

SOUTH ADAMS COUNTY WATER & SANITATION DISTRICT

APPROVED CONSTRUCTION MATERIALS LIST

January 27, 2017

The manufacturers and materials listed in this document are to be explicitly used on all potable water, irrigation and sewer utility construction within the South Adams County Water and Sanitation District boundaries. No exceptions to this list will be made for any individual, developer, contractor, or development. The District may update the document periodically as necessary if any new additions or deletions of materials are decided to be made by the District.

The District will consider adding water and sewer products or materials to the list upon request by a manufacturer or sales representative. Requests will not be accepted from individuals, developers, or contractors. In order for a product or material to be considered, the manufacturer or sales representative must submit a written request to the District's Distribution and Collection Systems Manager, and upon request of the District, may also be required to provide to the District a sample of the product or material.

The District will review each request to determine if a product or material meets the requirements set forth in the District's Design Standards and all relevant industry standards. The District will base its review primarily on previous experience and knowledge, and possibly from input of other individuals or entities in the water and sewer industry whose relevant expertise may be sought by the District.

The District may elect to put a sample into use in its system to help make the determination of whether a product or material functions satisfactorily for its intended purpose. In this event, the manufacturer or sales representative shall provide to the District all necessary parts and materials to make the installation into the system. The District reserves the right to be reimbursed fully for all labor and equipment required by District staff to make the installation into the system and any other relevant costs that may be necessary in the evaluation process.

The District will attempt to review each request in an expeditious fashion and to make a determination on the request as quickly as possible. However, it should be expected that the review process may take a considerable amount of time, possibly up to one year or more if a product or material is put into operation in the District's system for evaluation.

Once the District has made a determination on a product/material request, the Distribution and Collection Systems Manager will send a written response to the manufacturer or sales representative describing the evaluation and presenting the decision of whether or not to add the product/material to the Approved Construction Materials List.

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SECTION NO.	DESCRIPTION
5.3.2.1.a	Ductile Iron Water Pipe (Potable and Irrigation) <ul style="list-style-type: none">*American Cast Iron Pipe Co. - Fastite*Griffin Pipe Products Co.*Pacific States Cast Iron Pipe Co.*United States Pipe and Foundry Co. - Tyton Joint
5.3.2.1.b	PVC Water Pipe (Potable and Irrigation) <ul style="list-style-type: none">*Certainteed - Certa_Lok*Diamond Plastic Corp.*IPEX - Blue Brute*JM Eagle*North American Pipe Corp.*Vinyltech*Cresline
5.3.2.3	Ductile Iron Fittings <ul style="list-style-type: none">*Griffin Pipe Products Co.*Star Pipe Products*Tyler Pipe Industries*Union Foundry Co.*United States Pipe and Foundry Co.*SIP Industries (3"-24")
5.3.2.3	PVC Fittings (High Deflection Couplings) <ul style="list-style-type: none">*Certainteed - Fluid-Tite
5.3.2.5.b	Butterfly Valves <ul style="list-style-type: none">*Dezurik BAW Style*Mueller Linesal III*Pratt Groundhog*Valmatic American BFV

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5.3.2.5.c

Gate Valves

- *American Cast Iron Pipe Co. - Waterous Series 2500
- *Mueller A-2361 Series
- *United States Pipe and Foundry Co. MetroSeal 250

5.3.2.5.d

Combination Air Valves

- *ARI Model D-040

5.3.2.5.e

Potable Valve Boxes

- *Castings, Inc. 6850 Series
- *East Jordan Ironworks 8550 Series
- *Star Pipe Products VB-0002 – 35B
- *Tyler/Union 6850 Series

5.3.2.5.f

Irrigation Valve Boxes

- *Castings, Inc.

Curb Stop Boxes

- *Castings, Inc. 6500 Series Screw Type
- *A.Y. McDonald 5700 Series Screw Type

5.3.2.6

Fire Hydrants

- *American Flow Control Waterous Pacer
- *Mueller Super Centurion 250

5.3.2.7

Flushing Hydrants

- *Mueller Super Centurion 200 - A-422 w/Weather Shield (Part #143112) & Wrench

5.3.2.8

Manhole and Vault Materials

- *Oldcastle Precast
- *Vaughn Concrete Products
- *Colorado Precast Concrete
- *Copeland Enterprises, Inc.
- *Forterra Precast Concepts, LLC

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5.3.2.9.c(2)

Mechanical Joint DIP (Wedge Style)

- *EBAA Iron Megalug 1100 Series
- *Star Pipe Products StarGrip Series 3000
- *Uni-Flange Series 1400

5.3.2.9.c(3)

PVC Push-on Joint and with Mechanical Joint Fittings

- *EBAA Iron Megalug 2000PV Series
- *Star Pipe Products StarGrip Series 4000
- *EBAA Iron Megalug 1500 Series
- *EBAA Iron Megalug 1600 Series
- *Uni-Flange Series 1390
- *Star Pipe Products StarGrip Series 1100

5.3.2.9.c(4)

DIP Push-on Joint (Wedge Style)

- *EBAA Iron Megalug 1700 Series
- * Star Pipe Products StarGrip Series 3100P

5.3.2.9.c(5)

