

CITY OF SARASOTA, FLORIDA

APPENDIX A-1

POTABLE WATER  
APPROVED MATERIAL LIST

PLEASE TYPE OR PRINT CLEARLY IN BLACK INK

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

Contract / Bid Number: \_\_\_\_\_ Work Assignment Number: \_\_\_\_\_

Contractor's Name: \_\_\_\_\_

Contractor's Address: \_\_\_\_\_

Contractor's Signature: \_\_\_\_\_

For City Use Only

(Refer to Section 01300 – Submittals)

Engineer: \_\_\_\_\_ Date: \_\_\_\_\_

Reviewed, No Comments: \_\_\_\_\_

Reviewed, Comments as Noted: \_\_\_\_\_

Reviewed, Comments Attached – Resubmit: \_\_\_\_\_

Rejected, Revise and Re-submit, Comments Attached: \_\_\_\_\_

Not Reviewed: \_\_\_\_\_

City Project Manager: \_\_\_\_\_ Date: \_\_\_\_\_

Comments:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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With the submission of this document, the CONTRACTOR understands that the use of the following selected items, as individually indicated using an "X", is mandatory. The materials included in this list are approved for portable water service only.

Recommendations for Approved Alternates, using other items that are not contained within this Checklist, shall be initiated, and submitted by the CONTRACTOR, in accordance with Section 00800-General Provisions, to the CITY and the ENGINEER for review and approval at least ten (10) calendar days in advance of need.

It is also understood by the CONTRACTOR that the CITY and the ENGINEER shall reject materials and products not in accordance with this Specifications and this Checklist.

Shop drawings shall be required for all structures and similar items not contained on this checklist, such as manholes, wet wells, and other castings.

Four (4) sets of the CONTRACTOR's and the ENGINEER's executed APPROVED MATERIALS CHECKLIST and any necessary shop drawings shall be submitted to the CITY and the ENGINEER for its use and approval, plus the number of sets needed for the CONTRACTOR's use.

Ordering material and products without specific written approval from the CITY of the submitted list and shop drawings is NOT recommended and is done at the CONTRACTOR's sole expense and responsibility.

**NOTE: The latest changes approved by the CITY are indicated by "underlining" and deleted items by "~~strikethroughs~~".**

**American Iron and Steel, Buy American Act, or any procurement requirements identified in the contract documents shall take precedence over the materials listed in this checklist.**

**CONTENTS****Section 1: Valves and Accessories****Section 2: Service Materials****Section 3: Pipe Materials and Accessories****Section 4: Pipe Fittings****Section 5: Fire Hydrant Assemblies****Section 6: Metalwork****Section 7: Finishes****Section 8: Equipment**

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## SECTION 1: VALVES AND ACCESSORIES

**Automatic Combination Air / Vacuum Release Valve:**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
H-Tec	Model 986, 989, 990	Short Body for 989
Val-Matic	100 Series	
ARI	D-040	

**Air / Vacuum Release Valve Enclosure (Horizontal Venting and Medium Blue):**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Water Plus	107-B	

**Air Vacuum / Release Valve Vault Frame and Cover:**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
US Foundry	USF-679-BK-M	
Certain Teed	Parmex 36"	Alternative – <u>Not to be used in paved driveways.</u>

**Blow Off Valve:**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Mueller	Hydro Guard HG-2	2-Inch inlet, no lead brass Low profile green enclosure

**Gate Valves 14-Inch Through 48-Inch (C-515, Resilient Seated, with Side Actuators, if required)**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
American	2500 Series	with Romac Alpha Ends or MJ
Mueller	A-2361	
McWane/Clow	F-6100 Series	

**Gate Valves 3-Inch Through 12-Inch (C-515, Resilient Seated Only):**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
American	2500 Series	with Romac Alpha Ends or MJ
Mueller	A-2361	
McWane/Clow	F-6100 Series	

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<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
TEAM Hydra-Stop	Insert-Valve 4" – 12" IV-250 / IVP	

**Sample Station (Above Grade) (Blue Color):**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Koraleen Enterprises Station Guard	XLT # 001-3	

**Tapping Valves (C-515, Resilient Seated Only):**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
American Flow Control Mueller	Series 2500 Series T-2361	

