

DESERT WATER



APPROVED MATERIALS LIST

WATER

DESERT WATER AGENCY
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REV. DATE 04/03/2020

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APPENDIX A: REVISIONS

Effective January 1, 2010, the State of California, Department of Toxic Substances Control, enacted a law, *Requirements for Low Lead Plumbing Products in California*. The intent of this legislation is to reduce the lead content in plumbing components intended to convey or dispense water for human consumption.

“Lead Free” means that the maximum allowed lead content is:

- 0.20 percent lead in solder and flux;
- 0.25 percent lead in welded surfaces of pipe, pipe fittings, plumbing fittings and fixtures, as determined by weighted average.

BE ADVISED THAT ALL MATERIALS ARE APPROVED ON AN INDIVIDUAL JOB BASIS. THIS LIST IS SUBJECT TO CHANGE AT ANY TIME WITHOUT NOTICE. SUPPLIERS FURNISHING MATERIAL FOR CONSTRUCTION OF DESERT WATER AGENCY FACILITIES SHALL SUBMIT A MANUFACTURER CERTIFICATION THAT SAID MATERIAL MEETS ALL APPLICABLE ANSI, ASTM, AND SAE STANDARDS AND TESTING REQUIREMENTS. APPROVALS DESCRIBED HEREIN, FOR PRODUCTS OR SERVICES DESIGNATED BY ONLY ONE SPECIFIC BRAND OR TRADE NAME ARE APPROVED SOLELY TO MATCH OTHER PRODUCTS ALREADY IN USE FOR PARTICULAR IMPROVEMENTS EITHER COMPLETED; OR IN THE COURSE OF COMPLETION; OR IN ORDER TO MATCH ITEMS THAT ARE ONLY AVAILABLE FROM A SINGLE SOURCE. SAID MATERIAL SHALL BE TRACEABLE AS TO MANUFACTURING LOCATION, IDENTIFICATION CODE, DATE OF TESTING, AND DATE OF SHIPPING.

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<u>DESCRIPTION</u>	<u>MANUF./SUPPLIER</u>	<u>NUMBER</u>
<u>SECTION A: PIPE</u>		
A-01: 10 Ga. CML/CMC		
1. Bell & Spigot	Ameron	N/A
	Northwest Pipe (Cali. Press Pipe)	N/A
	CSI Tube Forgings	N/A
	Roscoe Moss	N/A
2. Weld Bell End ‘s	Ameron	N/A
	Northwest Pipe (Cali. Press Pipe)	N/A
	CSI Tube Forgings	N/A
	Roscoe Moss	N/A
A-02: Standard CML/CMC		
1. Bell & Spigot	Ameron	N/A
	Northwest Pipe (Cali. Press Pipe)	N/A
	Kelly Pipe	N/A
	CSI (CA Steel Industries)	N/A
2. Weld Bell End’s	Ameron	N/A
	Northwest Pipe (Cali. Press Pipe)	N/A
	CSI (CA Steel Industries)	N/A
A-03: Ductile Iron		
1. Class 350 (8”-12”);	Griffin	N/A
Class 250 (14”-24”);	McWane Ductile	N/A
Class 150 (greater than 24”),	U.S. Pipe	N/A
with double thickness CML,		
Without taper, no interior seal		
Coating, push-on, rubber gasket,		
Tyton interchangeability.		
18 ft. lengths of pipe only.		
A-04: Asbestos-Cement (No Longer Used)		
(No Longer Used)		N/A

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SECTION A: PIPE (Continued)

A-05: **Copper Service**

NOTE: Tubing manufactured outside of the United States must be IAPMO Certified.

1. Type K Soft, 1" ASTM-B88 (100' Rolls)	Cerro Mueller Industries Cambridge/Lee	N/A _____ N/A _____ N/A _____
2. Type K Soft, 2" ASTM-B88 (50' Rolls or 20' Rigid Lengths)	Cerro Mueller Industries Cambridge/Lee	N/A _____ N/A _____ N/A _____

A-06: **Brass Pipe**

NOTE: Effective Jan. 1, 2010 brass pipe must meet lead free requirements of California AB1953.

