

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: _____

APPENDIX A-1**POTABLE WATER
APPROVED MATERIAL LIST**

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

Sample Station (Above Grade) (Blue Color):

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

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

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

Test Station Box for Locate Wiring:

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

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

Valve Box Stabilizer:

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

Valve Box Debris Cap:

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
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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APPROVED MATERIAL LIST**Corporation Stop for Service Line (Ball Type, MIP x CTS, MIP x Quick Joint, Iron Pipe Thread Only Continued):**

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 (Small Plastic with Cast Iron Reader Door):

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Highline	170113	

Meter Box (Jumbo Plastic With 4" x 7" CI Reader Door):

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
DFW Plastics	DFW1600.12	

Meter Box (Cast Iron, Oval, Blue Lid):

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Star Pipe Products	MDB 1910	Made in USA

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<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
CDR	17x30 – PG1730H00	
	11x18 – A6001429HDA	

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	

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<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	

Potable Water Main Identification Tape (Blue, 6-Inches Wide, 2-Inch High Black Lettering, Adhesive Backed):

<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

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<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 (Custom Imprinting)	New Retrofit or Construction

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

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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		

Mechanical Restrained Joints – PVC Pipe:

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
EBAA Iron Inc.	Mega-Lug Series 2000PV Series 1500 & 1600 Bell Restrainer 4" – 12" Series RS-3800 Restrainer – Sleeve Included	
JCM	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	Tuf Grip TLP	For PVC Pipe Use
SIP	EZ Grip	
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:**

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

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APPROVED MATERIAL LIST**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:

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
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	4" – 12" AC-PVC/DI

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APPROVED MATERIAL LIST**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, 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:

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
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)):

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

SECTION 6: METALWORK

Gutter Type Hatches:

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

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

Anti-Seize Lubricants:

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

Glass Capsule Polyester Resin Adhesive Anchors:

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

Expanding-Type Anchors:

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

Impact Anchors:

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

Coatings:

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

SECTION 7: FINISHES

Paints:

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

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International Coating, Inc.

Epoxy Polyamide Fillers:

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Tnemec	54-660	
Topcoat	Epoxy Block Filler	
Ameron Nu-Klad	105	
Keeler & Long	Kolor No. 3400	

Epoxy Polyamide:

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

Bond Coat:

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

Coal Tar Epoxy:

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

Conditioner:

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

Acrylic Coating:

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

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

Ferrous Metal Epoxy Polyamide Primer:

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

Ferrous Metal Epoxy Polyimide:

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

Aliphatic Polyurethane:

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

Aliphatic Polyurethane (When Using Roller):

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

Epoxy Polyamide:

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

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

Epoxy Amine-Cure:

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Tnemec	04	
Carboline	187 Finish	Use 187 primer when not using shop primer

Galvanized Steel Coating Wash Primer and/or Epoxy Polyamide:

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
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 Brutyral Wash Primer # 7840	
	Kolor-Poxy Primer #3200	

Aliphatic Polyurethane:

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
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):

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

Alternate Coating Systems:

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

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

Aluminum Pigmented Epoxy Paint:

<u>Manufacturer</u>	<u>Part Number</u>	<u>Comments</u>
Carboline	Carbomastic 90	
Keeler & Long	Kolormastic No. 1000	

Coal Tar Epoxy (High Build):

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

Quality Control:

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

SECTION 8: EQUIPMENT

Mechanical Seals:

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

Gaskets and Packings:

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

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POTABLE WATER
APPROVED MATERIAL LIST**Plate Thrust Bearings:**

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

Centrifugal Pumps:

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

APPENDIX A-1

**POTABLE WATER
APPROVED MATERIAL LIST**

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	

<u>Mixers:</u>	<u>Part Number</u>	<u>Comments</u>
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Manufacturer

Kasco
CERTISAFE Potable Water Tank Mixers