



# **ELSINORE VALLEY**

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MUNICIPAL WATER DISTRICT

## **VOLUME 4 SUPPLEMENTAL STANDARDS: APPROVED MATERIALS LIST**

**JUNE 2023**

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# **POTABLE WATER AND RECYCLED WATER FACILITIES**

**ELSINORE VALLEY MUNICIPAL WATER DISTRICT  
APPROVED MATERIALS LIST  
FOR USE ON NEW CONSTRUCTION OF  
POTABLE WATER AND RECYCLED WATER FACILITIES**

ITEM	DESCRIPTION	MANUFACTURER
ADAPTER, FLANGE COUPLING	4" and larger, mechanical x flange. Steel or ductile iron construction without anchor pins, epoxy coated, 304 stainless steel bolts and nuts	Ford FFCA Style Romac FCA501, FC400 Smith-Blair 912, 913 Uni-Flange JCM 301, 303
AIR/VACUUM VALVE ENCLOSURE	Lightweight plastic with integral mounting base and fastening system. Use enclosure size as indicated below. 1" and 2" Air Vac Sizes Use: 14" x 24" 4" and 6" Air Vac Sizes Use: 18" x 30" 6" Air Vac Sizes Use: 24"x36" Yellow for Potable Water Purple for Recycled Water	Pipeline Products- VCAS 1424, VCAS 1830 VCDD
AIR VENTS	Air vents for high points in the system, at heat transfer coils, and elsewhere as required for system air venting	Armstrong Machine Works Bell & Gossett ITT Hoffman Specialty ITT Spirax Sarco
AUTOMATIC FLOW LIMITING BALANCING DEVICES	As required to facilitate system balancing	Bell & Gossett ITT Flow Design Griswold Kates
BACKFLOW PREVENTER - DOMESTIC SERVICES	Approved assemblies per USC (University of Southern California)	Wilkins – 975XL2, 375XL, 375, 475 Febco – LF825Y, LF825YA, LF860 Watts – LF009 Apollo – RPLF4A
BACKFLOW PREVENTER - IRRIGATION SERVICES	Approved assemblies per USC (University of Southern California)	Wilkins – 975XL, 975XL2, 375XL, 375, 475 Febco – 825Y, 825YA, 860, LF825Y, LF825YA, LF860 Watts – 009, LF009 Apollo – RP4A, RPLF4A

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ITEM	DESCRIPTION	MANUFACTURER
BACKFLOW PREVENTER - FIRE SERVICES	Approved assemblies per USC (University of Southern California)	Wilkins – 350DA, 350ADA, 350ADAR, 350ASTDAR, 450DA, 450STDA, 450STDAR Watts – 709DCDA, 774DCDA, 757DCDA Ames – 3000SS, C300 Apollo – ALF4AN
BACKFLOW PREVENTER - COMBO SUPPLY WITH FIRE SERVICE	Approved assemblies per USC (University of Southern California)	Wilkins – 375DA, 375ADA, 375ADAR, 475DA, 475STDA, 475STDAR, 3755ASTDAR Watts – 909RPDA, 957RPDA, 994RPDA Ames – C500, 5000SS Apollo – LF4AN
BLADDER/DIAPHRAGM TYPE AIR ELIMINATION TANKS	Size and number as indicated; shell constructed of steel per ASME Section VIII, Division 1; bladder/diaphragm constructed of heavy duty Butyl, bladder type to be removable for inspection and replacement	Amtrol, Inc Armstrong Pumps, Inc Bell & Gossett ITT Taco, Inc
CASING END SEAL	Polyethylene casing spacer, center restrained, position type with PVC liner and non-metallic anti-friction runners	Advances Products & Systems Cascade Water Works Calpico CCI Products
CASING, SPACER	Polyethylene casing spacer center restrained position type with PVC liner and non-metallic anti-friction runners	Advanced Products & Systems, INC (APS) Cascade Water Works Pipeline Seal & Insulator, Inc. (PSI) CCI Products

