



**CITY OF PORT ST. LUCIE**  
**UTILITY SYSTEMS DEPARTMENT**  
 900 SE Ogden Lane  
 Port St. Lucie, FL 34983  
 (772) 873-6400 – TDD Accessible  
 (772) 873-6405 – FAX

Jesus A. Merejo, Director

**Qualified Products List (QPL)**

Project Name: \_\_\_\_\_

The following products have been found to be acceptable and/or desirable for this project. Specific product choices are noted by circling manufacturer's name, specific model number, and submitting two (2) sets for approval. Shop drawings need not be submitted for approval if the Contractor uses products on this list. Any product not on this list will require prior approval by submitting shop drawings to the City of Port St. Lucie Utility Systems Department. Shop drawings will also be required for all pumps, water meters and non-standard items, such as manholes, wet wells, other castings, and control panels.

All materials shall conform to this listing or approved shop drawings. All requests for materials or substitutions shall be approved prior to delivery to the job site.

By our signature, the Contractor agrees to adhere to the following product specifications. It is understood that the City of Port St. Lucie Utility Systems Department will reject construction not in accordance with this document.

Note: The following items will be provided to the PSLUSD prior to project acceptance.

1. One repair kit for every five (5) fire hydrants or fraction thereof.
2. One operating wrench for every ten (10) fire hydrants or fraction thereof.
3. One repair kit for every pump station.
4. One manhole hook per project with new manhole lids. (includes interceptors)
5. One valve key (minimum 5' long) per project with new valves.

Concurrence of Contractor:

\_\_\_\_\_

Print Company Name

\_\_\_\_\_

Print Authorized Officer/Owner Name

\_\_\_\_\_

Signature and Date

**CITY OF PORT ST. LUCIE UTILITY SYSTEMS DEPARTMENT  
QUALIFIED PRODUCTS LIST**

**Effective Date: 10/01/2011**

(These are the standard products approved by the PSLUSD, however, the PSLUSD reserves the right to make additions, deletions or to specify specific product use in certain situations.)

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# Potable Water Products

## ACCESS BOX AND COVER

With WATER identification on lid  
Sigma VB-2763 X

USF 7630

## AIR VALVE PEDESTAL HOUSING

Channell SPH142006C1B5L08A27

## AUTOMATIC FLUSHING DEVICE

Environmental Enhancement & Technologies USA, Inc. HG-1 Hydro Guard

## BACKFLOW PREVENTERS (Reduced Pressure Backflow Assembly)

Ames 400B (3/4" - 2") 4000ss (2 1/2" - 10")  
Golden Eagle 919 (3/4" - 2")  
Wilkins 975XL (3/4" - 2")

Febco 825Y (3/4" - 2") 825YP (2 1/2" - 10")  
Watts 909 (3/4" - 10") 919 (3/4" - 2")  
Wilkins 375 (2 1/2" - 10")

## BRONZE DISC VALVE MARKER

R/G Wrenches & Extensions

Wager Company of Florida – WAGCO Marker

## CASING SPACERS - 12" Width min.

APS - Advance Products Systems  
PSI - Pipeline Seal and Insulator

Cascade

## COMBINATION AIR VALVE (WATER) ONE-INCH (1")

(Pipe Size 6" thru 10")

Apco 143C  
G.A. Industries 945

ARI D-040

## COMBINATION AIR VALVE (WATER) TWO-INCH (2")

(Pipe Size 12" and above)

Apco 145C  
G.A. Industries 945

ARI D-040-C

## CORPORATION STOP

Ford F1101-4 (1") FB1700-7 (2")

Mueller H-15028 (1") H-10046 (2")

## DOUBLE CHECK ASSEMBLY

Ames 200B (3/4" - 2")  
Conbraco 40-100 (2 1/2" - 10")  
Watts 709 (2 1/2" - 10")  
Wilkins 950 XL (3/4" - 2")

Ames 2000ss (2 1/2" - 10")  
Febco 805YP (2 1/2" - 10")  
Wilkins 350 (2" - 10")

## DOUBLE CHECK DETECTOR ASSEMBLY

Ames 3000ss (2 1/2" - 10")  
Febco 806Y DCDA (3" - 10")  
Wilkins 350DA (2 1/2" - 12")

Conbraco 40-600 (3" - 10")  
Watts 709 DCDA (3" - 10")

## DUCTILE IRON PIPE

(Water - Cement Lined) (All flanged gaskets shall be full faced 1/8 inch Toruseal)

American  
Griffin  
Union Foundry (McWane)

Clow (McWane)  
Tyler (McWane)  
U.S. Pipe

**DUCTILE IRON FITTINGS**

(Water - Cement Lined) (All flanged gaskets shall be full faced 1/8 inch Toruseal)

American	Clow (McWane)
Griffin	Sigma
Star	Tyler (McWane)
Union Foundry (McWane)	U.S. Pipe