**Test Station Box for Locate Wiring:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Bingham / Taylor	P2B200NFG	

**Valve Box with Lids (5 ¼ - Inch, ASTM A48 30B Heavy Duty Cast or Ductile Iron with "Water"  
Cast into the Lid Top:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Tyler / Union Bingham & Taylor	461-S, 462-S, 6850, 6860 I5B20, I5B18	Must be Cast in USA

**Valve Box Stabilizer:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Bingham & Taylor	APD900001B	

**Valve Box Debris Cap:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Bingham & Taylor	ODSDEBRISP12B	

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## SECTION 2: SERVICE MATERIALS

**Service Saddles (Bronze or Stainless-Steel Body, Double Stainless-Steel or Bronze) Straps to Iron Pipe Thread ONLY (Not for HDPE):**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Mueller	BR2B Series	
Ford	202BSD, 202B	
JCM	406	
Total Piping Solutions	Series T3	

**Service Saddles (316 Stainless-Steel Full Wrap EDPM Gaskets, for HDPE Must Have Belleville Washers) Iron Pipe Thread:**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Ford	FS 313, FS 323, FS 333	

**Curb Stop / Service Line (Curb Stop to be Ball Type, FIP x CTS, FIP x Quick Joint, Must Have Locking Wing, 1-Inch or 2-Inches Only):**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Ford	B41-444W-Q-NL B41-777W-Q-NL	
Mueller	B25171N	
A.Y. McDonald	76102WQ1 76102WQ2	

**Curb Stop for ARV or Main (Curb Stop to be Ball Type, FIP x FIP, 1-Inch or 2-Inch):**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Ford	B11-444W-NL B11-777W-NL	
Mueller	B-20283N	
A.Y. McDonald	76101W	
Leemco, Inc., USA www.Ferguson.com/Waterworks	316-Series Stainless Steel	Sizes 1", 1" ANGEL, 2"

**Corporation Stop for Service Line (Ball Type, MIP x CTS, MIP x Quick Joint, Iron Pipe Thread Only):**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Ford (Continued)	FB1100-4-Q-NL FB1100-7-Q-NO	
Mueller	B-25028N	

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A.Y. McDonald	74704BQ1
	74704BQ2

**Corporation Stops for Bass Nipple Installation (Ball Type, MIP x FIP, Iron Pipe Thread Only):**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Ford	FB1700-7-NL	
Mueller	B-20046N	
A.Y. McDonald	73149B	

**Polyethylene Tubing (Blue in Color with UV Protection, SDR-9, 1-Inch, and 2-Inch Only):**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Endot	PE-4710 EndoPure	
Endot	PE-4710 EndoTrace	Alternative Pipe & Tracer Wire Combo
Charter Plastics	PE-4170	
ARNCO	PE-4710 Perma-Guard	Alternative Pipe & Tracer Wire Combo
ARNCO	PE-4170 Perma-Find	
ADS	PolyFlex	

**Cross Connection Control Assemblies:**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Zurn / Wilkins	375, 375XL, 975XL	

**Meter Box**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
DFW plastics	DFW37C-12-AF1T DEEP	

**Meter Box (Jumbo)**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
DFW Plastics	DFW1730C-12-AF1T DEEP	

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## SECTION 3: PIPE MATERIALS AND ACCESSORIES

**PVC Pipe (AWWA C-900, Blue in Color, DR-18):**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Certainteed	C-900 RJIB	
Diamond Plastic		
Ipex		
J-M Manufacturing		
National Pipe		
Pipeline Plastics	PE4710	
Westlake Pipe & Fittings		

**Ductile Iron Pipe Cement Lined (4-Inch to 12-Inch = PC 350, 16-Inch to 20-Inch= PC 250, 24-Inch to 64-Inch = PC 200) (DI Flanges as Applicable, AWWA C115):**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
American		
Clow		
Griffin		
McWane		
US Pipe		

**HDPE Pipe (DR-11, Blue Striped):**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Discopipe	Series 100	
Chevron	Plexco	

**FRPM (Fiberglass Reinforced Polymer Mortar) Pipe:**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
HOBAS Pipe USA, Inc.	Filament Wound Pipe	

