



**St Lucie County Utilities**  
**Approved Material List**  
**General**

St Lucie County Utilities  
 2300 Virginia Avenue  
 Fort Pierce, FL 34982  
 Phone: (772) 462-1150  
 Fax: (772) 462-1153

**General Products**

**Casing Spacers**

Cascade Waterworks                      Model CCS  
 BWM    Model SS-8

**Coating System (Exposed Metal)**

Tnemec	Prime Coat: Series 90-97 Intermediate Coat: Series 135 Finish Coat: Series 740	Zinc-rich primer High-build epoxy Pigmented polyurethane
Sherwin Williams	Prime Coat: Zinc Clad II Plus Intermediate Coat: Macropoxy HS Finish Coat: Hi-Solids Polyurethane	Zinc-rich primer High-build epoxy Pigmented polyurethane

**Coating System (Insulate Aluminum From Concrete and Steel)**

Tnemec	Series 46-465	Coal Tar Epoxy
Sherwin Williams	B69-40 Hi-Mil Sher Tar	Coal Tar Epoxy
Carboline	Bitumastic 300M	Coal Tar Epoxy

**Coating System (PVC in Ultraviolet Exposure and for Color Coding)**

Tnemec	Prime Coat: Series N69 Finish Coat: Series 740	High-build epoxy Pigmented polyurethane
Sherwin Williams	Prime Coat: Macropoxy HS Finish Coat: Hi-Solids Polyurethane	High-build epoxy Pigmented polyurethane

**Locating Devices (EMS Ball Marker)**

3M	EMS Ball Marker	Color coded per application
Omni Marker		Color coded per application

**Locating Devices (Reflective Pavement Marker)**

3M	Raised Pavement Markers
Hy-Viz	Raised Pavement Markers

**Pipe (Ductile Iron)**

America Ductile Iron Pipe  
 Griffin Pipe  
 US Pipe

**Pipe (HDPE)**

Performance Pipe	Driscoplex 4000	Color coded per application
JM Eagle		Color coded per application

**Pipe (PVC, C900/905)**

Open Market		Color coded per application
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**Pipe (PVC, SDR 35)**

Open Market		Color coded per application
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**Pipe Restraint (Bell, DIP)**

EBAA	Series 1700
Sigma	ONE-LOK SLCDH

**Pipe Restraint (Bell, PVC)**

EBAA	Series 1900/2800
Sigma	PV-LOK PWH/ONE-LOK SLCEH

**Pipe Restraint (Mechanical Joint, DIP)**

EBAA	Series 1100
Sigma	ONE-LOK D-SLCE

**Pipe Restraint (Mechanical Joint, PVC)**

EBAA	Series 2000PV
Sigma	ONE-LOK D-SLDE



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**Pipe Support (2" and Larger Pipe)**

FM Stainless Figure 59c

**Pressure Gauge Assembly**

WIKA Type 233.30 2.5" Dial Size, 0-100 psi  
Ashcroft Type 1008S 2.5" Dial Size, 0-100 psi

**Valve (Ball Valve, Brass)**

Apollo 70-100  
Nibco T-585-70  
Stockham T-285

**Valve (Ball Valve, PVC, True Union)**

Asahi Type 21  
Spears True Union 2000

**Valve (Butterfly)**

Dezurik EPDM Seats  
Pratt EPDM Seats  
Valmatic EPDM Seats

**Valve (Gate, Resilient Wedge)**

American Flow Control Series 2500 317 SS Bolts & Hardware  
Clow Series F-6100/6136 317 SS Bolts & Hardware  
Mueller 2360 Series 317 SS Bolts & Hardware  
Kennedy Series 7571/7068A 317 SS Bolts & Hardware

**Valve (Plug, 100% Full Port)**

Dezurik PEF 100% Full Port  
Pratt Ballcentric 100% Full Port

**Valve (Swing Check, Bronze)**

Crane Model 1707 Horizontal pattern

**Valve (Swing Check, Outside Lever and Weight)**

GA Industries Figure 220

**Valve Boxes (Adjustable, Heavy Duty Screw-Type)**

Tyler Union Model 6850  
Star VB-0002  
Sigma VBX "Heavy Duty"

**Valve Stem Extensions**

Troy Valve Stainless-steel with centering rings

**Underground Marking Tape (6" Wide, 4 mil min thickness)**

Open Market Color coded per application

**Underground Tracer Wire (Open Cut)**

Open Market #10 AWG w/ 30 mil jacket Color coded per application

**Underground Tracer Wire (Directional Drill and Jack and Bore)**

Copperhead Soloshot



**St Lucie County Utilities  
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Potable Water**

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**Potable Water Products**

**Air Valve (Combination, for Potable Water Service)**

Valmatic	201C	NSF 61 certified epoxy lining
APCO	Series 140C	NSF 61 certified epoxy lining
GA Industries	Single Body Combination Air Valve	NSF 61 certified epoxy lining

**Air Valve Enclosure**

Hydro-Guard	Safety Guard 15100	Blue w/ 316 SS frame
Water Plus	Polyethylene Enclosure 17130	Blue