**ELECTRONIC MARKER BALLS WITH TIE DOWN STRAPS**

3M - Water/Blue 1403 XR	3M - Wastewater/Green 1404 XR
3M - Re-Use/Purple 1428 XR	

**FIRE HYDRANTS (5 1/4" VALVE OPENING)**

AVK Nostalgic 2780	Mueller Super Centurion A-423
Clow Medallion	American Darling B-84-B Beach Side Spec

**KEY VALVE BRANCH ASSEMBLY**

Ford UV43-42W (1" x 3/4")

**KEY ANGLE METER VALVES**

Ford BA43-342W (1" x 3/4") BA43-444W (1") BFA43-777W (2")  
Mueller H-14258 (1" x 3/4") H-14258 (1") H-14286 (2")

**LOCATE TRACER WIRE**

Open-Cut Installation

Copperhead Ind. Reinforced Tracer Wire (#12 AWG) #1230HS Blue

Directional Boring Installation

Copperhead Ind. Reinforced Tracer Wire (#12 EHS) #1245EHS Blue

**LOCATE TRACER WIRE CONNECTORS**

Copperhead Ind. DRYCONN Direct Bury Lug #CH90120

**LUBRICANT – (ANTI-SEIZE)**

Oxlic Never Seize

**MARKING TAPE**

Harris Industries – Blue – PSLUD-6BLUE

**MECHANICAL JOINT RESTRAINTS**

American Fast Gasket	EBAA - Mega Lug
Ford - Uni-Flange	U.S. Field-Lock Gasket
Star – Stargrip Series 3000, 4000	
Sigma – SLD Series (DIP), SLC Series (PVC), PVPF Series (PVC to Pressure Fittings), ZF Series (Zip Flange)	

**METER BOXES CONCRETE & PLASTIC**

Carson Plastic Box -	Single 1419	Double 1220
Carson Plastic Solid T-Cover Lid -	Single 1419-4	Double 1220-4
Brooks Concrete -	Single 36H	Double Dual-H

**PAINT FOR HYDRANTS, ABOVE GROUND APPURTANENCES, AND PIPING**

(Sherwin Williams Acrolon 218 HS Acrylic Polyurethane with Macropoxy 646 primer)  
Safety Red – SW4081 (fire hydrant) Safety Blue – SW4086 (potable water)  
Safety Yellow – SW4084 (private hydrants, bollards)  
Plumb – SW4080 (re-use)

**PAINT FOR ALL UTILITY LIDS AND COVERS FLUSH WITH GROUND**

(Sherwin Williams Zero VOC Acrylic with Pro-Cryl Universal water based primer)  
Safety Red – SW4081 (fire hydrant) Safety Blue – SW4086 (potable water)  
Safety Yellow – SW4084 (private hydrants)

**PIPE RESTRAINTS**

Star – PVC Pipe Series 1000  
EBAA – Series 1500 and 2800 Sigma - PVP Series (PVC Bell & Spigot Joint)

**PIPE SUPPORTS**

FM Stainless, LLC Stainless Steel Stanchion Saddle Support (316 SS, Fig 59a)  
Unistrut Corp., Unistrut Metal Framing (316 SS) with Vinyl End Caps

**PRESSURE TRANSDUCER**

Water Main – Ashcroft –K1-5-M02-42-P7 100 PSI, with 6’ cord

**POLYETHYLENE TUBING PE 3408 ONE-INCH (1")**

Driscoplex (Performance Pipe) Endot (Yardley)  
Polypipe, Inc Silver-Liner Plastics, Inc

**POLYETHYLENE TUBING PE 3408 (2") (DIPS/CTS)**

Driscoplex (Performance Pipe) Endot (Yardley)  
Polypipe, Inc Silver-Liner Plastics, Inc

**POLYETHYLENE TUBING PE 3408 (3" and larger) (DIPS Only)**

Driscoplex (Performance Pipe) J-M Pipe  
Polypipe, Inc

**POLY PIGS**

Pigs - Knapp Polly Pig Pig Signal Device – Maloney Pipeline Products

**PVC PIPE**

North American Pipe Diamond Plastic Corporation  
Silver Liner Plastics Inc. J-M  
National American

**REFLECTIVE PAVEMENT MARKERS**

3M PSA 295 Blue PSA 297 Green  
Ray-O-Lite AA ARC II Blue  
Hy-Viz Rough Duty Stimsonite Model 911AB Blue

**SERVICE SADDLES (Stainless Steel Straps-Epoxy Coated)**

Ford JCM  
Romac Smith Blair (Rockwell)

