

## APPENDIX B

### APPROVED PRODUCTS LIST FOR WATER MAIN MATERIALS

Product shall be chosen from the list below or be domestic made. Alternate materials subject to Kannapolis Engineering department review and approval.

#### Pipe

2" – 4" PVC, SDR 13.5, Class 315

6" – 12" PVC, C-900, DR 14, Class 200

3" – 12" DIP, Class 350

16" DIP +, Class 250

¾" – 2" Water Service, Type K Copper

#### Saddles

2" pipe

- Ford S-70 Hinged
- McDonald 3891
- Mueller 13000 series

6" pipe and larger

- Mueller DR2S
- Ford FCD202
- Romac 202NS
- McDonald 4855A

#### Tapping Sleeves

New Branch line equal diameter as existing main

- Mueller H-615
- American Flow Control Series 2800

New Branch line smaller than existing main.

- Mueller H-304
- Romac SST

#### Corporation Stop

- Mueller B-25008N
- Ford FB1000-XX-Q-NL
- McDonald 74701BQ

#### 1" Tee

- Mueller H-15381N
- Ford T444-XXX-Q-NL
- McDonald 74760Q

#### 1" Ball Valve

- Mueller B-25209N
- Ford B44-XXXW-Q-NL
- McDonald 76100WQ

#### Reducer

- Mueller H-15403N
- Ford C44-XX-Q-NL
- McDonald 74758Q

## Meter Stop

- Mueller B-24273N
- Ford BA94-XXXW-Q-NL
- McDonald 74642BYQWW

## Expansion Handwheel

- Mueller H-14234
- McDonald 714-2EHG
- McDonald 714-4EHG
- Ford ECL-XX-NL

## Yoke

- Mueller H-5020
- Ford Y502
- McDonald 14-2
- Mueller H-5040
- Ford Y504

## Straight Check Valve

- Mueller H-14247N
- Ford HS91-XXX-NL
- McDonald 711-3

## 1.5" - 2" Coppersetter

- Ford 70 Series
- Mueller B-2423-2N

## Valve Boxes

- Tyler Union 6855 Slip Type Domestic
- East Jordan 8555 Slip Type Domestic

## Water Meter Box

TriCast 1118 Kannapolis with locking lid

- 3/4" – 1" meters

2'x3'x31" concrete meter box & lid

- 1-1/2" — 2" meters

84"x72"x72" concrete meter box

- 3" - 4" meter
- Bilco JD-AL H-20 aluminum Double Leaf Access Door
- Halliday Products Series H2C

84"x96"x72" concrete meter box

- 6" meter
- Bilco JD-AL H20 - aluminum Double Leaf Access Door
- Halliday Products Series H2C

## Irrigation Box

Southeastern MB-9 with Cast Iron Lid

## Meters

All meter sizes should supply the V4 TTL.

- 3/4" – Hersey 420 PD Bronze Body Meter 5/8" x 3/4" with NICOR connector and MI. Node 6 AMI module with NICOR Connector
- 1" - Hersey 452 PD meter with NICOR connector and MI. Node 6 AMI module with NICOR Connector
- 1-1/2" - Hersey 562 Bronze body meter with NICOR connector and MI. Node 6 AMI module with NICOR Connector or Kamstrup 3200 SS body with NICOR connector and MI. Node 6 AMI module with NICOR Connector
- 2" - Hersey 572 Bronze body meter with NICOR connector and MI. Node 6 AMI module with NICOR Connector or Kamstrup 3200 SS body with NICOR connector and MI. Node 6 AMI module with NICOR Connector
- 3" - Hersey MVR350 Magnetic Vertical Turbine Meter with NICOR connector and MI Node 6 AMI module with NICOR connector or Kamstrup 3200 SS body with NICOR connector and MI. Node 6 AMI module with NICOR Connector
- 4' - Hersey MVR650 Magnetic Vertical Turbine Meter with NICOR connector and MI Node 6 AMI module with NICOR connector or Kamstrup 3200 SS body with NICOR connector and MI. Node 6 AMI module with NICOR Connector
- 6" - Hersey MVR1300 Magnetic Vertical Turbine Meter with NICOR connector and MI Node 6 AMI module with NICOR connector or Kamstrup 4200 SS body with NICOR connector and MI. Node 6 AMI module with NICOR Connector

## Fire Hydrants

- Mueller — Super Centurion 200
- American Darling — 5-1/4" B-84-B-5
- Clow — Medallion F-2545
- American Darling — 6' B-84-B-5

## Resilient Seated Gate Valves

- Mueller — A-2362 RWGV
- Clow — C-509
- Kennedy — C-509
- American Flow Control — Series 2500

## 3/4"- 2" Reduced Pressure Principle Assembly (RP)

- Zurn Wilkins 975XL2
- Zurn Wilkins 375XL
- Annes LF4000B
- Conbraco 4ALF-200
- Febco LF860
- Hersey FRP 2
- Watts LF009

## 3"-10" Reduced Pressure Detector Assembly (RPDA)

- Zurn Wilkins 375DA / 375AST
- Zurn Wilkins 475DA
- Annes SOOOS
- Conbraco 4ANLF-700LBF
- Febco LF866
- Febco LF866V
- Hersey 6CM
- Watts 909RPDA

## 3/4"-2" Double Check Valve Assembly (DCVA)

- Zurn Wilkins 950XL
- Ames LF2000B

- Conbraco 4ALF-100
- Febco LF850
- Hersey FDC
- Watts LF007

### 3"-10" Double Check Detector Assembly (DCDA)

- Zurn Wilkins 450DA / 450STDA
- Zurn Wilkins 350DA / 350ASTDA
- Ames 3000SS
- Conbraco 4ALF-600 LBF (3"-8")
- Conbraco 4S-600 (10")
- Febco LF856
- Febco LF876V
- Hersey DDC2
- Watts 709DCDA

### Hot Boxes

- BF Products 232-APD
- BF Products 322-APD
- BF Products 56N-APD
- BF Products 65-APD
- BF Products 78 APD
- BF Products 98 APD

### Air Release Valves

- APCO 200A
- GA Industries Series 920
- Miltiplex Crispin PL series

### Combination Air and Vacuum Valve

- APCO 140C
- Miltiplex Crispin UniversalAir Release Valves UL series

### Wedge Action Retainer Glands

Approved for 350-psi through 12" and 250-psi through 48". UL/FM approved through 12". All retainer glands shall be epoxy coated or polyester powder coated.

- EBAA – Mega-Lug
- Romac – RomaGrip
- Tyler Union – TUFGrip TLD

### Wide Range Restrained Fitting

Approved for 350-psi through 12". Coupling/End Cap/Flanged Coupling

- Romac - ALPHA

Approved for 350-psi through 16". Coupling/End Cap/Flanged Coupling

- Krausz USA – Hymax Grip

### Sampling Stations

Approved for 200 psi. All piping shall be stainless steel.

- Kupferle – Eclipse #88-SS

## Transition Coupling

Approved for 250 psi. AWWA C219 NSF 61  
Utilize stainless steel fasteners.

Connections between AC and PVC or DIP shall use:

- Romac – Macro HP
- Ford – FC2W

Connections between PVC or DIP shall use:

- Romac – Macro HP
- Ford – FC2W

Approved for 250 psi. AWWA C219 NSF 61  
Utilize stainless steel fasteners.

- Romac – XR-501 or Macro HP or ALPHA (ALPHA connections between Cast Iron, PVC or DIP only)
- Ford – FC2W