DIP Push-on Joint (Boltless Style)

- *American Cast Iron Pipe Co. Flex Ring and Lok-Ring
- *Griffin Pipe Co. SNAP-LOK
- *U.S. Pipe TR FLEX

5.3.2.10

Pipe Service Saddles

- *Ford Style 202BS
- *Ford Style FS202
- *Mueller BR2B
- *Mueller BR2S
- *PowerSeal 3409
- *PowerSeal 3417DI
- *A.Y. McDonald Model 3845
- *A.Y. McDonald Model 3855
- *JCM 432 All Stainless Steel Tapping Sleeve
- *JCM 406 Coated Double Strap Service Saddle
- *JCM 161 All Stainless Steel Repair Clamp

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*JCM 241 Optimum Range Coupling

*JCM 502 Stainless Steel Service Saddle

5.3.2.11.c Potable Service Lines

*IPEX Q-Line - Blue (3/4" and 1")

*Poly Service Material Class 200 CTS (1 1/2" and 2")

- J.M. Eagle Core

- ADS Poly Flex

5.3.2.11.d Irrigation Service Lines

*IPEX Q-Line - Purple (3/4" and 1")

*Poly Service Material Class 200 CTS (1 1/2" and 2")

- J.M. Eagle Core

- ADS Poly Flex

5.3.2.12.b 3" and Larger Meters

Compound Meters

*Neptune TRU/FLO

Turbine Meters

*Neptune High Performance

Radio Read Device

*Neptune R900

5.3.2.13 Copper Meter Setters

Potable

*730D209WZJJ 33 X 456 X 477 – 5/8" X 3/4" Domestic Meter Setter, 9" Height

*730D212WZJJ 33 X 456 X 477 – 5/8" X 3/4" Domestic Meter Setter, 12" Height

*730D215WZJJ 33 X 456 X 477 – 5/8" X 3/4" Domestic Meter Setter, 15" Height

*730D218WZJJ 33 X 456 X 477 – 5/8" X 3/4" Domestic Meter Setter, 18" Height
(3/4" Curb Stop is Integrally mounted to the meter setter)

*730D309WZJJ 33 X 456 X 477 – 3/4" Domestic Meter Setter, 9" Height

*730D312WZJJ 33 X 456 X 477 – 3/4" Domestic Meter Setter, 12" Height

*730D315WZJJ 33 X 456 X 477 – 3/4" Domestic Meter Setter, 15" Height

*730D318WZJJ 33 X 456 X 477 – 3/4" Domestic Meter Setter, 18" Height
(3/4" Curb Stop is Integrally mounted to the meter setter)

*730-412 – QZMJ 44 X 456 with 76102K – 1" Domestic Meter Setter, 12" Height/1" Curb Stop

*730-415 – QZMJ 44 X 456 with 76102K – 1" Domestic Meter Setter, 15" Height/1" Curb Stop

*730-418 – QZMJ 44 X 456 with 76102K – 1" Domestic Meter Setter, 18" Height/1" Curb Stop

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*730-421 – QZMJ 44 X 456 with 76102K – 1" Domestic Meter Setter, 21" Height/1" Curb Stop (1" Curb Stop, 76102K is NOT integrally mounted to the meter setter. Ordered separately)

*A.Y. McDonald 720B615WWFF 666 (1-1/2")

*A.Y. McDonald 720B715WWFF 777 (2")

*Ford 80 Series (5/8" through 1") - with use of A.Y. McDonald Q-Line adaptors

*Ford 70 Series (1-1/2" and 2")

*Mueller Series H-1423 or B-2423 (1-1/2" and 2")

Irrigation

*739D209WDJJ 33 X 456 X 477 – 5/8" X 3/4" Irrigation Meter Setter, 9" Height

*739D212WDJJ 33 X 456 X 477 – 5/8" X 3/4" Irrigation Meter Setter, 12" Height

*739D215WDJJ 33 X 456 X 477 – 5/8" X 3/4" Irrigation Meter Setter, 15" Height

*739D218WDJJ 33 X 456 X 477 – 5/8" X 3/4" Irrigation Meter Setter, 18" Height (3/4" Curb Stop is Integrally mounted to the meter setter)

*739D309WDJJ 33 X 456 X 477 – 3/4" Irrigation Meter Setter, 9" Height

*739D312WDJJ 33 X 456 X 477 – 3/4" Irrigation Meter Setter, 12" Height

*739D315WDJJ 33 X 456 X 477 – 3/4" Irrigation Meter Setter, 15" Height

*739D318WDJJ 33 X 456 X 477 – 3/4" Irrigation Meter Setter, 18" Height (3/4" Curb Stop is Integrally mounted to the meter setter)

*739-412WDMJ 44 X 456 with 76102K – 1" Irrigation Meter Setter, 12" Height

*739-415WDMJ 44 X 456 with 76102K – 1" Irrigation Meter Setter, 15" Height

*739-418WDMJ 44 X 456 with 76102K – 1" Irrigation Meter Setter, 18" Height

(1" Curb Stop, 76012K is NOT integrally mounted to the meter setter. Ordered separately)

*76100FDPK 3/4" Curb Stop (Mounted to the above 5/8" X 3/4" and 3/4" Meter Setters

76102K 1" Curb Stop (NOT integrally mounted to the meter setter. Ordered separately).