**Casing Spacers (All Sizes) Stainless Steel with Vinyl Runners:**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Cascade	Series CCS / CCPS / AZ	
RACI	Series S/T, F/G, P/Q, M/N, E/H	
BWM	SS	

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<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Pro-Line		

**Buried Potable Water Main Warning Tape (Blue, 3-Inches Wide, 1-Inch High Black Lettering, Non-Adhesive Backed):**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Pro-Line		

**Poly Pig:**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Girard		
Knapp		

**Locating Wire (Single Strand, 12-Guage, Solid Copper Wire with Blue Colored Insulated Covering):**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Copperhead CCS (Reinforced Tracer Wire)	1230 HS	Open Cut Installation
Copperhead CCS (Reinforced Tracer Wire)	1245 HS	HDD Installation

**Locating Marker Systems (Potable Water) (Blue in Color):**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
3M	Scotch Mark EMSII Electronic marker blue locator #1265	As required by COSU
3M	Scotch Marker Electronic Ball Marker #1404	As required by COSU

**Curb and Pavement Markers (Blue in Color, imprinted with the Words "CITY OF SARASOTA UTILITIES" and "CALL 811 BEFORE YOU DIG" with "POTABLE WATER SERVICE" or "POTABLE WATER VALVE" as Applicable):**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Rhino	ATAGNCT-C (Custom Imprinting)	New Construction
Rhino	ATAGNCT-C (Custom Imprinting)	Retrofit to existing improvements
DAS Manufacturing	Reflective Duracast Style	

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## SECTION 4: PIPE FITTINGS

**Expansion Joints:**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
EBAA Iron		
Metraflex		
Star	Star Flex Series 5000, 5100 & 5200	

**Fittings C153 SSB / C110 Flange (Cement Mortar Lined and Asphaltic Coated in Accordance with C104) (Outside Surfaces Shall be Prime Coated Only if Located Aboveground and Painted:**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
American	Romac Alpha or MJ Ends	
Tyler / Union		
US Pipe		
Sigma		
Star		
SIP Industries		

**Restrained Joints – Ductile Iron Pipe:**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
American Cast Iron Pipe	Flex, Field Flex, and Lock Ring	
US Pipe	TYTON® HDSS	

**Mechanical Restrained Joints – Ductile Iron Pipe:**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
EBAA Iron Inc.	Mega-Lug Series 1100	
	Series 1700 Bell Strainer	
	Series RS-3800 Restrainer	Sleeve Included

**Mechanical Restrained Joints – Ductile Iron Pipe Continued:**

Sigma	One LOK SLD, PV LOK	
Star	Stargrip Series 3000, 3000S & 3000OS	
	Series 3100S & 3100P	for DI Pipe Use
	Flange Adapter Series 200 & 400	
	Retainer Gland Series 600	
	Adapter Flange Series 3200	
Tyler / Union	Tuf Grip TLD Series	
SIP	EZ Grip	
US Pipe		

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<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
EBAA Iron Inc.	Mega-Lug Series 2000PV Series 1500 & 1600 Bell Restrainer 4" – 12"	
JCM	Series RS-3800 Restrainer – Sleeve Included 620 Sur-Grip Bell Joint 621 Sur-Grip Bell Joint	
Ford	Uni-Flange 1350 Bell Restrainer 1360 Bell Restrainer 1390 Bell Restrainer 900 Adapter Flange 1500 Series 1300 Fitting Restrainer	
Sigma	One LOK SLC, PV LOK Series PVP and PVPF	
Star	PVC Stargrip Series 4000 & 4000P PVC Harness Series 1000, 1100 & 1200 Adapter Flange Series 200, 400 & 4200	
Tyler / Union SIP	Tuf Grip TLP EZ Grip	For PVC Pipe Use
Ransom International	Rieberlock	

**Tapping Sleeves (For All Taps on IPS OD PVC Pipe, Including Size on Size (18-8 Type 304 Stainless Steel Body, Flange and Bolts), Flange to Accept Standard Tapping Valves:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Ford	Series FTSS	

**Tapping Sleeves (For All Taps on IPS OD PVC Pipe, Including Size on Size (18-8 Type 304 Stainless Steel Body, Flange and Bolts), Flange to Accept Standard Tapping Valves Continued:**