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ITEM	DESCRIPTION	MANUFACTURER
COATING	All coatings shall be per EVMWD Standard Specification Section 09800.	Akzo Nobel Carboline Company Sherwin Williams Tnemec Sanchem, Inc. Christy's NO-OX-ID
CORPORATION STOP, MIP X COMPRESSION	Bronze MIP x compression thread ball valve (T-Head only) 1" and 2" full opening	Ford FB110-X-NL Jones E-1935 A. Y. McDonald Mueller Cambridge 301NL
COUPLING	Three part compression coupling (both ends) for 1" and 2" copper pipe	Ford C44-G Series A. Y. McDonald Jones Smith Blair Cambridge 119NL Multi Certainteed Iplex
COUPLING, C900 PVC DEFLECTION	4" through 12" Solid PVC for obtaining deflection only. Provides 5 degree maximum deflection	Any AWWA Compliant
UNIVERSAL BRASS COUPLING	1", 2" brass, compression x compression	Cambridge 119NL U Series
COUPLING, C900 PVC CLOSURE OR REPAIR	4" through 12" solid PVC for closure or repair	Multi Certainteed Iplex Any AWWA Compliant
COUPLING, C905 PVC CLOSURE OR REPAIR	16" through 36" solid PVC for closure or repair	Multi Certainteed Iplex Nyloplast Any AWWA Compliant
COUPLING, FULL CIRCLE REPAIR BAND	Stainless steel full circle repair band. Min 12" width	Romac Ford and Smith Blair
COUPLING, INSULATED, COMPRESSION X	Three part compression insulated coupling (both ends) for 1" copper pipe	A. Y. McDonald 4755DBT Mueller N-35403 Ford Jones

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ITEM	DESCRIPTION	MANUFACTURER
COMPRESSION COUPLING, STRAIGHT FLEXIBLE	4" and larger, ductile iron construction, slip x slip, epoxy coated with 304 or 316 stainless steel bolts and nuts. For use on PVC or DI	Ford FCI (DI) Romac 501 (DI) Smith-Blair 411(Stl.), 441 (DI) 442, 461, 462 JCM 210, 215, 241, 242 Romac 501 (DI), ALPHA
COMPRESSION TANKS	Size and number as indicated; construct of welded carbon steel	Amtrol, Inc Armstrong Pumps, Inc Bell & Gossett ITT Taco, Inc
COUPLING, TRANSITION FLEXIBLE	4" and larger, ductile iron construction, slip x slip, epoxy coated with 304 or 316 stainless steel bolts and nuts. For use on AC, PVC, or DI	Ford FC2A (DI) Romac 501 (DI) Smith-Blair 413 (Sti.), 411 (DI) 441, 442, 461, 462 JCM 212, 241, 242 Romac 501 (DI), ALPHA
DISMANTLING JOINT	4" and larger steel spigot ASTM A283 Grade C, flange adaptor steel or ductile iron ASTM A536 Grade 65-45- 12	Viking Johnson Smith-Blair 975 JCM 309
DIVERTING FITTINGS	Cast iron body with threaded ends, or wrought copper with solder ends	Amtrol, Inc Armstrong Pumps, Inc Bell & Gossett ITT Taco, Inc
ELL, FIRE HYDRANT BURY, DUCTILE IRON	6" ductile iron bury ells, long radius, FLG x MJ or FLG x FLG	Clow South Bay Foundry Star Pipe Products Sigma SIP Industries
ELL, COMPRESSION TYPE	1" and 2" bronze ell compression x compression for copper pipe	Ford L44-Q Series Jones J-2611 Cambridge 105NL
FIRE HYDRANT, 200 PSI	6" standard 200 PSI wet barrel ductile iron fire hydrant. Epoxy coated interior, shop primed and painted exterior with six-hole bolt pattern	Jones J4040D, J4060D Clow 850, 860

