyler
 2. Series 6850

WATER CATEGORY 2 OF 7: SERVICE MATERIALS

Corporation Stops (CTS)

1. Ford 1. F1000-4NL (1") 2. Ford 2. B84-777NL (2")

Straight Curbstops (CTS)

1. Ford 1. B41-444W/NL (1") 2. Ford 2. B41-777W/NL (2")

Straight Curbstops x Meter flange (CTS)

1. Ford 1. BF43-777W/NL (1 ½" and 2")

Angle Curbstops (CTS)

1. Ford 1. KV43-342W/NL (3/4") 2. Ford 2. KV43-444W/NL (1")

Angle Curbstops x Meter flange (CTS)

1. Ford 1. FV43-777W/NL (1 ½" and 2")

Ball Valves (IP)

1. Ford 1.B11-333W/NL (3/4")
2. Ford 2.B11-444W/NL (1")
3. Ford 3.B11-666W/NL (1 ½")
4. Ford 4.B11-777W/NL (2")

Polyethylene Tubing- Blue w/UV Protection (SDR-9), 1" and 2"

1. Endot 1. PE 4710 Endopure

Service Saddles-1"AWWA/CC taper thread, 2" IP male thread

Smith-Blair
 Ford
 Series 313
 Series 202

U-Branch Assemblies

 1. Ford
 1. U48-43NL (Horizontal)

 2. Ford
 2. UVB43-42NL (Vertical)

WATER CATEGORY 3 OF 7: PIPE MATERIAL

DI/CI- cement lined (4"- 12"= Class 350, 16"- 24"= Class 250, 30"- 64"= Class 200)

- 1. U.S Pipe
- 2.McWane
- 3. American
- 4. Clow

PVC- blue (4"- 12" AWWA C-900, DR14, DR18)

1. CertainTeed

Certalok RJIB

2. J-M Eagle

2. Eaglelok

- 3. National Pipe
- 4. Diamond Plastic
- 5. North American Pipe Co.

WATER CATEGORY 4 OF 7: PIPE FITTINGS

Fittings C153 SSB/C110 Flg (Cement or Epoxy fusion bonded)

- 1. Tyler-Union
- 2. Star
- 3. Sigma
- 4. U.S. Pipe
- 5. American

Joint Restraints (Ductile iron pipe)

- 1. EBAA
- 2. Tyler- Union
- 3. Ford
- 4. Star

- 1. Mega lug series 1100, 1700, 3800
- 2. Tuf Grip series 2000, 3000
- 3. Series 1300, 1400
- 4. Star Grip series 3000, 4000

Joint Restraints (PVC pipe)

- 1. EBAA
- 2. Tyler- Union
- 3. Ford
- 4. Star

- 1. Mega lug series 1500, 1600, 3800
 - 2. Tuf Grip series 2000, 3000
- 3. Series 1300, 1400
- 4. Star Grip series 3000, 4000

Tapping sleeves (Ductile iron pipe)

- 1. Smith Blair
- 2. JCM
- 3. Mueller

- 1. Series 662, 665
- 2. Series 412, 422, 432
- 3. Series H-304 S/S

Tapping sleeves (PVC)

- 1. Smith Blair
- 2. JCM

- 1. Series 662, 665 2. Series 412, 422, 432
- 3. Mueller 3. Series I
 - 3. Series H-304 S/S

WATER CATEGORY 4 OF 7: PIPE FITTINGS- Continued

Tapping sleeves (A/C pipe)

1. Smith Blair1. Series 662, 6652. JCM2. Series 412, 422, 432

Tapping sleeves (Mechanical joint)

1. Clow 1. Series F-5205, F-5207

2. US pipe 2. Series T-9

3. Mueller 3. Series H-615, H-616, H-619

4. American Flow Contral 4. Series 2800

Tapping sleeves (HDPE)