JCM	Model 432	
Mueller	Series H-304 S/S	
Cascade	CST-EX	

**Tapping Sleeves (Mechanical Joint for all Taps on Cast Iron, Ductile Iron, PVC-900 & AC Pipe, all Taps Including Size on Size:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
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American Flow Control	Series 2800
Mueller	Series H-615, H-616, H-619

**Tapping Sleeves (Fabricated Steel, Mechanical Joint, Fusion Bonded Epoxy Coated):**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
JCM	Series 414	

**Flange Adapters:**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Rockwell International	Type 913	
Baker	Type 602	
Dresser International	Type 128	
Smith Blair	Type 900	

**Anti-Seize Lubricants:**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Never Seize		
Bostik		

**Pipe Repair / Transition Couplings:**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Hymax		3", 14" or larger AC-PVC/DI
Romac	Alpha	4" – 12" PVC/DI/HDPE to PVC/DI/HDPE
Romac	Macro	2" – 12" XL

**Line Stop Fittings (Check with line stopping contractor for insertion plug type):**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Hydra Stop	HSF 250	
Total Piping Solutions	Triple Tap	
JCM (Continued)	440	4" – 8" stainless steel body and hardware, DIP completion plug, carbon steel blind flange (epoxy coated) 10" – 20" fabricated steel (epoxy coated) body, carbon steel flange,

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stainless hardware, DIP completion plug, epoxy coated blind flange 24" and larger – fabricated steel (epoxy coated) body, stainless hardware, carbon steel completion plug, and epoxy coated blind flange.

**Pipe Repair Clamps:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
JCM Smith Blair Total Piping Solutions	Quick Cam	

## SECTION 5: FIRE HYDRANT ASSEMBLIES

**Fire Hydrants (5 ¼ Inch Valve Opening, Final Exterior Color – Ultraviolet Stabilized Lime Yellow (Pantone 12-0520 TCX)):**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
American Darling Mueller Centurion	B-84-B A-423	With Romac, Alpha, or MJ Ends

## SECTION 6: METALWORK

**Gutter Type Hatches:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Bilco Babcock – Davis	Type J Type B-FGA	

**Hatch Nets:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Safe Approach	Hatch Net 121	

**Anti-Seize Lubricants:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Anti-Seize Technology Dixon Ticonderoga	Pure White AS-470	

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<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Hilti HVA Cobra Anchors		

**Expanding-Type Anchors:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Trubolt Anchors McCullock Industries	ITW Ramset/Redhead Kwick-Bolt	

**Impact Anchors:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Hilti, Inc. Rawplug Company	Metal Hit Anchors Rawl Zamac Nailin	

**Coatings:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Sherwin-Williams Alvin Products ZRC Worldwide	Zinc-Clad XL Galvax Galvite	

## SECTION 7: FINISHES

**Paints:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Tnemec Carboline Ameron		

**Paints Continued:**

International Coating, Inc.

**Epoxy Polyamide Fillers:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Tnemec Topcoat Ameron Nu-Klad	54-660 Epoxy Block Filler 105	

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Keeler & Long Kolor No. 3400

**Epoxy Polyamide:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Tnemec	66-Color H.B. Epoxoline	
Carboline	890	
Ameron	Amercoat	
Keeler & Long	Kolor-Poxy Primer No. 3200	

**Bond Coat:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Kop-Coat	Bitumastic No. 300-M	
Keeler & Long	CT 400	

**Coal Tar Epoxy:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Kop-Coat	Bitumastic No. 300-M	
Keeler & Long	CT 400	

**Conditioner:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Kop-Coat	Bitumastic 2CB	
Keeler & Long	CT 300	

**Acrylic Coating:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Tnemec	Series 130-6602 Envirofill	
Carboline	Flexxide	
Keeler & Long	6440	

**Acrylic Emulsion:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Tnemec	Series 180 WB Tneme-crete	
Carboline	D3359	
Keeler & Long	Aqua-Kolor Enamel W-2 Series	

**Ferrous Metal Epoxy Polyamide Primer:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
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Tnemec (Continued)	66-1211 Epoxy Primer
Carboline	893 Primer
Ameron	Americoat 71
Keeler & Long	Kolor-Poxy Primer