1. Red Hard Brass, ASTM-B43 Std. Wt.	Mueller Industries Smith Cooper International	N/A _____ N/A _____
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A-07: **Standard Wt. Galvanized**

1. 1" Schedule 40 Std. Wt., ASTM A53F	Wheatland Edmond Grey	N/A _____ N/A _____
2. 2" Schedule 40 Std Weight, ASTM A53A	Wheatland Edmond Grey	N/A _____ N/A _____

A-08: **Standard Wt. Black Pipe (No Longer Used)**
(No Longer Used)

A-09: **10 Ga. CMC/Coal Tar Enamel Int. Lining**

1. Bell & Spigot	Northwest Pipe (Cali. Press Pipe)	N/A _____
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<u>DESCRIPTION</u>	<u>MANUF./SUPPLIER</u>	<u>NUMBER</u>
<u>SECTION B: VALVES</u>		
B-01: Gate		
1. 2" Threaded End, Resilient Seat Epoxy Lined and Coated Ductile Iron Body & Bonnet per AWWA C-515	Clow AVK American Flow Control Mueller	F-6103 Series 03 Series 2500 A 2360 (ductile iron)
2. 4" to 12" Flanged, Resilient Seat, Epoxy Lined and Coated Ductile Iron Body & Bonnet per AWWA C-515	Clow AVK American Flow Control Mueller U.S. Pipe	A 2638 45 Series Series 2500 Series 2362 Metro Seal 250
3. 2" Flanged, Resilient Seat, Epoxy Lined and Coated Ductile Iron Body & Bonnet per AWWA C-515	Mueller	A-2362-6
B-02: Butterfly		
1. 12" to 42" Flanged (Rubber Body Seat, Epoxy Coated Disc., Epoxy Lined and Coated Body for Buried Service, Ductile Iron Body and Disc.)	Pratt Mueller M & H Dezurik Crispin/Keystone	Groundhog/ HP 250 Lineseal XPII Model 4500 Class 150 (12"-24") Model 1450 Class 150B (30"-42") N/A K-Flo 500 or 47 series
B-03: 1" Corp.		
1. CT. Comp. Inlet-IPT (Used with service saddle)	Jones Mueller A.Y. McDonald Ford	E-1935-SG H-15028 74704BQ FB1100-4-Q-NL
2. Inlet-AWWA Taper Thread (Ductile Iron Pipe only; Direct tap without service saddle)	Jones Mueller A.Y. McDonald	E-1937-SG 25008N 74701BQ
B-04: 2" Corp.		
12" Main & Smaller, 2" Corp. on DIP to be IPT with Saddle, larger mains to be Direct Tap with AWWA Taper. 2" Corp. Stops shall be ball valve type.		
1. CT. Comp. Inlet-IPT (Used with service saddle)	Jones Mueller A.Y. McDonald Ford	E-1935-SG H-15023N 74704BQ FB1100-7-Q-NL
2. Inlet-AWWA Taper Thread (Ductile Iron Pipe only; Direct tap without service saddle)	Jones Mueller A.Y. McDonald	E-1937-SG H-15013N 74701BQ

