

# **CITY OF LEE'S SUMMIT PUBLIC WORKS DEPARTMENT**

## **APPROVED PRODUCTS LIST FOR WATER UTILITIES**

This document is provided as a benefit to contractors and suppliers who are performing work in the City of Lee's Summit. The Approved Products List for Water Utilities shall not be used as a substitute for catalog cuts, certifications or shop drawings. This list is updated periodically. The products indicated on the list are approved, but are subject to final field inspection before acceptance.

Vendors wishing to add a product to the list shall submit a Water Utilities Product Evaluation Form with supporting documentation to the Public Works Engineering Department. Vendors may also submit items, at no cost to the City, for evaluation. The City may test new water and wastewater products. Once a product has been added to the approved products list, minor product changes do not require an evaluation, although the vendor shall submit specification sheets and a sample of the product for the City to inspect. During an initial review, the following will be considered:

- Does the documentation received indicate that the product will perform as stated?
- Does a true need exist for the product in Lee's Summit?
- Will the product be economically competitive?
- Will the product function properly with existing City facilities?
- Will new equipment and new skills be needed to maintain the product?

The vendor supplying the product shall provide specifications and a certification that the product meets and or exceeds City specifications before any testing is performed. Products that are not performing satisfactorily will be removed from the approved products list if the vendor cannot provide timely correction of the problem.

If a vendor is proposing a product that does not meet City specifications, an explanation of why the product meets or exceeds the current specifications must be provided by the vendor in writing. If approved, the product may be tested to determine if the product is satisfactory. If the product is satisfactory, the City will consider a revision to the applicable specifications. Products will not be added to the Approved Products List that do not meet City specifications.

Products not performing as required or not supported by vendors or manufacturers are subject to removal from the list. Grounds for removal of products may include, but are not limited to:

- Significant change in product specifications or design without notification to the City,
- Failure to correct or replace products that are defective in manufacturing or workmanship,
- Repeated patterns of malfunction of a product not adequately corrected by vendor,
- Unreasonable pricing or timing of repair parts or repair work,
- Excessive delivery times for purchases.

Changes in standard specifications may also necessitate removal of specific products from the list. The product will be retained on the list if it is revised to meet the new criteria.

## 1. WASTEWATER PRODUCTS

### CASING RUBBER END SEALS

	<b>MODEL</b>
Cascade Waterworks .....	CCES
CCI Pipeline Systems.....	ESW
PSI .....	W
(Section 3501.N.2.a)	

### CASING SPACERS

	<b>MODEL</b>
Cascade Waterworks .....	CCS (12" Width)
CCI Pipeline Systems.....	CSS12
PSI .....	S12G2
(Section 3501.N.2.a)	

### CONNECTION OF PIPES OF DISSIMILAR MATERIALS

	<b>MODEL</b>
Fernco.....	Strong Back Repair Coupling
Mission Rubber Company LLC.....	Flex-Seal Adjustable Repair Coupling
Total Piping Solutions Inc. ....	Hymax
(Section 3502.B.12)	

### EPOXY MANHOLE LINER

	<b>MODEL</b>
Citadel.....	SLS-30
Neopoxy.....	NPR-5300
Raven .....	405
(Section 3501.O.10.a)	

### JOINT SEALANT

#### **BETWEEN JOINTS**

	<b>MODEL</b>
Press-Seal .....	EZ-STIK
(Section 3501.O.4.a)	

#### **EXTERIOR OF JOINTS**

	<b>MODEL</b>
Press-Seal .....	EZ-Wrap
Sealing Systems .....	Infi-Shield Gator Wrap
(Section 3501.O.4.b.i)	

Canusa-CPS..... WrapidSeal  
(Section 3501.O.4.b.ii)

Sealing Systems Inc..... Infi-Shield Uni-Band  
(Section 3501.O.4.b.iii)

**MANHOLE CASTINGS**

<b>STANDARD 24" MANHOLE FRAME AND COVER</b>	<b>MODEL</b>
Lee's Summit Part Numbers	
Frame: LS101A	
Cover: LS101B	
Clay & Bailey.....	2007MR, 2007
EJ.....	1502
R.B. Agarwalla & Co.....	2007-01-6000
Deeter.....	1320
(Section 3501.O.9, Standard Drawing SAN-2)	

<b>BOLT-DOWN MANHOLE FRAME AND COVER</b>	<b>MODEL</b>
Lee's Summit Part Numbers	
Frame: LS102A	
Cover: LS102B	
Clay & Bailey.....	2014OR
Deeter.....	1313
(Section 3501.O.9, Standard Drawing SAN-2)	

<b>SLAB MANHOLE FRAME AND COVER</b>	<b>MODEL</b>
Lee's Summit Part Numbers	
Frame: LS103A	
Cover: LS103B	
Clay & Bailey.....	2002, 2007
Deeter.....	1332
(Section 3501.O.9, Standard Drawing SAN-3)	