**TAPPING SADDLES (Ductile Iron)**

American #Series 2800  
M & H (McWane) #1174/1274  
Clow (McWane) F5205/F5207

Tyler (McWane) S-149  
Mueller H-615  
U.S. Pipe T-9

**TAPPING SADDLES (Stainless Steel)**

Cascade CST-EX  
JCM #432  
Romac SST/SST-DB

Ford – FAST  
Power Seal #3490  
Smith/Blair (Rockwell) #663

**VALVE BOX ALIGNMENT DEVICE**

Adaptor, Inc. – Valve Box Adaptor II

Adaptor, Inc. – Valve Box Adaptor II – 6” PVC

**VALVE BOXES (SCREW TYPE) - WITH LOCKING LID**

Valve Box and locking lid must be same manufacturer  
Tyler  
Star - Type HD

Sigma Thickwall – Type X

**VALVE – TRUE UNION BALL**

Ipex - VX Series with EPDM seals

**VALVE - GATE AND ANGLE - 3/4" - 3 "**

American Valve  
Kennedy (McWane)  
Nibco

AVK  
Milwaukee

**VALVE – BUTTERFLY - RESILIENT SEAT**

Clow (McWane)  
M & H (McWane)  
Pratt

Dezurik  
Mueller

**VALVES - CHECK - (Spring Loaded) (Swing Check)**

American Flow Control (2"-36")  
Clow (McWane) (2"-24")  
Mueller (2 ½"-24")

AVK (3 - 12")  
Kennedy (McWane) (2"-24")

**VALVES – GATE - RESILIENT SEAT AND RESILIENT SEAT TAPPING**

American Flow Control  
Clow (McWane)  
M & H (McWane)

AVK  
Kennedy (McWane)  
Mueller

**VALVE/TEE COMBINATION – GATE VALVE**

AVK

**WIRE PORT**

Copperhead Industries – SnakePit Roadway Box with blue top

# Wastewater Products

## ACCESS BOX AND COVER

With SEWER identification on lid  
Sigma VB-2763 X

USF 7630

## AIR VALVE PEDESTAL HOUSING

Channell SPH142006C1B5L08A27

## BRONZE DISC VALVE MARKER

R/G Wrenches & Extensions.

Wager Company of Florida – WAGCO Marker

## CASING SPACERS - 12" Width min.

APS - Advance Products Systems  
PSI - Pipeline Seal and Insulator

Cascade

## COATING (Concrete Exterior)

Pro- Tec EW-1 Water Based Epoxy

## COMBINATION AIR VALVE (WASTEWATER)

2" Regular Body

Apco 445  
G.A. Industries 942

ARI D-020  
Valmatic 802A

2" Short Body

ARI D-025

## CORPORATION STOP

Ford F1101-4 (1") FB1700-7 (2")

Mueller H-15028 (1") H-10046 (2")

## CORROSION BARRIER SYSTEM FOR MANHOLES - NEW

GU Florida, Inc., Inc.

## CORROSION BARRIER SYSTEM FOR MANHOLES - REHABILITATION

SewperCoat – ThoRoc  
LF Manf. – Fiberglass Reinforced Polyester Liner

The Strong Co. – Strong Seal

## DUCTILE IRON PIPE

(Sewer - Epoxy Lined) (All flanged gaskets shall be full faced 1/8 inch Toruseal)

American  
Griffin  
Union Foundry (McWane)

Clow (McWane)  
Tyler (McWane)  
U.S. Pipe

## DUCTILE IRON FITTINGS

(Sewer - Epoxy Lined) (All flanged gaskets shall be full faced 1/8 inch Toruseal)

American  
Griffin  
Star  
Union Foundry (McWane)

Clow (McWane)  
Sigma  
Tyler (McWane)  
U.S. Pipe

**ELASTOMERIC GASKET/ RESILIENT CONNECTORS (manholes)**

Prefabricated Pipe Boot

Press-Seal Gasket Corporation, CAST-A-SEAL® 603 Cast-In Flexible Boot Connector

Cored Holes

Press-Seal Gasket Corporation, PSX: DIRECT DRIVE

**ELECTRONIC MARKER BALLS WITH TIE DOWN STRAPS**

3M - Wastewater/Green 1404 XR

**EXTERNAL JOINT SEALING SYSTEMS**

CanUSA Wrapid Seal

Cretex Wrap

**RUBBER JOINT SEALANT (manholes & wetwells)**

Butyl Rubber Preformed Flexible Joint Sealant

Press-Seal Gasket Corporation, PRO-STICK

Henry Company, RU106-RUB' R-NEK "LTM"

**INSIDE CHIMNEY LINER**

GU Florida, Inc. – GU Convertible Collar (for GU lined manholes)

Cretex Specialty Products – T-Rex Chimney Seal (for Pamrex cover)

Cretex Specialty Products – Internal Manhole Chimney Seal (for standard ring and cover)

**LOCATE TRACER WIRE**

Open-Cut Installation

Copperhead Ind. Reinforced Tracer Wire (#12 AWG) #1230HS Green

Directional Boring Installation

Copperhead Ind. Reinforced Tracer Wire (#12 EHS) #1245EHS Green

**LOCATE TRACER WIRE CONNECTORS**

Copperhead Ind. DRYCONN Direct Bury Lug #CH90120

**LUBRICANT – (ANTI-SEIZE)**

Oxlic Never Seize

**MANHOLE COVERS – WITH LOCKING KIT**

CertainTeed Pamrex Ductile Iron Ring and Hinged Locking Cover

U.S. Foundry & Manufacturing Corporation – USF 924 & USF 926 Cast Iron Hinged Ring and Locking Cover

**MANHOLE INSIDE DROP ASSEMBLY**

GU Florida, Inc.