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<u>DESCRIPTION</u>	<u>MANUF./SUPPLIER</u>	<u>NUMBER</u>
SECTION B: VALVES (Continued)		
B-05: 1" Angle Stop: LW. CT. Comp. (Shall be ball valve type; shall be quarter turn check)	Jones Mueller** A.Y. McDonald	E-1963WSG B-24258-1N 74602BQ
B-06: 1" Angle Stop: LW. FIPT Inlet (For use on Service Manifolds only; Shall be ball valve type)	Jones Mueller A.Y. McDonald	E-1527 B-24265N 74604B
B-07: 2" Angle Stop For use on all 2" Services; shall be ball valve type		
1. LW Slotted FIPT Inlet	Jones (Ball Valve) Mueller (Ball Valve) A.Y. McDonald	E-1974-W B-24286N 74604B
B-08: 1" CCV Assembly		
1. Ball Valve, 1/4" turn	Ford Jones	B11-444HB-34SNL E-1905
B-09: 1 - 1/2" CCV Assembly		
1. Brass Gate Valve	Milwaukee Watts	UP105 LFGV-1-1/2"
B-10: 2" CCV Assembly		
1. Brass Gate Valve	Milwaukee Watts	UP105 LFGV-2"
B-11: 1" Air Valve		
NOTE: Air Valves - Ductile Iron Bodies, Stainless Steel Trim, Fusion Bonded Epoxy Lining, Typical of all Air Valves	Val-Matic* Apco* Crispin* ARI	201C 143C UL SERIES D-040 (p-threaded) w/screen

***DWA Purchase Only, Consult Warehouse Prior to Purchase.**

****Checkless 360° turn angle stop accepted for Mueller B-24258-1N Only.**

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<u>DESCRIPTION</u>	<u>MANUF./SUPPLIER</u>	<u>NUMBER</u>
SECTION B: VALVES (Continued)		
B-12: 2" Air Valve	Val-Matic*	202C
	Apco*	145C
	Crispin	UL-SERIES
	ARI	D-040(p-threaded) w/screen
B-13: 4" Air Valve Class 150 Flanged only	Val-Matic*	204C
	Apco*	149C
	Crispin	UL Series
	ARI	0-060-C HF
B-14: 3/4" Ball Valves (Backflow Devices) 1. Tapped (Made for Febco, Hersey, Watts or Wilkins)	Fortune Figure	601-QT
B-15: 1" Ball Valves (Backflow Devices) 1. Tapped (Made for Febco, Hersey, Watts or Wilkins)	Fortune Figure	601-QT
B-16: 1-1/2" Ball Valves (Backflow Devices) 1. Tapped (Made for Febco, Hersey, Watts Wilkins)	Fortune Figure	601-QT
B-17: 2" Ball Valves (Backflow Devices) 1. Made for Febco, Hersey, Watts or Wilkins)	Fortune Figure	601-QT
B-18: Flap Valve	Clow	F-3012
B-19: 1" Service Stop (DWA Use Only) 1. Lock Wing	A Y McDonald Mueller	76101W B20200N
B-20: 2" Service Stop (DWA Use Only) 1. Lock Wing	A Y McDonald Mueller	76101W B20200N

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SECTION C: FLANGES

Certifications Required

NOTE: All Flanges shall be forged or plate steel material; 4” through 12” shall be per AWWA C-207, Class E Hub or ANSI B 16.5 Class 150; Flanges 16” and larger shall be per AWWA C-207, Table 5, Class E milled Ring Flanges.

C-01: Weld Flanges

1. Raised Face

Ameri-Forge Corp.	<u>N/A</u>
Texas Flange	<u>N/A</u>
Pacific Coast Flange Inc	<u>N/A</u>
Weld Bend	<u>N/A</u>
BolTex	<u>N/A</u>
Hackney Ladish	<u>N/A</u>

2. 6 Hole F.H. Flange (Full Face)

Ameri-Forge Corp.	<u>N/A</u>
Texas Flange	<u>N/A</u>
Pacific Coast Flange Inc	<u>N/A</u>
Weld Bend	<u>N/A</u>
BolTex	<u>N/A</u>
Hackney Ladish	<u>N/A</u>

C-02: Reducing Flanges

1. Raised Face

Ameri-Forge Corp.	<u>N/A</u>
Texas Flange	<u>N/A</u>
Pacific Coast Flange Inc	<u>N/A</u>
Weld Blend	<u>N/A</u>
BolTex	<u>N/A</u>
Hackney Ladish	<u>N/A</u>