<b>SLAB BOLT-DOWN MANHOLE FRAME AND COVER</b>	<b>MODEL</b>
Lee's Summit Part Numbers	
Frame: LS104A	
Cover: LS104B	
Clay & Bailey.....	KCMO R4
(Section 3501.O.9, Standard Drawing SAN-3)	

**PIPE TO MANHOLE CONNECTORS**

	<b>MODEL</b>
A-Lok.....	Premium (12" and greater)
A-Lok.....	X-CEL (less than 12")
(Sections 3501.O.1.d, 3501.O.6, Standard Drawings SAN-2, SAN-3, SAN-4, SAN-5)	
For new manholes	

	<b>MODEL</b>
Press Seal.....	PSX Direct Drive
A-Lok.....	G3
(Section 3502.B.11.b, Standard Drawing SAN-5) For existing manholes and core drilled openings through outside drop manholes.	

**POLYETHYLENE ENCASUREMENT FILM**

<b>LINEAR LOW DENSITY 8MIL AWWA C105</b>	<b>MODEL</b>
Sigma Corporation .....	8 mil Linear LDPE
AA Thread Seal Tape, Inc. .... (Section 3501.D.5)	8 mil Linear LDPE

**2. WATER PRODUCTS**

**CASING RUBBER END SEALS**

	<b>MODEL</b>
Cascade Waterworks .....	CCES
CCI Pipeline Systems.....	ESW
PSI..... (Section 3901.R.2)	Model W

**CASING SPACERS**

<b>STAINLESS STEEL</b>	<b>MODEL</b>
Cascade Waterworks .....	CCS
CCI Pipeline Systems.....	CSS12
PSI..... (Section 3901.R.2)	S12G2

**FIRE HYDRANTS**

	<b>MODEL</b>
American AVK.....	Series 2700
Clow .....	Medallion
Kennedy.....	Guardian K-81D
Mueller .....	Super Centurian
Waterous..... (Section 3901.P)	Pacer (WB-67-250)

**GRATE 18" X 18"**

	<b>MODEL</b>
Clay & Bailey.....	2157BG
EJ.....	V5718
Deeter .....	3203
(Standard Drawing WAT-12)	

**MANHOLE COVERS**

<b>TRAFFIC CONDITIONS</b>	<b>MODEL</b>
Clay & Bailey.....	2002, 2007
Deeter .....	1332
(Standard Drawing WAT-12)	

<b>NON-TRAFFIC CONDITIONS</b>	<b>MODEL</b>
Bilco .....	K-1
EJ..... (Standard Drawings WAT-12)	H24242701

**FOR AIR RELEASE ASSEMBLY**

A. Y. McDonald .....	<b>MODEL</b> 74M36
Ford .....	MC-36
(Standard Drawing WAT-10)	

**POLYETHYLENE ENCASEMENT FILM**

**LINEAR LOW DENSITY 12 MIL AWWA C105**

AA Thread Seal Tape, Inc. ....	<b>MODEL</b> 12 mil Clear Linear LDPE
Trumbull Manufacturing.....	12 mil Clear Linear LDPE
(Section 3901.C.7)	

**STEPS**

M. A. Industries .....	<b>MODEL</b> PS-2-PF
American Step Co.....	ML-13-NCR
(3901.O.2.b, Standard Drawing WAT-12)	

**TAPPING SLEEVES**

**IRON BODY**

American Flow Control .....	<b>MODEL</b> Series 2800
Mueller .....	H-615
Tyler/Union.....	25U
U.S. Pipe.....	T-9
(Section 3901.M.1)	

**STAINLESS STEEL**

Cascade.....	<b>MODEL</b> Series CST-EX
Dresser .....	Style 630
Ford .....	Style FTSS
JCM .....	Model 432
Romac.....	SST-III
Smith-Blair .....	665
(Section 3901.M.2)	

**VALVES**

**AIR RELEASE**

A.R.I. ....	<b>MODEL</b> S-050
(Section 3901.L.4, Standard Drawing WAT-10)	

**BUTTERFLY**

Henry Pratt.....	<b>MODEL</b> Groundhog, Class 150B
Mueller .....	Linesal III
(Section 3901.L.2)	

**GATE**

American Flow Control .....	Series 2500
Clow .....	Resilient Wedge Gate Valve
Kennedy .....	KS-FW
M&H .....	Style 4067, NRS
Mueller .....	2360 Series
U.S. Pipe.....	A-USPO Resilient Wedge
(Section 3901.L.3)	Gate Valve

**MODEL****VALVE BOXES****CAST IRON COVERS**

Clay & Bailey.....	2194
Clay & Bailey.....	2195
(Section 3901.N.)	

**MODEL****CAST IRON VALVE BOXES**

Clay & Bailey.....	5 1/4" (Screw Type) P1108
(Section 3901.N.)	

**MODEL**