**MARKING TAPE**

Arthur Enterprises / Harris Industries – Green – PSLUD-6GRN

**MECHANICAL JOINT RESTRAINTS**

American Fast Gasket

EBAA - Mega Lug

Ford - Uni-Flange

U.S. Field-Lock Gasket

Star – Stargrip Series 3000, 4000

Sigma – SLD Series (DIP), SLC Series (PVC), PVPF Series (PVC to Pressure Fittings), ZF Series

(Zip Flange)

**METERS (Sewer)**

Magnetic Flow Meter – Siemens Energy & Automation

**PAINT FOR ABOVE GROUND APPURTANENCES, AND PIPING**

(Sherwin Williams Acrolon 218 HS Acrylic Polyurethane with Macropoxy 646 primer)

Safety Green – SW4085 (wastewater)

Safety Yellow – SW4084 (bollards)

**PAINT FOR ALL UTILITY LIDS AND COVERS FLUSH WITH GROUND**

(Sherwin Williams Zero VOC Acrylic with Pro-Cryl Universal water based primer)

Safety Green – SW4085 (wastewater)

**PIPE RESTRAINTS**

Star – PVC Pipe Series 1000

EBAA – Series 1500 and 2800

Sigma - PVP Series (PVC Bell & Spigot Joint)

**PIPE SUPPORTS**

FM Stainless, LLC Stainless Steel Stanchion Saddle Support (316 SS, Fig 59a)

**PRESSURE TRANSDUCER**

Force Main – Ashcroft - K1-5-M02-42-P7 60 PSI, with 6' cord

**POLY PIGS**

Pigs - Knapp Polly Pig

Pig Signal Device – Maloney Pipeline Products

**POLYETHYLENE TUBING PE 3408 (2") (DIPS/CTS)**

Driscoplex (Performance Pipe)

Polypipe, Inc

Endot (Yardley)

Silver-Liner Plastics, Inc.

**POLYETHYLENE TUBING PE 3408 (3" and larger) (DIPS Only)**

Driscoplex (Performance Pipe)

Polypipe, Inc

J-M Pipe

**PVC PIPE**

North American Pipe

Silver Liner Plastics Inc.

National American

Diamond Plastic Corporation

J-M

**PVC SEWER FITTINGS**

Harco

Multi Fittings

Plastic Trends

**REFLECTIVE PAVEMENT MARKERS**

3M PSA 297 Green

Hy-Viz

Ray-O-Lite AA ARC II Green

Rough Duty Stimsonite Model 911AG Green

**SERVICE SADDLES (Stainless Steel Straps-Epoxy Coated Saddle)**

Ford

Romac

JCM

Smith Blair (Rockwell)

**TAPPING SLEEVE (Stainless Steel)**

Cascade CST-EX

JCM #432

Romac SST

Ford – FAST

Power Seal #3490

Smith/Blair (Rockwell) #663

**VALVE BOX ALIGNMENT DEVICE**

Adaptor, Inc. – Valve Box Adaptor II

Adaptor, Inc. – Valve Box Adaptor II – 6" PVC

**VALVE BOXES (SCREW TYPE) - WITH LOCKING LID**

Valve Box and locking lid must be same manufacturer

Tyler

Star - Type HD

Sigma Thickwall – Type X

**VALVE – TRUE UNION BALL**

Ipex - VX Series with EPDM seals

**VALVE - GATE AND ANGLE - 3/4" - 3 "**

American Valve

Kennedy (McWane)

Nibco

AVK

Milwaukee

**VALVES – GATE - RESILIENT SEAT AND RESILIENT SEAT TAPPING**

American Flow Control

Clow (McWane)

M & H (McWane)

AVK

Kennedy (McWane)

Mueller

**VALVE/TEE COMBINATION – GATE VALVE**

AVK

**VALVES – PLUG**

Clow (McWane)

Homestead

Milliken

Dezurik

Kennedy (McWane)

Pratt

**WIRE PORT**

Copperhead Industries – SnakePit Roadway Box with green top

## Reclaimed Water Products

### ACCESS BOX AND COVER

With Reclaimed Water identification on lid

Sigma VB-2763 X

USF 7630

### BRONZE DISC VALVE MARKER

R/G Wrenches & Extensions.