C-03: Companion Flanges

1. Full Face or Ductile Iron
Raised Face

Ameri-Forge Corp.	<u>N/A</u>
Texas Flange	<u>N/A</u>
Pacific Coast Flange Inc	<u>N/A</u>
Weld Blend	<u>N/A</u>
BolTex	<u>N/A</u>
Hackney Ladish	<u>N/A</u>

C-04: Blind Flanges

1. Raised Face

Ameri-Forge Corp	<u>N/A</u>
Texas Flange	<u>N/A</u>
Pacific Coast Flange Inc	<u>N/A</u>
Weld Blend	<u>N/A</u>
BolTex	<u>N/A</u>
Hackney Ladish	<u>N/A</u>

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SECTION D: FITTINGS

D-01: Steel, CML/CMC 10 Ga.

Ameron	N/A
Northwest	N/A
Tube Forging (fittings)	N/A
Kelly	N/A
CSI	N/A
Hackney Ladish	N/A
Southland Pipe	N/A
West Coast Welding	N/A

D-02: Steel, CML/CMC Std.

Ameron	N/A
Northwest	N/A
Tube Forging	N/A
Kelly	N/A
Hackney Ladish	N/A
Southland Pipe	N/A
West Coast Welding	N/A

D-03: Ductile Iron, CML

1. Flanged C110/A21.10 (Full Body, Long Lay Length) Eccentric	Star Pipe	N/A
	Tyler/ Union Foundry	N/A
	SIP Industries	N/A
	Sigma Corporation	N/A
2. Push-on Rubber Gasketed C153/A21.53 (Compact Body) (Tyton Bell Interchangeability)	Star Pipe	N/A
	Tyler/Union Foundry	N/A
	U.S. Pipe	N/A
	Sigma Corporation	N/A
	SIP Industries	N/A

D-04: Asbestos-Cement (No Longer Used)

D-05: Brass (U.S.A. Made Only)

NOTE: Effective Jan. 1, 2010 brass fittings must meet lead free requirements of Calif. AB1953.

Lee Brass	N/A
Elkhart Products Corp.	N/A
Merit Brass	N/A

D-06: Galvanized (U.S.A. Made Only)

Ward Mfg.	N/A
Grinnell	N/A

D-07: Black Steel (No longer used)
(No longer used)

N/A

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SECTION E: VAULTS / METER BOXES

NOTE: Concrete meter boxes will not be accepted

E-01: Meter Box with Lid, (1" Service)		
1. 10"x20"x12 Poly Base (12" Deep), 1 piece poly cover with no hinge. Lid not to be marked other than "DWA"	J & R*	Box: 10"x20"x12" No. P-W4-0 Lid: 1 Pc
	Armorcast*	Box: A 6000486 Cover: A 6000483-D Drop-in for cover: 6000487
	CDR/Hubbell*	Box: 11"x20"x12" No. PG1120BA12 Cover: PG1120WA00
Traffic Rated Meter Box with Lid (1" Service)		
2. Lid not to be marked other than "DWA"	DFW Plastics, Inc.	Box: 15 1/8"x23 1/2"x12" No. DFW486RF4-12-4
E-02: Meter Box with Lid, (2" Service)		
1. 17"x28"x12" Poly Base (12" Deep), 2 piece poly cover with reading lid (no hinge). Lid not to be marked other than "DWA"	J&R*	Box: 17"x28"x12" No. P-W5 1/2 Lid: 2 Pc
	Armorcast*	Box: A6001419 Lid: A6001420-D Drop-in for cover: A600481
Traffic Rated Meter Box with Lid (2" Service)		
2. Lid not to be marked other than "DWA"	DFW Plastics, Inc.	Box: 16 5/16"x31 3/4"x12" No. DFWPW6C4-12-4
E-03: Vault (W/ SWF & C Armored, Plain) (No Longer Used)		
E-04: Street Valve Box with Lid		
1. Stamped "DWA" only	Jensen Eisel Enterprises Southbay Foundry J & R	N/A N/A SBF-SBTT V-4T
Mark V Heavy Triangle Box with Lid		
2. 10" Mark V Tri Lid Stamped "DWA" only	Bingham & Taylor	GRE10RTF
E-05: Valve Box Extensions		
	C-900 Jensen	N/A N/A
E-06: Customer Control Valve Box		
	J & R (Polymer Only)	VI-R