1. JCM 1. Series 452

Expansion joints

- 1. EBAA
- 2. Mercer
- 3. Metraflex
- 4. Proco

WATER CATEGORY 5 OF 7: HYDRANTS

Hydrants

Clow
 Medallion
 Mueler
 Super Centurion

WATER CATEGORY 6 OF 7: BACKFLOW PREVENTION DEVICES

3/4" > 2 ½" Domestic/Water- Residential & Commercial

1. Wilkins 1. 975 XL2

3" > above Domestic/Water- Residential & Commercial

 1. Wilkins
 1. 375

 2. Wilkins
 2. 375A

3/4" > 2 ½" Irrigation- Residential & Commercial

1. Wilkins 1. 975 XL2

3" > above Irrigation- Residential & Commercial

 1. Wilkins
 1. 375

 2. Wilkins
 2. 375A

3/4" > 2" Fireline- Residential & Commercial

 1. Wilkins
 1. 950 XLT2

 2. Watts
 2. LF719

 3. Wilkins
 3. 950 XLTDA2

WATER CATEGORY 6 OF 7: BACKFLOW PREVENTION DEVICES-Continued

2 1/2" > above Fireline- Residential & Commercial

 1. Wilkins
 1. 350 DA

 2. Wilkins
 2. 350 ADA

 3. Ames
 3. 3000 SS

 4. Watts
 4. 774 DCDALF

 5. Watts (8"> 10" only)
 5. 757 DCDA

WATER CATEGORY 7 OF 7: MISCELLANEOUS ITEMS

Casing spacers (all sizes) stainless steel w/vinyl runners

Advance Products
 Cascade
 Power Seal
 GPT Industries
 Series SSI
 Series CCS
 Model 4810
 Ranger II

5. CCI Pipe 5. Model CSS-8, CSS-12

Vault frame and cover for air release valves

 1. US Foundry
 1. USF 7665-HH

 2. Water Plus
 2. #30, #40

Primer paint: Aerial pipe, fittings & valves

1. Color Wheel1. 635 Primer red2. Glidden2. Alkyd metal primer3. Porter/Int'l3. 286 U-primer4. Tnemec4. 37H-77 Chem-primer

Finish paint: Aerial pipe, fittings & valves

1. Color Wheel1. 600 Alkyd enamel2. Glidden2. Alkyd Ind. Enamel3. Porter/Int'l3. 2749 Alkyd gloss4. Tnemec4. Tnemec 2H gloss

Tracing wire

Copperhead
 Regency Wire & Cable
 UF-TWU 10 ga.

Tracing wire test stations

1. LD-14, RB-14, CD-14

WASTEWATER CATEGORY 1 OF 6: VALVES AND ACCESSORIES

Air Release Valves (epoxy lined)

 1. Dezurik
 1. 400, 450

 2. ARI
 2. S-020, S-022

 3. GA Industries
 3. Durovent SS

4. Val-Matic 4. VM-48S-M, VM-49S-M

Air Release Valves/ Vacuum Relief Valves (epoxy lined)

 1. Dezurik
 1. 445

 2. ARI
 2. ARI-D-020

 3. GA Industries
 3. 942

 4. Val-Matic
 4. 802 ABW

Service Saddles for Air Release Valves (epoxy lined w/stainless steel straps)

 1. Smith-Blair
 1. Series 317

 2. Mueller
 2. DE 25

 3. Ford
 3. Series FC202

 4. JCM
 4. Series 406

Check Valves-4"> larger (8 mil epoxy lined)

 1. Dezurik
 1. NR-040

 2. Clow
 2. 106

 3. Val-Matic
 3. Series 9800

4. GA Industries 4. 220

Plug Valves- MJ & Flanged (8 mil epoxy lined)

1. Dezurik 1. Series PEC

Valve Boxes w/locking Lids

1. Sigma 1. Series VB-2600

2. Tyler-Union

3. American Flow Control 3. Trench Adapter

#3. For mains equal to or greater than 16" diameter,

Or equal to or greater than 6' depth

Vault Frames and Cover for Air Relief Valves

1. US Foundry 1. USF 7665-HH-HJ

2. Water Plus 2. 30 (131632, 40 (171730)

WASTERWATER CATEGORY 2 OF 6: PIPE MATERIALS

Pipe (DI) for Valve Vaults (Class 200, 250, 300)

American DI pipe
 US DI pipe
 Griffin
 Protecto 401
 Protecto 401
 Sewper Coat

WASTEWATER CATEGORY 2 OF 6: PIPE MATERIALS (Continued)

Pipe (PVC) for Force Mains AWWA C900, C905, DR25 (Green)

- 1. Certainteed (DR18 restraint pipe)
- 2. J-M Eagle (DR18 restraint pipe)
- 3. National Pipe
- 4. Diamond Plastics

Pipe (PVC) for Gravity SDR35 (Green)

- 1. National Plastics
- 2. J-M Eagle
- 3. Diamond Plastics
- 4. Certaineed

WASTEWATER CATEGORY 3 OF 6: PIPE FITTINGS

Fittings-DI (epoxy lined)

- 1. Tyler-Union
- 2. US Pipe
- 3. Sigma
- 4. Star
- 5. Griffin

Fittings -PVC

- 1. Multi/Ipex
- 2. Harco
- 3. Fernco

Restrained Joints-DI

- 1. EBAA
- 2. Tyler-Union
- 3. Ford
- 4. Star
- 5. Sigma

Restrained Joints-PVC

- 1. EBAA
- 2. Tyler-Union
- 3. Ford
- 4. Star
- 5. Sigma

Expansion Joints

- 1. Mercer
- 2. Metraflex
- 3. EBAA
- 4. Fernco
- 5. Proco

WASTEWATER CATEGORY 4 OF 6: MANHOLES AND ACCESSORIES

Manholes (Precast)