*A.Y. McDonald 720B615WDFF 666 (1-1/2")

*A.Y. McDonald 720B715WDFF 777 (2")

*Ford 70 Series (1-1/2" and 2")

*Mueller Series H-1423 or B-2423 (1-1/2" and 2")

5.3.2.14 (a) & (b) Water Meter Pits, Manholes and Vaults

Manholes and Vaults

*Oldcastle Precast

*Vaughn Concrete Products

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*Colorado Precast Concrete

*Copeland Enterprises, Inc. Multi-Setter Meter Vault

*Forterra Precast Concepts, LLC

Concrete Meter Pits

*Oldcastle Precast

*Colorado Precast Concrete

*Forterra Precast Concepts, LLC

Plastic Meter Pits

*Carson Industries by Oldcastle Precast - Heavy Wall Bullet Style

*DFW Plastics Model 242148HW

Meter Pit Dome, Lid and Frost Lid

*Castings, Inc.

*D&L Foundry

Manhole Ring and Cover

*Castings, Inc. – MH-400-24FPCI or equivalent

*D&L Foundry

*Neenah Foundry

Locking Manhole Ring and Cover

*Castings, Inc. - Model DIMH310 with SACWSD keyed McGuard Lock

5.3.2.18

Tracer Wire

Tracer Wire - *12 Gauge AWG Solid Copper Direct Bury

Splice Kit - *DryConn Waterproof Direct Bury Lug

5.3.2.19

Tracer Wire Test Station

*C.P. Mini Box

5.3.2.20

Air Valve Manholes

*Oldcastle Precast

*Vaughn Concrete Products

*Colorado Precast Concrete

*Copeland Enterprises, Inc. Multi-Setter Meter Vault

*Forterra Precast Concepts, LLC

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5.3.2.21 Tapping Sleeves

Stainless Steel

- *Ford FTSS
- *Mueller H304SS
- *PowerSeal 3490

Fabricated Steel

- *Ford FTSC
- *Smith Blair 622

5.3.3.1 PVC Sewer Pipe

- *JM Eagle
- *North American Pipe
- *Vinyltech/Northern Pipe Products
- *Cresline
- *Diamond Plastics

Tapping Wye (New Taps)

- *GPK Products
- *Multi Fittings
- *Plastic Trends

Tapping Saddle - Double Strap Tee Type (Replacement Taps)

- *GPK Products
- *Multi Fittings
- *Plastic Trends

Cleanouts

- *GPK Products
- *Multi Fittings
- *Plastic Trends

Miscellaneous Sewer Service Fittings

- *JM Eagle
- *GPK Products
- *Multi Fittings

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*Plastic Trends

Flexible Couplings

*Fernco

*Indiana Seal

5.3.3.3.b Manholes

*Oldcastle Precast

*Rinker

*Vaughn Concrete Products

*Colorado Precast Concrete

*Lindsay Precast, Inc. – Firebraugh Division

*Forterra Precast Concepts, LLC

5.3.3.3.f Ring and Cover

*Castings, Inc.

*D&L Foundry

*Neenah Foundry

Locking Manhole Ring and Cover

*Castings, Inc. - Model DIMH310 with SACWSD keyed McGuard Lock

5.3.3.4.b & c Grease and Sand Oil Interceptors

*Copeland Enterprises, Inc.

*Oldcastle Precast, Inc.

*Amcor Precast, Inc.

5.3.4.b Electronic Marking Systems

Ball Type

*3M Model 1403-XR (Potable)

*3M Model 1404-XR (Sewer)

*3M Model 1408-XR (Irrigation)

Full Range Type

*3M Model 1252 (Potable)

*3M Model 1248-XR/id (Irrigation)

*3M Model 1253 (Sewer)

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5.4.3.3.d(7)

Manholes for Air Release Valves

- *Oldcastle Precast
 - *Vaughn Concrete Products
 - *Colorado Precast Concrete
 - *Copeland Enterprises, Inc.
 - *Forterra Precast Concepts, LLC
-

5.4.3.3.e(2)

Manholes

- *Oldcastle Precast
 - *Vaughn Concrete Products
 - *Colorado Precast Concrete
 - *Copeland Enterprises, Inc.
 - *Forterra Precast Concepts, LLC
-

Miscellaneous Materials

Irrigation Sampling Station

- *Kupferle Foundry Mainguard 92VB

Valve Box Slip Type Risers (Maximum of 2 risers used for a total height not to exceed 3 inches)

- *Castings, Inc.
- *East Jordan Ironworks
- *Star Pipe Products
- *Tyler/Union

Corporation Stops, Curb Stops and Miscellaneous Brass Fittings as Needed

- *A.Y. McDonald

Sewer Service Backwater Valves

- *Backwater Valve Model 4963
- *Multi Fittings

Grounding Anode

- *Copperhead – ANO-14

Foster Adapter

- *InFact Corporation
 - *Star Pipe Products
-