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SECTION E: VAULTS / METER BOXES (Continued)

E-07: Traffic Vault

Jensen
J&R

W-3048

N/A

E-08: Traffic Lid

Bolt-down traffic rated cover designed
for AASHTO H-20 wheel loading

Jensen
J&R

N/A

N/A

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SECTION F: FIRE HYDRANTS

F-01: Residential		
Ductile Iron or Bronze		
(Ductile Iron shall have 1-1/8" cap and operating nut with plastic nozzle cap)	Jones	<u>J-3700 (Bronze)</u>
	Jones	<u>J-4040 D (Ductile Iron)</u>
	Clow*	<u>2050 (bronze)</u>
	Clow*	<u>850 Ductile Iron</u>
F-02: Commercial		
Ductile Iron or Bronze		
(Ductile Iron shall have 1-1/8" cap and operating nut with plastic nozzle cap)	Jones	<u>3765 (Bronze)</u>
	Jones	<u>J-4060 D (Ductile Iron)</u>
	Clow*	<u>2060 (bronze)</u>
	Clow*	<u>860 Ductile Iron</u>

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<u>DESCRIPTION</u>	<u>MANUF./SUPPLIER</u>	<u>NUMBER</u>
<u>SECTION G: BACKFLOW DEVICES</u>		
G-01: Double Check 1. 3/4" – 1" – 1 1/2" – 2" (above ground only)	Wilkins	<u>950XLT2</u>
G-02: Reduced Pressure 1. 3/4" – 1" – 1 1/2" – 2"	Wilkins Febco*	<u>975XL2</u> <u>825YA</u>
G-03: Double Check, Detector Check N-Pattern (with resilient seated OS&Y gate valve) 1. 4" – 6" – 8" – 10"	Febco	<u>LF876 "V" DCDA w/setter</u>
G-04: Inline Single Check 1. 1" meters (for use on residential meters only)	Wilkins	<u>1¼" 40XL2</u>

* DWA Purchase Only

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<u>DESCRIPTION</u>	<u>MANUF./SUPPLIER</u>	<u>NUMBER</u>
<u>SECTION H: MISCELLANEOUS</u>		
H-01: Service Saddles		
1. Double Strap, Bronze IPT	Ford	202-B
NOTE: Required for 2” service on ductile iron mains 12” and smaller. Used with CT. Comp. Inlet-IPT Corporation Stop.	James Jones	J-979
	Mueller	BR-2-B
	Romac	202-B
	AY McDonald	3826
2. Double Strap, Iron (For DWA use only)	Smith-Blair	313
H-02: Adapters		
1. RT x Flange (AC Pipe)	Romac Smith-Blair	CGFA 912
2. Push-on Rubber Gasketed x Flange (C153, DIP) (Tyton Bell Interchangeability)	Tyler /Union U.S. Pipe Star	N/A N/A N/A
H-03: Concrete (Portland Cement Mix Design) SUBMIT MIX DESIGN FOR APPROVAL	Various	N/A
H-04: Gaskets (Ring Flange, Ductile Iron Pipe Restrained Joint)		
NOTE: NSF Certification Required		
Ring Flange:		
1. 1/16” Non-Asbestos	Garlock Klinger Tripac	Blue-Gard Style 3000 4401 green Blue-Gard Style 3000
2. 1/8” Flange Tyte (for Epoxy Coated Flanges)	U.S. Pipe Tripac	N/A 2000 (Rubber)
3. Ductile Iron Pipe Tyton Joint Restraint:	US Pipe McWane	Field Lok 350 Sure Stop 350
H-05: Gaskets (Fire Hydrant)	Romac	N/A