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<b>ITEM</b>	<b>DESCRIPTION</b>	<b>MANUFACTURER</b>
FITTING, DUCTILE IRON	Flanged, mechanical, joint or push-on tees, bends, crosses, reducers, adapters, etc., for water lines 4" and larger. Manufactured per AWWA C110, C111, C153. Double cement mortar lined.	Pipeline Components Tyler/Union U.S. Pipe Star Pipe Products Sigma SIP Industries
FLOWMETER	Magnetic flowmeter	McCrometer Ultra Mag w/ ProComm Converter
GASKET	1/8" thick full ring gasket face aramid fiber bound with nitrile. No asbestos content	NSF 61 Approved
GASKET, RUBBER RING	1/8" thick, rubber ring type, 250 PSI maximum. For 4 " Through 24" pipe flanges. For above ground applications only. Engineering Department approval required.	Calpico Johns Manville US Pipe APS Garlock Blue-Gard 3000
JOINT RESTRAINT ASSEMBLY	360 degree wedge type restraint system for ductile iron, C900 PVC, and steel pipe, size 4" through 24". Joint restraint assembly for PVC pipe shall have machined serrations on the inside diameter.	Ford Uniflange 1300 Series Ford Uniflange 1500 Series Romac EBAA Iron Smith-Blair Sigma Star Products Tyler/Union
LUBRICANT, PIPE GASKET	Rubber gasket pipe lubricant for use on PVC or ductile iron pipe joints, NSF listing required, and AWWA compliant	EBAA Iron or Any AWWA Compliant
METER BOX	19" x 25-1/2" plastic meter box & cover for 1" services	Applied Engineering #13201G2G
METER BOX	19" x 28-3/4" plastic meter box and cover for 1-1/2" services	Applied Engineering #132415P2P
METER BOX	27-1/4" x 40-1/2" plastic meter box and cover for 2" services	Applied Engineering #173018P2P



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<b>ITEM</b>	<b>DESCRIPTION</b>	<b>MANUFACTURER</b>
METER BOX, TRAFFIC LID REINFORCED FIBERGLASS	3/4" and 1"  1.5" and 2"	DFW PW5C4-12-4A Star  DFW PW6C4-12-4A Star
METER STOP, ANGLE COMPRESSION X METER	1" bronze angle meter stop (ball valve) with 90 degree lock wing, inlet 110 style compression x outlet swivel meter nut	Ford BA43-444W-Q Jones J-1963W Mueller B24258-1 A. Y. McDonald Cambridge 210NL
METER STOP, ANGLE COMPRESSION X METER	2" bronze angle meter stop (ball valve) with 90 degree lock wing, inlet 110 style compression x flange	Ford BFA43-777W-Q Jones E-1975WSG Mueller B-24276N A. Y. McDonald Cambridge 210NL
METER, WATER		District to Supply
MORTAR, REPAIR	Two component, lot shrinkage, cement based with high compressive and bonding strength	Sika top 122,123 STO CR 735, CR 740
PIPE, SERVICE	1" and 2" type K soft seamless tubing, presleeved	Mueller Lee Municipex Rehau
PIPE, DUCTILE IRON	For water lines 4" and larger manufactured per AWWA C11, C115, C150, C151. Double cement mortar lined	American Pipe McWane Ductile U.S. Pipe
PIPE, PVC C900	For water lines 4" through 12" and 8" gate wells. Class 150 minimum, and any AWWA compliant	Vinyletech North American Pipe Diamond Plastics Corporation
PIPE, STEEL CEMENT MORTAR LINED AND COATED (CML&C)	Steel cylinder, Per AWWA M11 and Section 15061. 10 gage minimum wall thickness (special approval required for other fabricators based on experience and quality history).	Ameron Northwest
POLYETHYLENE ENCASUREMENT	8-mil Thick polyethylene encasement sleeve for ductile iron pipe (DIP) per AWWA C 105 and recycled PVC, CML&C, or DIP non-purple water pipe	PE encasement by US Blue for Potable Water Purple for Recycled Water