Wager Company of Florida – WAGCO Marker

### CASING SPACERS - 12" Width min.

APS - Advance Products Systems

PSI - Pipeline Seal and Insulator

Cascade

### DUCTILE IRON PIPE

(Water - Cement Lined) (All flanged gaskets shall be full faced 1/8 inch Toruseal)

American

Clow (McWane)

Griffin

Tyler (McWane)

Union Foundry (McWane)

U.S. Pipe

### DUCTILE IRON FITTINGS

(Water - Cement Lined) (All flanged gaskets shall be full faced 1/8 inch Toruseal)

American

Clow (McWane)

Griffin

Sigma

Star

Tyler (McWane)

Union Foundry (McWane)

U.S. Pipe

### ELECTRONIC MARKER BALLS WITH TIE DOWN STRAPS

3M – Re-Use/Purple 1428 XR

### LOCATE TRACER WIRE

Open-Cut Installation

Copperhead Ind. Reinforced Tracer Wire (#12 AWG) #1230HS Purple

Directional Boring Installation

Copperhead Ind. Reinforced Tracer Wire (#12 EHS) #1245EHS Purple

### LOCATE TRACER WIRE CONNECTORS

Copperhead Ind. DRYCONN Direct Bury Lug #CH90120

### LUBRICANT – (ANTI-SEIZE)

Oxlic Never Seize

### MARKING TAPE

Harris Industries – Purple – UT-PSLUD-6PURP

### MECHANICAL JOINT RESTRAINTS

American Fast Gasket

EBAA - Mega Lug

Ford - Uni-Flange

U.S. Field-Lock Gasket

Star – Stargrip Series 3000, 4000

Sigma – SLD Series (DIP), SLC Series (PVC), PVPF Series (PVC to Pressure Fittings), ZF Series (Zip Flange)

**PAINT FOR ABOVE GROUND APPURTANENCES, AND PIPING**

(Sherwin Williams Acrolon 218 HS Acrylic Polyurethane with Macropoxy 646 primer)  
Plumb – SW4080 (re-use)

**PAINT FOR ALL UTILITY LIDS AND COVERS FLUSH WITH GROUND**

(Sherwin Williams Zero VOC Acrylic with Pro-Cryl Universal water based primer)  
Plumb – SW4080 (re-use)

**PIPE RESTRAINTS**

Star – PVC Pipe Series 1000  
EBAA – Series 1500 and 2800  
Sigma - PVP Series (PVC Bell & Spigot Joint)

**PIPE SUPPORTS**

FM Stainless, LLC Stainless Steel Stanchion Saddle Support (316 SS, Fig 59a)

**POLY PIGS**

Pigs - Knapp Polly Pig  
Pig Signal Device – Maloney Pipeline Products

**PVC PIPE**

North American Pipe  
Silver Liner Plastics Inc.  
National American  
Diamond Plastic Corporation  
J-M

**REFLECTIVE PAVEMENT MARKERS**

Hy-Viz Standard Duty Stimsonite Model 88AW Purple

**RECLAIMED WATER METER STATIONS**

Instrumentation/Systems Integrator – Curry Controls Company  
Flow Meters – Water Specialties ML04, with SS Trim & Gears, Flow Transmitter to have 4-20 mA analog output TR16 transmitter  
Pressure Transmitters – Druck, ABB, Rosemount, with 1-100 psi range  
Electric/Hydraulic Control Valve – Clay Val 131-01 / 621-11, with features BEYKC and X1170 VLV position transmitter with solenoid shut-off feature.  
Software – Proworx Nxt Online Offline Client  
Enclosure – Hoffman, Electromate  
Corrosion Inhibitor – Zerust, Hoffman, Eaton  
Breakers – Square D  
Pilot Lights, Selector Switches, Pushbuttons – Square D Type K  
Terminal Blocks – Entrlec, Panduit, Square D  
Surge Protection – Edco, Ditek, Square D  
PLC – Modicon Quantum, Micro 612-000 with expansion rack  
Control Relays – AA Electric, Square D, Diversified  
DC/DC Converter – Xenotronics  
Batteries – Power Sonics, Yuasa, Werker (12V, 7.5 AH)  
Fiber Optic/Ethernet Swith – IFS Ethernav D7600-ss-x  
Fiber Optic Patch Panel – Corning, Anixter  
Fiber Optic/Modbus Converter – Lantronix XSDRSN-01 SPRESS-DR  
Level Transmitter – HydroRanger 200, Echomax XPS-5 Transducer  
Digital Panel Display – Red Lion, Precision Digital

**RUBBER JOINT SEALANT (manholes & wetwells)**

Butyl Rubber Preformed Flexible Joint Sealant  
Press-Seal Gasket Corporation, PRO-STICK  
Henry Company, RU106-RUB' R-NEK "LTM"

**VALVE BOX ALIGNMENT DEVICE**

Adaptor, Inc. – Valve Box Adaptor II

Adaptor, Inc. – Valve Box Adaptor II – 6" PVC

**VALVE BOXES (SCREW TYPE) - WITH LOCKING LID**

Valve Box and locking lid must be same manufacturer

Tyler  
Star - Type HD

Sigma Thickwall – Type X

**VALVE - GATE AND ANGLE - 3/4" - 3 "**

American Valve  
Kennedy (McWane)  
Nibco

AVK  
Milwaukee

**VALVES – GATE - RESILIENT SEAT AND RESILIENT SEAT TAPPING**

American Flow Control  
Clow (McWane)  
M & H (McWane)