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<u>DESCRIPTION</u>	<u>MANUF./SUPPLIER</u>	<u>NUMBER</u>
SECTION H: MISCELLANEOUS (Continued)		
H-06: Nuts, Bolts (Unplated) (Certifications Required)		
1. F.H. Bolts		
a) Breakaway 5/8" x 2-3/4" ASTM A-307, Std. Hex or SAE J-429 Grade 2	Nucore Premier Fastener Co. Brimingham Fastener Manufacture Tripac ITP	N/A N/A N/A N/A N/A
b) Breakaway 5/8" 3", ASTM A-307, Std. Hex or SAE J-429 Grade 2	Nucore Premier Fastener Co. Brimingham Fastener Manufacture Tripac ITP	N/A N/A N/A N/A N/A
2. F.H. Nuts ASTM A-563, Grade 0 Std. Hex	Nucore Premier Fastener Co. Birmnghm Fastener Manuf. Tripac ITP	N/A N/A N/A N/A N/A
3. All Other Bolts 5/8" to 1-1/2" Diameter U.S. Only ASTM A-325 or SAE J429, Grade 5 Heavy Hex	Nucore Premier Fastener Co. Birmnghm Fastener Manuf. Tripac ITP	N/A N/A N/A N/A N/A
4. Nuts		
a) ASTM A-563, Grade C Heavy Hex, or SAE J 995 grade 5 Hex (Std). For use with SAE J429 or A 325 Bolts	Birminghm Fastener Manuf. Nucore Premier Fastener Co. Tripac ITP	N/A N/A N/A N/A N/A
H-07: Tracing Wire (500 Ft. Rolls Max) Coated 14 Gage	N/A	N/A
H-08: Pipe Wrap	Protecto Wrap	#200A
H-09: Bronze 90°, CT x FIP 2" CT Comp 90 x FIP	Jones Mueller	J-2621SG H15533

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<u>DESCRIPTION</u>	<u>MANUF./SUPPLIER</u>	<u>NUMBER</u>
SECTION H: MISCELLANEOUS (Continued)		
H-10: Stainless Steel Bands (No Longer Used)		
H-11: Pipe Dope	J.C. Whitlam Mfg. select Teflon	Unyte TF8
	LA-CO T.D.T	12219
	Hercules (Real-Tuff)	15-620
H-12: Service Couplings		
1. 1" CT x CT	Ford	C44-44-GNL
	Jones	E-2609-SG
	Mueller	H-15403N
	AY McDonald	4758Q
2. 2" CT x CT	Ford	C44-77-GNL
	Jones	E-2609-SG
	Mueller	H-15403N
	AY McDonald	4758Q
H-13: Brass Nipple		
1. 1" x 12"	Lee Brass	N/A
	Edmond Gray	N/A
	Smith Cooper	N/A
2. 2" x 18"	Lee Brass	N/A
	Edmond Gray	N/A
	Smith Cooper	N/A
H-14: Meter Coupling (DWA use only)		
1. 5/8"	Ford	C31-23NL
2. 1" x 5/8"	Ford	C31-24NL
3. 1"	Ford	C31-44NL
H-15: Meter Flange (DWA use only)		
1. 1-1/2" C1	Romac	C-1
2. 2" C1	Romac	C-1
H-16: Air Valve Cover		
1. 24"x36" Armorcast	Armorcast	P6002001

