

DESERT WATER



APPROVED MATERIALS LIST

SEWER

DESERT WATER AGENCY
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REV. DATE 08/12/2019

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APPENDIX A: REVISIONS

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. ALL TESTING SHALL BE PERFORMED BY A LABORATORY ACCREDITED BY THE AMERICAN ASSOCIATION FOR LABORATORY ACCREDITATION IN MECHANICAL TESTING AS LISTED IN THE CURRENT A2LA DIRECTORY OF ACCREDITED LABORATORIES, OR A LABORATORY WITH A CURRENT CERTIFICATION BY THE NATIONAL AEROSPACE AND DEFENSE CONTRACTORS ACCREDITATION PROGRAM (NADCAP). SAID MATERIAL SHALL BE TRACEABLE AS TO MANUFACTURING LOCATION, IDENTIFICATION CODE, DATE OF TESTING, AND DATE OF SHIPPING.

DESERT WATER AGENCY

APPROVED MATERIALS LIST – SEWER

DESCRIPTION

MANUF./SUPPLIER

NUMBER

SECTION SA: PIPE

SA-01: Ductile Iron

- | | | |
|--|---|-------------------------|
| 1. Class 150, CML with interior asphaltic seal coating, push-on rubber gasketed, Tyton interchangeability. | American
McWane Ductile
U.S. Pipe | _____

_____ |
| 2. Class 150, ceramic epoxy lined, push-on rubber gasketed, Tyton interchangeability | American
McWane Ductile
U.S. Pipe | _____

_____ |

SA-02: Vitrified Clay (VCP)

- | | | |
|--|---------------------------------|----------------|
| 1. Extra strength, Bell & Spigot with type "G" (polyurethane) joints | Pacific Clay
Gladding McBean | _____
_____ |
|--|---------------------------------|----------------|

SA-06: Laterals (VCP)

- | | | |
|--|---------------------------------|----------------|
| 1. Extra strength, Bell & Spigot with type "G" (polyurethane) joints | Pacific Clay
Gladding McBean | _____
_____ |
|--|---------------------------------|----------------|

SA-08: Standard Wt. Galvanized

- | | | |
|---------------------------------------|--|---|
| 1. 1" Schedule 40 Std. Wt., ASTM A53F | Frontier 1
Stockton
Union Steel
Laclede
Grinnell | _____

_____ |
| 2. 2" Schedule 40 Std. Wt., ASTM A53A | Frontier 1
Stockton
Union Steel
Laclede
Grinnell | _____

_____ |

DESERT WATER AGENCY

APPROVED MATERIALS LIST – SEWER

DESCRIPTION

MANUF./SUPPLIER

NUMBER

SECTION SB: VALVES

SB-01: Gate

1. 2” Threaded, and 4” to 16” Flanged, Resilient Seat, Epoxy Lined & Coated, Ductile Iron Body (12”-16” U.S. Pipe only)	American Flow Control Clow U.S. Pipe M & H	Series 2500 _____ _____ _____
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SB-02: Plug

1. Flanged Eccentric, Non-lubricated	Dezurik Clow Val-Matic	_____ _____ _____
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NOTE: Air Valves shall be combination sewage air and vacuum (air, vacuum & automatic release) with attachments, double orifice with elongated CI body, stainless steel float, internal work part (including guides) and pressure seats, fusion bonded epoxy lining typical of all air valves.

SB-07: 1” Air Valve

Apco Val-Matic Crispin	4 43 SCAV 801 LBW USL 20B
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SB-08: 2” Air Valve

Apco Val-Matic Crispin	445 SCAV 802 BW US 20B
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SECTION SC: FITTINGS

SC-01: Ductile Iron

1. Push-on Rubber Gasketed C153/A21.53 CML, with Asphaltic Seal Coating, Tyton Bell interchangeability	Starr Tyler Union Foundry U.S. Pipe Sigma Corporation	_____ _____ _____ _____ _____
2. Push-on Rubber Gasketed C153/A21.53, Ceramic Epoxy Lined, Tyton Bell interchangeability	Starr Tyler Union Foundry U.S. Pipe Sigma Corporation	_____ _____ _____ _____ _____
3. Flanged C110/A21.10 CML with Asphaltic Seal Coating	Starr Tyler Union Foundry U.S. Pipe Sigma Corporation	_____ _____ _____ _____ _____