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ITEM	DESCRIPTION	MANUFACTURER
PUMP SUCTION DIFFUSERS	Cast iron body, with threaded connections for 2 inch and smaller, flanged connections for 2 1/2 inch and larger	Amtrol, Inc Armstrong Pumps, Inc Bell & Gossett ITT Taco, Inc Victaulic
PUMP, VERTICAL TURBINE		ITT Goulds Pumps Peerless Pump Company Peabody Floway American Marsh
RECYCLED WATER SIGN, 18" x 18"	18"x18", purple sign with white letters and a black symbol on 0.063 aluminum with 3M Eng. Grade reflective sheeting and anti-graffiti coating	Traffic Control Systems
RECYCLED WATER SIGN, 4" x 8"	4" x 8" Duracast plastic sign with no-slip surface, for mounting on curbs and sidewalks	"DAS" Curb Marker Part Number CM-ELSIN
RECYCLED WATER VALVE TAG	Weatherproof plastic tag, 3" x 4" with permanent black stamped lettering	T. Christy Enterprises, inc. Part #ID-MAX- P2RC007
SERVICE SADDLE FOR ACP	Cast brass ASTM B62 Body with silicone bronze double or stainless steel straps, outlet sizes 1" and 2"	Ford 202B Jones J-979 Smith-Blair 323 Mueller Cambridge 810
SERVICE SADDLE FOR PVC C900 AND DI PIPE	Bronze or brass saddle with stainless steel four bolt strap(s), thread outlet for sizes 1" and 2" for pipe sizes 4" through 12"	Ford 202BS Jones J-969 Mueller BR2S Series Smith Blair Romac 202BS AY McDonald 3846 Cambridge 812
SERVICE SADDLE FOR DI PIPE	Stainless steel saddle with stained steel thread outlet for sizes 1" and 2" for pipe sizes 16" and larger	Ford FS202 Romac 305 JCM 438
TANGENTIAL AIR SEPARATORS	Perforated stainless steel air collector tube designed to direct released air into compression tank	Amtrol, Inc Armstrong Pumps Bell & Gossett ITT Taco, Inc

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ITEM	DESCRIPTION	MANUFACTURER
TAPPING SLEEVE FOR ACP, CI, DI, AND PVC PIPE	Fabricated stainless steel tapping sleeve for 4" through 12" hot taps. Stainless steel bolts and nuts and full mat gasket	Romac SST III Power Seal Smith-Blair 664/665 JCM 432
TRACER BOX		Copperhead, Brooks or approved equal
VALVE, AIR RELEASE AND VACUUM RELIEF	1" – 2" pressure air release and vacuum relief valve, reinforced nylon/compact, rolling seal design. 4" – 6" epoxy coated body, stainless steel trim, compact design. All valves shall be per specification Section 15100.	ARI D-040 or ARI D-060
VALVE, ANGLE FIRE PLUG VALVE	For use in recycled water blow-off assemblies. All valves shall be per specification Section 15100.	James Jones J-344 H.P.
VALVE, BALL	Bronze, straight, compression x compression for 1" and 2" valves (threaded, both male & female). All valves shall be per specification Section 15100.	Ford B44-444-Q, B44-777-Q Jones J-1949SG Mueller B-25209 Cambridge 202NL
VALVE, BALL WITH LOCKING TABS (Meter Customer Valve)	2" bronze, straight, compression x compression with locking tabs and brass handle (threaded both male & female, no locking tabs, S.H.). All valves shall be per specification Section 15100.	Ford B44- 777 –QW Jones J-1949SGW Mueller B-25146 AY McDonald 6100 MW Cambridge 212NL
VALVE, BALL (Meter Customer Valve)	1" bronze, straight, meter swivel, MIP x MIP (purple handle for recycled water). All valves shall be per specification Section 15100.	Ford HB 34S Jones J-1908W Mueller B-24351-1 AY McDonald HB6101M Cambridge 212NL