DESERT WATER AGENCY

APPROVED MATERIAL LIST – WATER

<u>DESCRIPTION</u>	<u>MANUF./SUPPLIER</u>	<u>NUMBER</u>
SECTION H: MISCELLANEOUS (Continued)		
H-17: Air Valve Screen		
1. 1” dia.	Northtown Co.	FUJ-100
2. 2” dia.	Filters, Inc.	N/A
	Flow Ezy	M-16-10
	Northtown Co.	FUJ-200
3. 4” dia.	Filters, Inc	N/A
	Northtown Co.	FUJ-400
H-18: Bolt Anti-Seize Material		
	Flo-Pro Hi-Temp	C5-A
	Lawson Lubri-Temp	19920
	Markal/E-Z Break	08910
H-19: Tapping Sleeves Factory Certified to 1.5 WPR (or 225 psi)		
1. AC and Ductile Iron Pipe repair. (For DWA use only)	Romac Cascade Mueller	SST III SERIES CST-EX H304
H-20: Mechanical Joint Restraint System (application subject to DWA approval)		
1. MJ x Flange Adapter	Tyler/Union Star Pipe U.S. Pipe	N/A N/A N/A
2. Dual Purpose Cut-In Sleeve	Tyler/Union Star Pipe U.S. Pipe	N/A N/A N/A
3. Mechanical Joint Restraint	Star Pipe Mega-Lug Romac	Star Grip 3000 1100 Romagrip

DESERT WATER AGENCY

APPROVED MATERIAL LIST – WATER

<u>DESCRIPTION</u>	<u>MANUF./SUPPLIER</u>	<u>NUMBER</u>
SECTION J: WATER QUALITY SAMPLE STATION		
J-1: 1/2" Brass Compression Male Connector (Std.) (1/2" Tube x 1/2" Pipe Thread)	N/A	N/A
J-2: Water Quality Sample Station Cover Sandstone color finish.	Armorcast	P6002010-Hinged
J-3: 1/2" Full-Port Ball Valve (Untapped)	Watts Wilkins	N/A
NOTE: Effective Jan. 1, 2010, 1/2" full port ball valve must meet lead free requirements of Calif. AB1953.		N/A
J-4: 1" x 3/4" Meter Adapter	Ford	24NL
J-5: 1" x 1/2" Brass Bushing	N/A	N/A
NOTE: Effective Jan. 1, 2010, 1" x 1/2" brass bushing must meet lead free requirements of Calif. AB1953.		N/A
J-6: 1/2" Soft Copper Tubing (Heavy Duty)	N/A	N/A
J-7: Water Sample Valve	Koraleen Enterprises	N/A

APPENDIX A: REVISIONS

A-06/17/09

UPDATES:

1. Added alternate part numbers for all applicable brass material
Alternate part numbers denoted by asterisk *
Added caution note: where applicable regarding use of material not meeting requirements of Calif AB1953
2. A-03 Added Class 250 for 14” – 24” DIP & Class 155 for DIP greater than 24”
3. B-01.2 Added 25 AVK
4. B-02.1 Added Linesal III, Model 4500 & 1450, Keystone
5. B-03.1, .2 Deleted Ford 1” Corp Stops
6. B-04.1, .2 Deleted Ford 2” Corp Stops
7. B-05 Deleted Ford 1: Angle Stop LWCT
8. Deleted Ford 1” Angle Stop LW FIPT
9. B-11 Deleted Vento-O-Mat 1” Air valve, Added ARI 1” Air valve
10. B-12 Deleted Vento-O-Mat 2” Air valve, Added ARI 2” Air valve
11. B-13 Deleted Vento-O-Mat 4” Air valve, Added ARI 4” Air valve
12. B-19.1 Deleted Jones 1” service stop, Added AY McDonald 1” service stop
13. B-20.1 Deleted Jones 2” service stop, Added AY McDonald 2” service stop
14. C-01, C-02, C-03, C-04 Deleted Daniel Industrial Companion Flanges
15. Sec. D. Removed all references that reducers should be eccentric
16. D-03.1, .2 Change Tyler pipe to read Tyler/Union Foundry, added SIP Industries
17. E-01.1 Modified material description and eliminated reference to 33 style
18. E-02.2 Modified material description and eliminated reference to 65 style
19. F-01 Deleted AVK and Long Beach residential fire hydrant, added Clow DI and Bronze fire hydrant
20. F-02 Deleted AVK and Long Beach commercial fire hydrant, added Clow DI and Bronze
21. G-03 Deleted Febco 856 DCDA w/OS&Y and Wilkins (8 & 10”)
950 DA w/OS&Y. Changed 876 DCDA “N” w/Settler to 876 “V” DCDA w/Settler
22. H-01.1 Added Romac service saddle
23. H-01.2 Added Smith Blair service saddle
24. H-04.2 Added “Rubber” to Tripac 2000 flange tyte
25. H-16.1 Deleted 27” pipe pvc 80 psi, pw pipe and JM Manufacturing
26. H-16.2 Deleted 27” slip cap, Freedom Manufacturing and Head Manufacturing
27. H-17.2 Changed M-16-8 to M-16-10
28. H-20 Added mechanical joint restraint system MJX flange adapter, dual purpose cut-in-sleeve and mechanical joint restraint
29. J-7 Added water sample valve