- 1. Allied Precast
- 2. Atlantic Precast
- 3. Dura Stress
- 4. Mack Precast
- 5. Standard Precast
- 6. Hanson Pipe & Prod.
- 7. Oldcastle Precast
- 8. Delzotto Precast

Manhole frame and covers

- 1. US Foundry
- 2. East Jordan Iron Works

Manhole jointing material

- 1. K.T. Synder Co, Inc.
- 2. Conseal
- 3. NPC

Pipe seals, manhole- gravity < 12"

- 1. Atlantic Concrete
- 2. NPC

Pipe seals, manhole-gravity 12" or greater

1. Atlantic Concrete

Pipe seals, force mains- wetwells and valve box

1. Link Seal

Manhole encapsulation

1. CANUSA 1. Wrapid Seal/ Srapid Tape

Manhole surface coatings- exterior

1. Carboline 1. Bitumastic 300M

2. Conseal 2. CS-55

Manhole surface coatings-interior

Sauereisen
 Aquata Poxy
 Aquata Poxy

3. Quadex 3. Alumina liner

THO DOC

4. THO ROC5. Lafarge Aluminates6. Sewpercoat7. Sewpercoat

6. CCI Spectrum Inc. 6. Spectrshield

WASTEWATER CATEGORY 5 OF 6: WASTEWATER PUMP STATIONS MATERIALS AND ACCESSORIES

Generators

1. Onan (Cummins)

Generator transfer switch

- 1. Onan
- 2. Square D

Flow meters

1. Siemens-Sitrans

1. FM Mac 5100W

Submersible Pumps w/enclosed impellers

1. Flyght

Wetwell and valve vault access frame and covers

- 1. Halliday Products
- 2. US Foundry

Control panels

1. Sta-Con, Inc.

Alarm horn (AH)

1. Wheelock (w/Back box WBBR)

Alarm light (AL)

1. Federal signal

2. LP3M-120R (strobe)

Control circuit breaker

1. Square D

Supplemental protector breaker (3 pole)

1. Square D

Control circuit transformer

1. Square D

Duplex receptacle/GFI (DR)

- 1. Square D
- 2. Hubble

Emergency circuit breaker (ECB)

1. Square D

Enclosure

- 1. Hoffman
- 2. Hubbell

WASTEWATER CATEGORY 5 OF 6: WASTERWATER PUMP STATION MATERIALS AND ACCESSORIES- Continued

<u>Fuses</u>

- 1. Bussman
- 2. Gould-Shawmut

Float regulator (FR)

1. Roto-float

Pressure transducer- 0 -15 psi range

1. Blue Ribbon Ind.

Generator receptacle (GR)

 1. Pyle National
 1. JRE-4100 (230V, 100A, 3P, 4W)

 2. Leviton
 2. 4100B7W (480V, 100A, 3A, 4W)

Hand- auto- off- selector (HOA)

1. Square D 1. 9001-SKS

Horn silence button (HSS)

1. Square D 1. 9001-SKR-IU

Main service disconnect breaker

1. Square D

Main circuit breaker (MCB)

1. Square D 1. 500SV43F

Main circuit transformer (MCT)

1. Square D 1. 500SV43F

Motor circuit breaker (MB)

1. Square D

Motor starter (MS)

1. Square D

Overload heater (OL)

1. Square D

Phase monitor (PM)

- 1. MPE
- 2. Diversified

Pump automatic alternator (PAA)

- 1. MPE
- 2. Diversified

WASTEWATER CATEGORY 5 OF 6: WASTEWATER PUMP STATION MATERIALS AND ACCESSORIES-Continued

Relay (R)

- 1. Porter Brumfield
- 2. Eagle Signal

Run Indicator (RL)

- 1. Dialco
- 2. LC & D

5. APT

Surge Protector

(UL1449-2nd Edition listed and labeled), (Nema LS-1 and OEEE C62.41 tested) with Nema 4X enclosure, Internal fusing, voltage and phase to match service, rated 80,000 amps per mode (Min. 10 year warranty)

5. S50A240V3H

Innovative Technologies
 Surge Suppressors, Inc.
 Current Technology/Josyln
 Intermatic
 PTE 160 series
 LSE series
 ST 160 series
 Intermatic

Terminal Strips (TS)

Square D 1. 9070GR6, 9080-GR6

Radio telemetry & associated equipment

1. Data Flow Services