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ITEM	DESCRIPTION	MANUFACTURER
VALVE, BREAK-OFF CHECK	Break-off check valve for fire hydrants. Use when indicated on Approved Plans. All valves shall be per specification Section 15100.	Long Beach LB 400 Avk Flow guard II
VALVE, BUTTERFLY	16" and larger, A WW A C504, Class. All valves shall be per specification Section 15100. B. Thermosetting for fusion bonded epoxy coated and lined (150 psi max), seat in the body, FLG x FLG	Mueller Linesal III M&H Pratt Groundhog DeZurik BAW *Crispin K-Flow
VALVE, CALIBRATED BALANCING	Calibrated ball valve. All valves shall be per specification Section 15100.	Bell & Gossett ITT Taco, Inc Griswold Flow Design
VALVE, DIAPHRAGM ACTUATED CONTROL VALVE	Hydraulically actuated diaphragm type control valves. All valves shall be per specification Section 15100.	Cla-Val Automatic Control Valve
VALVE, GATE, RESILIENT WEDGE (RWGV)	4" through 12" non-rising low zinc bronze or stainless steel stem, ductile or cast iron body and bonnet, encapsulated wedge per AWWA C509 or C515 with epoxy coated interior. Manufactured to AWWA C509 or C515, FLG x FLG. All valves shall be per specification Section 15100.	American FC, Series 2500 Clow M&H Mueller
VALVE, GLOBE	Brass globe valves. All valves shall be per specification Section 15100.	Crane 1 or 2
VALVE, INSULATED BALL	1" bronze, straight, compression x compression, insulated type. All valves shall be per specification Section 15100.	Mueller N-35209 Cambridge 301NL- M4HI4

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ITEM	DESCRIPTION	MANUFACTURER
VALVE, LOCKABLE BALL	3/4" and 1" bronze customer shutoff (ball valve), inlet FIP x compression, lockable tabs, with lever handle. All valves shall be per specification Section 15100.	Ford B13-332W w/ HT34 B13-444W w/ HT34 Jones J-1908W, J-1900W Cambridge 212NLH
VALVE, LOCKABLE BALL	1-1/2" and 2" Bronze customer shutoff (ball valve), inlet FIP x compression, lockable tabs, with lever handle. All valves shall be per specification Section 15100.	Ford BF13-666W w/ HB-67S, BF13- 777W w/HB-67S Jones J-1913W Cambridge 212NLH
VALVE, PRESSURE REDUCING	For water main pressure reducing, 4" through 16". All valves shall be per specification Section 15100.	Cla-Val 90G-01
VALVE, PRESSURE REGULATING	For service connections, 3/4" / 1". All valves shall be per specification Section 15100.	Wilkins Watts Febco
VALVE, PUMP MULTIPURPOSE	Non-slam check valve with spring loaded weighted disc, and calibrated adjustment feature to permit regulation of pump discharge flow and shutoff. All valves shall be per specification Section 15100.	Amtrol, Inc Armstrong Pumps, Inc Bell & Gossett ITT Taco, Inc
VALVE, SAFETY RELIEF	Valve body shall be cast iron, with all wetted internal working parts made of brass and rubber. All valves shall be per specification Section 15100.	Amtrol, Inc Bell & Gossett ITT Taco, Inc
VALVE, WATER PRESSURE CONTROL	Globe type ductile iron body valve. All valves shall be per specification Section 15100.	Cla-Val
VALVE, WELL LID	Ductile iron machined frame. See standard drawings for markings	South Bay

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<b>ITEM</b>	<b>DESCRIPTION</b>	<b>MANUFACTURER</b>
WALL FANS	Fans with motors, drives, guards, vibration isolation and coatings, suitable for installations exposed to the weather	Greenheck
WATER SAMPLING POINT ASSEMBLY	Water sampling station with sampling valve as well as full flow flushing valve, complete with aluminum enclosure	American-MC Model EZ-01F or approved equal
WARNING/ IDENTIFICATION TAPE	6" wide, warning/identification (non-metallic) marking tape for buried facilities	Calpico, Type 1 Line-Tec, Type B Thor, Elast Tec Northtown Dot Sales
WIRE, TRACER	#10 AWG solid copper UF Type wire, with cross linked polyethylene insulation. Blue in color  Epoxy, for use in split bolt connector	Cosberg Industries Paige Baron Copperhead Industries Regency Wire & Cable  3M Scotch Coat 306