B-03/15/2017

UPDATES:

1. A-03 Company Name Change from Pacific States to McWane Ductile
2. B-01 Replace Mueller A 2361 with A 2362
3. B-02 Replace Mueller Linesal III with Linesal XPII
4. E-01 Add Traffic Rated Box & Lid No. DFW486RF4-12-4
5. E-02 Add Traffic Rated Box & Lid No. DFWPW6C4-12-4

C-07/05/2017

UPDATES:

1. Reinstate disclosure statement above section A-01 regarding approved materials

DESERT WATER AGENCY

APPROVED MATERIAL LIST – WATER

D-11/22/17

UPDATES:

1. B-06 Deleted Mueller H14265
2. H-04 Add NOTE: NSF Certification Required

E-3/23/18

UPDATES:

1. B-01.3 Add Mueller A-2360-6
2. F-01 Add note to page “DWA Purchase Only” and asterisk to items Clow 2050 (bronze) and Clow 850 Ductile Iron.
3. F-02 Add note to page “DWA Purchase Only” and asterisk to items Clow 2060 (bronze) and Clow 860 Ductile Iron.
4. E-01.1 Add note to page “DWA Purchase Only” to all items listed.
5. E-02.1 Add note to page “DWA Purchase Only” to all items listed.

F-02/28/19

UPDATES:

1. B-01.3 Replaced Mueller A-2360-6 with A-2362-6
2. B-03.1 Add note, “Used with service saddle”
3. B-03.2 Add note, “Direct tap without service saddle”
4. B-04.1 Add note, “Used with service saddle”
5. B-04.2 Add note, “Direct tap without service saddle”
6. B-05 Add note, “shall be quarter turn check”
7. Page 4 of 6 Add footnote, “**Checkless 360° turn angle stop accepted for Mueller B-24258-1N Only”
8. E-07 Deleted Brooks W-200-18 Series
9. E-07 Deleted Quickset
10. E-07 Add Jensen
11. E-07 Add J&R
12. E-08 Replaced note, “(one-piece with 5/16” Floor Plate” with “Bolt-down traffic rated cover designed for AASHTO H-20 wheel loading”
13. E-08 Add Jensen
14. E-08 Add J&R
15. G-03 Add note, “N-Pattern”
16. H-04.1 Replace “Style 3000 blue/green” with “Blue-Gard Style 3000”
17. H-04.1 Replace “5000” with “Blue-Gard Style 3000”

G-04/03/20

UPDATES:

1. J-2 Replaced Pipeline Products WTS 858 with Armorcast P6002010
2. J-2 Add note, “Sandstone color finish”