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<u>DESCRIPTION</u>	<u>MANUF./SUPPLIER</u>	<u>NUMBER</u>
<u>SECTION SC: FITTINGS</u> (Continued)		
SC-02: Vitriified Clay (VCP)		
1. Extra strength, Bell & Spigot type "G" (polyurethane) joints	Pacific Clay Products Gladding McBean	_____
<u>SECTION SD: MAN-HOLE / CLEAN-OUT</u>		
SD-01: Pre-cast, Reinforced Concrete Man-hole Shaft		
	Inland Concrete	_____
	Southwest Concrete Products	_____
	Manhole Builders Inc.	_____
	Armorock	_____
SD-02: Adjusting Rings		
	Inland Concrete	_____
	Southwest Concrete Products	_____
	Manhole Builders Inc.	_____
SD-03: C.I. Man-hole Frame & Cover ("DWA SEWER" to be cast in cover) Diamond Tread	Alhambra Foundry Southbay Foundry, Inc. Long Beach Ironworks, Inc.	A 1254 SBF 1254 X-106E
SD-06: C.I. Clean-out Frame & Cover ("SEWER" to be cast in cover)	Alhambra Foundry Southbay Foundry, Inc. Long Beach Ironworks, Inc.	A 1241 SBF 1241 X-510B
SD-07: Wet-Well (Pre-cast, reinforced concrete) SUBMIT FOR APPROVAL	Various	N/A

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<u>DESCRIPTION</u>	<u>MANUF./SUPPLIER</u>	<u>NUMBER</u>
<u>SECTION SE: VAULTS / VALVE COVERS</u>		
SE-01: Traffic Box (cover stamped "SEWER" only)	Brook Eisel Ent. Southbay Foundry	4TT SBTT
SE-02: Valve Box Extension C-900, 8" PVC Pipe, Pressure Class 235, DR-18	Various	N/A
SE-03: Traffic Vault	Brooks Quikset	W-200 Series
SE-04: Traffic Lid (one-piece with 5/16" Floor Plate)	Brooks	200-18
SE-05: Equipment Hatch (Aluminum Spring Assisted, stainless steel hardware)	Bilco Dur-Red	
<u>SECTION SH: MISCELLANEOUS</u>		
SH-01: Portland Cement Mix Design <u>SUBMIT FOR APPROVAL</u>	Various	N/A
SH-03: Stoppers <u>SUBMIT FOR APPROVAL</u>		
1. PVC	Various	N/A
2. PE	Various	N/A
3. ABS	Various	N/A
4. VCP	Various	N/A
SH-04: Collar-WYE Saddle		
1. Extra strength VCP, type "G" (polyurethane) joints	Pacific Clay Products	
SH-05: Cut-in WYE		
1. Stainless Steel Banded, extra strength VCP, type "G" (polyurethane) joints	Pacific Clay Products	

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APPROVED MATERIALS LIST – SEWER

DESCRIPTION

MANUF./SUPPLIER

NUMBER

SECTION SH: MISCELLANEOUS (Continued)

SH-06: Nuts, Bolts (Unplated)
(Certifications Required)

- | | | | |
|----|---|---|-------------------------|
| 1. | 5/8 to 1 1/2" Diameter (U.S. only)
ASTM A-325 or SAE J429,
Grade 5 only | Nucor
Premier Fastener Co.
Birmingham Fastener Mfg. | _____

_____ |
| 2. | Nuts, ASTM A-563 (Grade C)
or J995 (Grade 5) | Nucor
Premier Fastener Co.
Birmingham Fastener Mfg. | _____

_____ |

SH-07: Gasket Ring Flange

- | | | | |
|----|--|--------------------|----------------|
| 1. | 1/16" Non-Asbestos | Garlock
Klinger | _____
_____ |
| 2. | 1/8" Flange Tyte
(for Epoxy-Coated Flanges) | U.S. Pipe | _____ |

SH-08: Repair Coupling
Band Seal Type with Outside
Stainless Steel Shear Ring,
6" width minimum
SUBMIT FOR APPROVAL

Various	_____ N/A
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APPENDIX A: REVISIONS

A-08/12/19

UPDATES:

1. SA-01 Company Name Change from Pacific States to McWane Ductile
2. SA-08 Add Std. Wt.
3. SD-01 Add Manhole Builders Inc.
4. SD-01 Add Armorock
5. SD-02 Add Manhole Builders Inc.
6. SD-07 Add note, "SUBMIT FOR APPROVAL"
7. SE-02 Add note, "C-900, 8" PVC Pipe, Pressure Class 235, DR-18"
8. SE-02 Deleted Brooks
9. SH-01 Add note, "SUBMIT FOR APPROVAL"
10. SH-03 Add note, "SUBMIT FOR APPROVAL"
11. SH-08 Added Repair Coupling section