**Backflow Preventer (Double Check Assembly)**

Watts	774	Stainless Steel
Zurn Wilkins	350AST	Stainless Steel

**Backflow Preventer (Reduced Pressure Zone, 3/4" - 2")**

Febco	LF860
Watts	LF009
Zurn Wilkins	975XL2U

**Backflow Preventer (Reduced Pressure Zone, 4" and up)**

Watts	994	Stainless Steel
Zurn Wilkins	375AST	Stainless Steel

**Corp Stop**

Ford	Ballcorp	Includes SS stiffeners for poly tubing connections
Mueller	300	Includes SS stiffeners for poly tubing connections

**Fire Hydrant**

Clow	Medallion
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**Flushing Hydrant**

Water Plus Corporation	VB2000B
GIL Industries	Hidden Flushing Hydrant

**Key Valve Branch Assembly**

Ford	UV43-42-WGNL
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**Meter Box (Standard Size, Non-Vehicular Traffic)**

NDS (Single Box)	Model 113BCW	Overlapping cover marked "WATER"
NDS (Double Box)	Model 117B12CW	Overlapping cover marked "WATER"

**Meter Valve**

Ford	B43	Includes SS stiffeners for poly tubing connections
Mueller	300 Ball Curb	Includes SS stiffeners for poly tubing connections

**Polyethylene Tubing (Potable Service Line)**

Endot	Endopure
Performance Pipe	Driscoplex 5100 Ultraline

**Service Saddle (Epoxy Coated w/ Stainless Steel Double Straps)**

Ford	Series FCD202	EPDM gaskets
JCM	406	EPDM gaskets
Mueller	DR2S	EPDM gaskets

**Tapping Sleeve (All Stainless Steel)**

Ford	FTSS
JCM	432
Mueller	H304

**Vacuum Breaker**

Febco	710/715
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Watts  
Zurn Wilkins

188A  
35XL



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Wastewater**

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**Wastewater Products**

**Access Box for Sanitary Sewer Cleanouts**

Josam 5868

**Air Valve (Combination, for Wastewater Service)**

Valmatic	48A/300A, VM-301A& VM-301A-M	With blowoff valve and backflush attachments
APCO	ASR/ASV	With blowoff valve and backflush attachments
GA Industries	925/935	With blowoff valve and backflush attachments

**Autodialer**

Sensaphone Model 800 Monitoring System With Polyline NEMA 4X non-metallic enclosure

**Automatic Transfer Switch**

ASCO  
Russelectric  
Zenith

**Coating System (Metal in Wetwells and Valve Vaults)**

Tnemec	Prime Coat: Series 446	Modified Aromatic Polyurethane
	Finish Coat: Series 446	Modified Aromatic Polyurethane

**Ductile Iron Pipe Lining (Ceramic Epoxy)**

Induron	Protecto 401
Tnemec	Series 431

**Flexible Pipe Connector**

Trelleborg	Kor-N-Seal	With SS bands and accessories
A-Lok	Quick-Lok	With SS bands and accessories

**Float Switches**

Anchor Scientific Roto-Float

**Inside Drop Bowl**

Reliner	Inside Drop Bowl
GU Liner Systems	Inside Drop

**Joint Sealant**

Ram-Nek RN103 With Ram-Nek Primer

**Lining (New Lift Stations)**

AGRU	Ultra Grip	4.0 mm thickness
GSE Lining Technology, Inc.	StudLiner	4.0 mm thickness
L.F. Manufacturing, Inc.	Fiberglass Wetwell Liner	Single Piece Unit

**Lining (Manholes and Lift Station Rehabs)**

Sauereisen	Sewer Guard 210	1/8" Min
Raven	405	125 mils Min
Kerneos	SewperCoat	1/2" Min

**Mini-Manhole for Cleanout**

Cleanout Ring & Cover "S" CO7610S

**Manhole Lid & Ring**

Manhole & Lid	75RCUSF227ASSWR
Name Plate	97SETUP

**Manhole Rain Guard**

Parsons Environmental Products Parson Manhole Insert V2P

**Pressure Gauge and Diaphragm Seal Assembly (Wastewater)**

WIKA	Type 233.54 and Type L990.10	0-60 psi
Ashcroft	Type 1008SL and Type 200SS	0-60 psi

**Quick Connect and Dust Cap**

OPW 633-F and 634-B 316 SS

**Submersible Non-Clog Wastewater Pumps**



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ABS  
Ebara  
Flygt

Explosion-proof  
Explosion-proof  
Explosion-proof

**Lift Station Generator Connection Receptacles**

Russellstoll DS1404MP000  
Russellstoll DF1404FRA00

Male Receptacle  
Female Receptacle

**Wetwell Access Hatch**

Halliday Series H-R



**St Lucie County Utilities  
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Reclaimed Water**

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**Reclaimed Water Products**

**Air Valve (Air/Vacuum Valve)**

Valmatic	Series 100
APCO	Series 140
GA Industries	Air & Vacuum Valve

**Air Valve Enclosure**

Hydro-Guard	Safety Guard 15100	Purple w/ 316 SS frame
Water Plus	Polyethylene Enclosure 17130	Purple

**Flow Meter (Propeller)**

Water Specialties	ML04D	With Epoxy coated flow tube w/ straightening vanes
Sparling	Model 104	With Epoxy coated flow tube w/ straightening vanes

**Hydraulically Operated Control Valve (Combination Rate of Flow & Pressure Sustaining)**

Cla-Val	Model 40-25	Gauges, Opening and Closing Speed Controllers, Stainer,
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