AVK  
Kennedy (McWane)  
Mueller

**VALVES – PLUG**

Clow (McWane)  
Homestead  
Milliken

Dezurik  
Kennedy (McWane)  
Pratt

**WIRE PORT**

Copperhead Industries – SnakePit Roadway Box with purple top

# Interceptor Products

## EXTERNAL JOINT SEALING SYSTEMS

CanUSA Wrapid Seal

Cretex Wrap

## CLEAN-OUT FRAME AND COVER

Sigma VB-761

U.S. Foundry - USF 7630

## INTERCEPTORS - HAIR

Zurn Z1175 Z1176

## INTERCEPTOR - LINT

Zurn Z1185

## INTERCEPTORS – GREASE

Florida Septic Inc. 750 PSL Grease 1050 PSL Grease 1250 PSL Grease

Sebring Septic Tank 750 PSL Grease 1050 PSL Grease 1250 PSL Grease

## INTERCEPTORS – OIL/SAND

Florida Septic Inc. 750 PSL Oil/Sand 1050 PSL Oil/Sand 1250 PSL Oil/Sand  
Sebring Septic Tank 750 PSL Oil/Sand 1050 PSL Oil/Sand 1250 PSL Oil/Sand

## JOINT SEALANT

Butyl Rubber Preformed Flexible Joint Sealant  
Press-Seal Gasket Corporation, PRO-STICK Henry Company, RU106-RUB' R-NEK "LTM"

## GREASE INTERCEPTOR COVERS – WITH LOCKING KIT

CertainTeed Pamrex Ductile Iron Ring and Hinged Locking Cover  
U.S. Foundry & Manufacturing Corporation – USF 924 & USF 926 Cast Iron Hinged Ring and Locking Cover

## PAINT FOR ABOVE GROUND APPURTANENCES, AND PIPING

(Sherwin Williams Acrolon 218 HS Acrylic Polyurethane with Macropoxy 646 primer)  
Safety Green – SW4085 (wastewater)

## PAINT FOR ALL UTILITY LIDS AND COVERS FLUSH WITH GROUND

(Sherwin Williams Zero VOC Acrylic with Pro-Cryl Universal water based primer)  
Safety Green – SW4085 (wastewater) Safety Yellow – SW4084 (private hydrants)

## PVC PIPE

North American Pipe Diamond Plastic Corporation Silver Liner Plastics Inc.  
J-M National American

## PVC SEWER FITTINGS

Harco Multi Fittings Plastic Trends

## PIPE SUPPORTS

FM Stainless, LLC Stainless Steel Stanchion Saddle Support (316 SS, Fig 59a)

# Pump Station Products

## ACCESS BOX AND COVER

With appropriate WATER or SEWER identification on lid  
Sigma VB-2763 X

USF 7630

## BRONZE DISC VALVE MARKER

R/G Wrenches & Extensions

Wager Company of Florida – WAGCO Marker

## COATING (Manholes & lift stations exterior)

Pro- Tec EW-1 Water Based Epoxy

## CONTROL CABINET FASTENERS

Stainless Steel Tapcons

## CORROSION BARRIER SYSTEM FOR LIFT STATIONS - NEW

(Cast in solid liner)

GU Florida, Inc

## CORROSION BARRIER SYSTEM FOR LIFT STATIONS - REHABILITATION

SewperCoat – ThoRoc

The Strong Co. – Strong Seal

LF Manf. – Fiberglass Reinforced Polyester Liner

## DUCTILE IRON PIPE

(Water - Cement Lined) (Sewer - Epoxy Lined) (All flanged gaskets shall be full faced 1/8 inch Toruseal)

American

Clow (McWane)

Griffin

Tyler (McWane)

Union Foundry (McWane)

U.S. Pipe

## DUCTILE IRON FITTINGS

(Water - Cement Lined) (Sewer - Epoxy Lined) (All flanged gaskets shall be full faced 1/8 inch Toruseal)

American

Clow (McWane)

Griffin

Sigma

Star

Tyler (McWane)

Union Foundry (McWane)

U.S. Pipe

## ELASTOMERIC GASKET/ RESILIENT CONNECTORS (manholes)

Prefabricated Pipe Boot

Press-Seal Gasket Corporation, CAST-A-SEAL® 603 Cast-In Flexible Boot Connector

Cored Holes

Press-Seal Gasket Corporation, PSX: DIRECT DRIVE

## ELECTRONIC MARKER BALLS WITH TIE DOWN STRAPS

3M - Wastewater/Green 1404 XR

## EXTERNAL JOINT SEALING SYSTEMS

CanUSA Wrapid Seal

Cretex Wrap

## FALL THROUGH PREVENTION SYSTEMS

Hatch Safety Grate – U.S.F. Fabrication, Inc. (6' diameter or larger wet wells)