**Ferrous Metal Epoxy Polyimide:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Tnemec	66-Color H.B. Epoxoline	
Kop-Coat	Hi-Gard Epoxy	
Carboline	890 Epoxy	
Keeler & Long	Kolor-Poxy Primer	

**Aliphatic Polyurethane:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Tnemec	72-Color Endura	
Carboline	134	
Ameron	Americoat	
Keeler & Long	Acrythane Enamel	

**Aliphatic Polyurethane (When Using Roller):**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Tnemec	70	
Carboline	134 (for roller)	
Ameron	Amerishield	
Keeler & Long	Acrythane Enamel Y-1 Series	

**Epoxy Polyamide:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Tnemec	140-1211 Porta-Pox Plus	
Kop-Coat	340 Gold Primer	

**Epoxy Polyamide Continued:**

Carboline	187 Primer
Ameron	Americoat 71
Keeler & Long	Kolor-Proxy Primer No. 3200

**Epoxy Amine-Cure:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Tnemec	04	

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Carboline	187 Finish	Use 187 primer when not using shop primer
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**Galvanized Steel Coating Wash Primer and/or Epoxy Polyamide:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Tnemec	66-Color H.B. Epoxoline	
Carboline	Rusbnd Primer/Sealer	
Ameron	Amchem Galvaprep	On Galvanized Steel
	Amchem Aiodine 1200 Plus	On Aluminum
	Ameron Amerlock 400	
Keeler & Long	Vinyl Brutyril Wash Primer # 7840	
	Kolor-Poxy Primer #3200	

**Aliphatic Polyurethane:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Tnemec	72 Color Endura Shield 11	
Kop-Coat		
Carboline	Carbothane 134 H.S.	
Ameron	Amercoat 450 GL	
Keeler & Long	Acrythane Enamel Y-1 Series	

**Aliphatic Polyurethane Gloss (When Using Roller):**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Tnemec	70 Color Endura Shield	
Kop-Coat		
Carboline		
Ameron	Amershield	
Keeler & Long	Acythane Enamel Y-1 Series	

**Alternate Coating Systems:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Carboline	Galvanox Type 1	
Keeler & Long	No. 6820	

**Zinc Chromate Primer:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Carboline	1037WP	
Keeler & Long	Vinyl-Brutyril Wash Primer # 7840	

**Aluminum Pigmented Epoxy Paint:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
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POTABLE WATER  
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Carboline  
Keeler & Long

Carbomastic 90  
Kolormastic No. 1000

**Coal Tar Epoxy (High Build):**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Tnemec	46H-413	
Kop-Coat	Bitumastic No. 300-M	
Ameron	Amercoat 78HB	
Keeler & Long	CT 400	

**Quality Control:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Tinker & Rasor		
K-D Bird Dog Holiday Detector		

## SECTION 8: EQUIPMENT

**Mechanical Seals:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
John Crane	Type 128	
Pak Seal		
Chesterton		

**Gaskets and Packings:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Garlock	No. 432	
John Crane	Everseal	

**Plate Thrust Bearings:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Kingsbury		

**Centrifugal Pumps:**

<b><u>Manufacturer</u></b>	<b><u>Part Number</u></b>	<b><u>Comments</u></b>
Flowserve (Continued)		
Goulds		

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POTABLE WATER  
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Aurora  
Floway

**Vertical Turbine Pumps:**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Flowserve		
Ruhrpumpen		
Peabody		
Floway		
Weir		

**Peristaltic Metering Pump:**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Flowrox	FXMS	

**Diaphragm Metering Pumps:**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Grundfos		

**Tools:**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Snap On		
Crescent		
Stanley		

**Annulus Fluid Expansion Tank System:**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Hydro-Air Systems, Inc.		

**Primer:**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Koppers	Pug Primer, 40 Passivator	

**Coating:**

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Wisconsin Protective Coating Corporation	9051 Hi-Resistant Heavy Build Protective Coating	

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POTABLE WATER  
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<u>Mixers:</u>	<u>Part Number</u>	<u>Comments</u>
<u>Manufacturer</u>		
<u>Kasco</u>		
CERTISAFE Potable Water Tank Mixers		