# SEWER FACILITIES

**ELSINORE VALLEY MUNICIPAL WATER DISTRICT  
APPROVED MATERIALS LIST  
FOR USE ON NEW CONSTRUCTION OF  
SEWER FACILITIES**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>MANUFACTURER</b>
AIR COMPRESSOR	SX 7.5 T compressor with 125.0 psig, 60 Hz screw compressors and an integrated dryer	Kaeser Compressors
CASING, END SEAL	1/4" thick styrene butadiene rubber sheet end seal. Use 1" wide stainless steel bands	Advanced Products & Systems Cascade Water Works Calpico CCI Products
CASING, SPACER	Polyethylene casing spacer center restrained position type with PVC Liner and non-metallic anti- friction runners	Advanced Products & Systems, Inc (APS) Cascade Water Works Pipeline Seal & Insulator, Inc. (PSI) CCI Products
CLEANOUT BOX	Traffic and non-traffic rated. Use 6" cleanout box for 4" lateral and 10" cleanout box for 6" or larger lateral	JR Concrete Applied Engineering
DAMP-PROOFING	Coating systems used on the exterior surface of manholes at and below water table	Kop-Coat, Bitumastic Super Service Black
FLOWMETER	Magnetic flowmeter	Krohne Optiflux w/ IFC-100 Converter
MANHOLE, CAST IRON FRAME AND COVER	30" nominal diameter cast iron frame and covers per ASTM A48, Class 35B, with machined seats.	Alhambra Foundry National Casting Neenah South Bay Foundry
MANHOLE. COMPOSITE FRAME AND COVER	24" fiber reinforced polymer cover and frame assembly with two (2) quarter turn paddle locks. For manhole applications outside of the right of way	EJ Co. 2600 Series Product Number NPR21-003111-30145, or Equal



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<b>ITEM</b>	<b>DESCRIPTION</b>	<b>MANUFACTURER</b>
MANHOLE, COATING	Spray-on epoxy coating or polyurethane lining	Raven Lining Systems Inc. Sprayroq Zebron Sauereisen Sherwin-Williams Dura-Plate 6100 Utilithane
MANHOLE, JOINT SEALANT	Pre-formed, cold applied, adhesive, rope-like, butyl rubber gasket to form a water tight seal between manhole sections	Ramnek or Equal
MANHOLE, PIPE CONNECTOR	Rubber o-ring type gasket for pipe to manhole connection for cast-in-place manholes and cemented-in-place connections (for existing manholes)	Indiana Seal Company Fernco Press Seal GPK
MANHOLE, PIPE CONNECTOR	Rubber flexible type connector for pipe to manhole connection for precast manholes	J-M Pipe PW Pipe
MANHOLE, POLYMER CONCRETE	Access manholes for sewer mains (grade rings, cones, risers, and bases)	Armorock LLC Monoform Plus
MANHOLE, PRECAST CONCRETE	Access manholes for sewer mains (grade rings, cones, risers, and bases) designed for H-20 highway loading	Old Castle Southwest Jensen JR Concrete MCS, Inc. Manhole Builders
PIPE, PVC	4" - 8" ASTM D 3034, SDR35 8"- 15" SDR26 18" through 24" PS 115 PVC >24" District approval	Vinyltech Lamson Vylon North American Pipe Diamond Plastics Corporation

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SEWER FACILITIES**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>MANUFACTURER</b>
PUMPS, SUBMERSIBLE	Vortex or non-clog with 460 volt, 3-Phase, 60 Hz premium efficiency motor To be used when there is a ragging issue	ESSCO  Cornell (Delta Style Impeller)
SADDLE	4" and 6" wye and tee connections for sewer line installations	Multi Inserta Tee GPK
SERVICE SADDLE DI PIPE	Stainless steel saddle with stained steel thread outlet for sizes 1" and 2"	Ford FS202 Romac 305 JCM 438
VALVE, AIR RELEASE AND VACUUM RELIEF	Pressure Air release and vacuum valve, composite body, polymer and stainless-steel operating parts. All valves shall be per specification section 15100.	ARI D-025 or ARI D-26
VALVE, BACKWATER	4" extendable ABS valve. All valves shall be per specification section 15100.	Clean Check, Inc. Mainline Backflow Products Inc.
WALL FANS	Fans with motors, drives, guards, vibration isolation and coatings, suitable for installations exposed to the weather	Greenheck
WARNING/ IDENTIFICATION TAPE	Warning/identification tape 6" wide, colored green, with continuous warning "CAUTION: SEWER LINE BURIED BELOW"	Calpico, Type 1 Line-Tec, Type B Thor, Elast Tec Northtown Dot Sales