Hatch Safety Net – U.S.F. Fabrication, Inc. (less than 6' diameter wet wells)

**GENERATOR RECEPTACLE (lift station)**

Pyle-National JRE-4100 (up to 100 amps)

**JOINT SEALANT (manholes & wetwells)**

Butyl Rubber Preformed Flexible Joint Sealant  
Press-Seal Gasket Corporation, PRO-STICK  
Henry Company, RU106-RUB' R-NEK "LTM"

**LEVEL SENSOR PROBE**

ITT Flygt Level Probe  
Multi-Trode

**LOCATE TRACER WIRE**

Open-Cut Installation  
Copperhead Ind. Reinforced Tracer Wire (#12 AWG) #1230HS Green

Directional Boring Installation  
Copperhead Ind. Reinforced Tracer Wire (#12 EHS) #1245EHS Green

**LOCATE TRACER WIRE CONNECTORS**

Copperhead Ind. DRYCONN Direct Bury Lug #CH90120

**LUBRICANT – (ANTI-SEIZE)**

Oxlic Never Seize

**MARKING TAPE**

Harris Industries – Green – UT-PSLUD-6GRN

**MECHANICAL JOINT RESTRAINTS**

American Fast Gasket  
Ford - Uni-Flange  
Star – Stargrip Series 3000, 4000  
Sigma – SLD Series (DIP), SLC Series (PVC), PVPF Series (PVC to Pressure Fittings), ZF Series

EBAA - Mega Lug  
U.S. Field-Lock Gasket

**ODOR/GAS SCRUBBER (lift station)**

Atlantic Environmental Systems, Inc. (MOPS)  
OGS-B-4  
OGS-B-1036-4 Stage

**PAINT FOR ABOVE GROUND APPURTANENCES, AND PIPING**

(Sherwin Williams Acrolon 218 HS Acrylic Polyurethane with Macropoxy 646 primer)  
Safety Green – SW4085 (wastewater)  
Anchor Gray – SW4025 (raw sewage above ground piping inside lift station fence)

**PAINT FOR ALL UTILITY LIDS AND COVERS FLUSH WITH GROUND**

(Sherwin Williams Zero VOC Acrylic with Pro-Cryl Universal water based primer)  
Safety Green – SW4085 (wastewater)  
Anchor Gray – SW4025 (raw sewage above ground piping inside lift station fence)

**PIPE SUPPORTS**

FM Stainless, LLC Stainless Steel Stanchion Saddle Support (316 SS, Fig 59a)

## **PRESSURE TRANSDUCER**

Force Main – Ashcroft - K1-5-M02-42—P7 60 PSI, with 6' cord

## **PUMP STATIONS**

Pump Station repair kits contain the following: 1 full set of fuses for entire panel (supplied with panel), 1 set of contact for the motor starters, and 1 full set of fuses for the disconnect if fused (3" to 6" long fuses inside of disconnect).

Grinders -

Myers (Hydro Pumps)

Atlantic Environmental Systems Inc (MOPS)

## **CONTROL PANELS**

ECS Control Systems

Best Controls Company

### **Control Panels Components for Lift Stations:**

Surge Protection – Edco (analog) Polyphasor (radio), Square D (Electrical)

Corrosion Inhibitor – Eaton, Zerust, Hoffman

Radio – Modpac Plus RM-4800

Controller – Multi-Trode, Multi Smart Pump Station Manager - MSU3MP

Back Up Controller – Multi-Trode, SafeSmart - SAFE-FSP

Heliac Coaxial Cable and Connectors – Andrews, LMR

Terminal Blocks – Entrelec, Square D, Panduit

Control/Timing Relays – Square D, AA Electric, Diversified, Syrelec

DC/DC Converter – Converter Concepts

Battery Charger – Xenotronics

Batteries – Werker, Polysonics, Uuasa (12V, 7.5 AH minimum)

Liquid Level Controllers – MultiTrode

Control Transformers – Square D

Motor Starters/VFD – Square D

Breakers – Square D QO

Fuses – Bussman, FuseLite

Phase Monitors/Alternators - Diversified

Unistrut Corp., Unistrut Metal Framing (316 SS) with Vinyl End Caps

### **Submersible Pumps**

Grinders - Myers (Hydro Pumps)

Homa (MOPS)

Non Clog –Flygt

### **Telemetry**

Antenna –

Glades/Northport WWTF –

151.565 MHz, Antenna - Sinclair 150 – 174 MHz

Southport/Westport WWTF – 452.100 MHz, Antenna –

Sinclair 450 – 470 MHz

Tower – Rohn 25G Base, 25AG Top

### **Wet Wells (See PSLUSD Form 29 for pump selection)**

Grinders – Fiberglass –

Myers (Hydro Pumps)

Atlantic Environmental Systems Inc. (MOPS)

Non Clog – Precast Concrete

## **Valve Vaults**

Grinders – Fiberglass – Myers (Hydro Pumps)  
Atlantic Environmental Systems Inc. (MOPS)

## **PVC PIPE**

North American Pipe  
Silver Liner Plastics Inc.  
National American  
Diamond Plastic Corporation  
J-M

## **PVC SEWER FITTINGS**

Harco  
Multi Fittings  
Plastic Trends

## **REFLECTIVE PAVEMENT MARKERS**

3M  
Ray-O-Lite  
Hy-Viz  
PSA 297 Green  
AA ARC II Green  
Rough Duty Stimsonite Model 911AG Green

## **SIGNS**

Universal Signs & Accessories

## **VALVE BOX ALIGNMENT DEVICE**

Adaptor, Inc. – Valve Box Adaptor II  
Adaptor, Inc. – Valve Box Adaptor II – 6" PVC

## **VALVE BOXES (SCREW TYPE) - WITH LOCKING LID**

Valve Box and locking lid must be same manufacturer  
Tyler  
Star - Type HD  
Sigma Thickwall – Type X

## **VALVE - GATE AND ANGLE - 3/4" - 3 "**

American Valve  
Kennedy (McWane)  
Nibco  
AVK  
Milwaukee

## **VALVES – GATE - RESILIENT SEAT AND RESILIENT SEAT TAPPING**

American Flow Control  
Clow (McWane)  
M & H (McWane)  
AVK  
Kennedy (McWane)  
Mueller

## **VALVES – PLUG**

Clow (McWane)  
Homestead  
Milliken  
Dezurik  
Kennedy (McWane)  
Pratt

## **VOLTAGE TRANSFORMER (Double Coil only)**

General Electric  
Square D

## **WET WELL LINERS FOR REHABILITATION (Lift Stations/Manholes)**

SewperCoat - ThoRoc  
L.F. Manufacturing Inc. – Fiberglass Reinforced Polyester Liner  
The Strong Company, Inc. - Strong Seal

## **WIRE PORT**

Copperhead Industries – SnakePit Roadway Box with green top

## Fiber Optic Products

### CASING SPACERS - 12" Width min.

APS - Advance Products Systems  
PSI - Pipeline Seal and Insulator

Cascade

### CONTROL CABINET FASTENERS

Stainless Steel Tapcons

### FIBER OPTIC CABLE

CORNING/SIECOR – 096EU4-T4101D20 - 96 Fiber ALTOS Gel-Free Cable Non Armored SMFe  
1.4/0.4/0.3 dB/km 12f/tube Print in ft

CORNING/SIECOR – 012EU4-T4101D20 - 12 Fiber ALTOS Gel-Free Cable Non Armored SMFe  
1.4/0.4/0.3 dB/km 12f/tube Print in ft

### LOCATE TRACER WIRE

CME THWN -2 – 14 gauge, 19 Strand , 25 Ampacity, Orange Coated

### LOCATE TRACER WIRE CONNECTORS

Copperhead Ind. DRYCONN Direct Bury Lug #CH90120

### LUBRICANT – (ANTI-SEIZE)

Oxlic Never Seize

### PAINT FOR HYDRANTS, ABOVE GROUND APPURTANENCES, AND PIPING

(Sherwin Williams Acrolon 218 HS Acrylic Polyurethane with Macropoxy 646 primer)  
Safety Orange – SW4083 (fiber)

### PAINT FOR ALL UTILITY LIDS AND COVERS FLUSH WITH GROUND

(Sherwin Williams Zero VOC Acrylic with Pro-Cryl Universal water based primer)  
Safety Orange – SW4083 (fiber)

### PULL BOX – FIBER OPTICS

For installation in concrete

Box - Quazite - PC1730BB12 – 17" x 30"

Cover – Quazite – PC1730CA00

For installation in grass

Box - Quazite – PT1730BB18 – 17" x 30"

Cover – Quazite – PT1730CA00

### PULL TAPE – FIBER OPTIC

Traceable pull tape, 1800 lbs tensile strength  
Fibertek – WPT1800

### POLYETHYLENE TUBING PE 3408 (3" and larger) (DIPS Only)

Driscoplex (Performance Pipe)  
Polypipe, Inc

J-M Pipe

### PVC PIPE

North American Pipe  
Silver Liner Plastics Inc.  
National American

Diamond Plastic Corporation  
J-M

**SPLICE BOX – FIBER OPTIC**

Box - Quanzite – PG3048BB – 30” x 48”

Cover – Quazite – PG3048CC00

**SPLICE CABINET – FIBER OPTIC**

Transportation Control Systems – 336S 22” x 24” x 46”

Transportation Control Systems – 336A 20” x 24” x 36”

Transportation Control Systems – 336 30” x 24” x 64”

**SPLICE CLOSURES**

Fosc 400 Series

**UNDERGROUND TAPE – FIBER OPTIC**

Detectable underground tape, “caution fiber optic cable buried below” 6” wide, black on orange

Harris Ind – DU-10-6

**WIRE PORT**

Copperhead Industries – SnakePit Roadway Box with appropriate color coded top