# APPROVED PAINT COLORS

**ELSINORE VALLEY MUNICIPAL WATER DISTRICT  
APPROVED MATERIALS LIST  
LIST OF APPROVED PAINT COLORS**

<b>ITEM</b>	<b>COLOR</b>	<b>MANUFACTURER</b>
ABOVEGROUND FACILITY PIPING, VALVES, AND APPURTENANCES	Beige (RGB 209 / 199 / 184)	Sherwin Williams SW7036
BACKFLOW PREVENTION ASSEMBLY, POTABLE WATER	Safety Blue	
BACKFLOW PREVENTION ASSEMBLY, RECYCLED WATER	Pantone Purple	Pantone
BOLLARD/GUARD POST	Osha Yellow	
ENCLOSURE FOR POTABLE WATER MAINS	Osha Yellow	
ENCLOSURE FOR RECYCLED WATER MAINS	Pantone Purple	Pantone
FIRE DOUBLE DETECTOR CHECK METER INSTALLATION	Safety Red	
FRP SAFETY LADDER	Safety Yellow	
MARKER POST, POTABLE	Safety Blue	
MARKER POST, SEWER	Forest Green	
MARKER POST, RECYCLED	Pantone Purple	
MARKER POST, GATE WELL	White	
POTABLE WATER 8" VALVE WELL CAP W/ 4" SKIRT	Safety Blue Enamel	Sherwin Williams Grainger
POTABLE WATER METER BOX - (METER READING BOLT DOWN, BOLT DOWN, AND METER READING CAPTIVE L-BOLT DOWN)	Forest Green	
PRV, POTABLE	Safety Blue	
PRV, RECYCLED	Pantone Purple	
RECYCLED WATER SIGNS AND VALVE TAGS	Pantone Purple	Pantone
RECYCLED WATER PIPES AND APPURTENANCES	Pantone Purple	Pantone
SAMPLING COVER, POTABLE	Osha Yellow	
SAMPLING COVER, RECYCLED	Pantone Purple	Pantone
TEMPORARY POTABLE WATER TO RECYCLED WATER INTER-CONNECTION	Pantone Purple	Pantone
WATER METER, ABOVE GRADE, POTABLE	Safety Blue	
WATER METER, ABOVE GRADE, RECYCLED	Pantone Purple	Pantone

# PIPE IDENTIFICATION TABLE

**ELSINORE VALLEY MUNICIPAL WATER DISTRICT  
APPROVED MATERIALS LIST  
PIPE IDENTIFICATION TABLE**

<b>TYPE OF PIPE</b>	<b>PIPE USE</b>	<b>COLOR</b>
WATER LINES	RAW WATER	Dark Green
	SETTLED/CLARIFIED WATER	Aqua
	POTABLE WATER	Dark Blue
	RECYCLED WATER	Purple
CHEMICAL LINES	ALUM OR PRIMARY COAGULANT	Orange
	AMMONIA	White
	CARBON SLURRY	Black
	CAUSTIC	Yellow w/ Green Band
	CHLORINE GAS OR SOLUTION	Yellow
	FLUORIDE	Light Blue w/ Red Band
	LIME SLURRY	Light Green
	OZONE	Yellow w/ Orange Band
	PHOSPHATE COMPOUNDS	Light Green w/ Red Band
	POLYMERS OR COAGULANT AIDS	Orange w/ Green Band
	POTASSIUM PERMANGANATE	Violet
	SODA ASH	Light Green w/ Orange Band
	SULFURIC ACID	Yellow w/ Red Band
	SULFUR DIOXIDE	Light Green w/ Yellow Band
WASTE LINES	BACKWASH WASTE	Light Brown
	SLUDGE	Dark Brown
	RAW WASTEWATER	Dark Gray
OTHER LINES	COMPRESSED AIR	Dark Green
	NATURAL GAS	Red
	METHANE GAS	Orange