



dallas **water** utilities
city of dallas

DWU APPROVED MATERIALS LIST FOR WATER & WASTEWATER CONSTRUCTION

Unless otherwise specified in the plans and/or specifications, following materials can be considered for the project contingent upon approval by the Owner

October, 2017

DALLAS WATER UTILITIES

APPROVED MATERIALS BY TRADE NAME

Revised December 2016 Johnny Partain 214-670-8796

BASIC PRODUCT CATEGORY	PRODUCT SUB-CATEGORY	MANUFACTURER	MODEL, TYPE, OR STYLE APPROVED	GOVERNING SPECIFICATION	EXCEPTIONS	NSF 61 CERTIFIED
Automatic Flushers		Manufacturer				
AUTOMATIC FLUSHER	AUTOMATIC FLUSHER	The Kupferle Foundry Company	9800-WC Eclipse	Bid Item 5756		N/A
AUTOMATIC FLUSHER	AUTOMATIC FLUSHER	The Kupferle Foundry Company				N/A

Casing Spacers		Manufacturer				
CASING SPACER	CASING SPACER	ADVANCE PRODUCTS AND SYSTEMS	STAINLESS MODEL SSI	DWU SPECIFICATIONS	STAINLESS ONLY	N/A
CASING SPACER	CASING SPACER	PSI	STAINLESS MODEL	DWU SPECIFICATIONS	STAINLESS ONLY	N/A
CASING SPACER	CASING SPACER	Power Seal	MODEL 4810 STAINLESS	DWU SPECIFICATIONS	STAINLESS ONLY	N/A
CASING SPACER	CASING SPACER	BWM	SS - Series	DWU SPECIFICATIONS	STAINLESS ONLY	N/A

Coatings		Manufacturer				
PIPE COATING	FITTING COATING	AQUAARMOR	METAL JACKET	ASTM B117 and NSF 61		NSF

Corporation Stop		Manufacturer				
3/4" & 1" CORPORATION STOP *	QUICK JOINT BALL VALVE	FORD	FB-1000-x-Q-NL	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	UL
3/4" & 1" CORPORATION STOP *	CB Compression	CAMBRIDGE	301NL-Series	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	NSF
3/4" & 1" CORPORATION STOP *	Q-SERIES BALL VALVE CORP STOP	McDONALD	74701BQ	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	NSF
3/4" & 1" CORPORATION STOP *	110 BALL VALVE	MUELLER**	B-25008N	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	NSF

*MUST HAVE STAINLESS STEEL COMPRESSION GRIP RING.

** R-REDUCED
NOT APPROVED

Corporation Stop		Manufacturer				
1 1/2" & 2" CORPORATION STOP *	QUICK JOINT BALL VALVE	FORD	FB-1000-x-Q-NL	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	UL
1 1/2" & 2" CORPORATION STOP *	CB Compression	CAMBRIDGE	301NL-Series	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	NSF
1 1/2" & 2" CORPORATION STOP *	Q-SERIES BALL VALVE CORP STOP	McDONALD	74701BQ	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	NSF
1 1/2" & 2" CORPORATION STOP *	110 BALL VALVE	MUELLER	B-25008N	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	NSF

*MUST HAVE STAINLESS STEEL COMPRESSION GRIP RING.

Coupling Straight		Manufacturer				
COUPLING, STRAIGHT*	FOR GRAY AND DI PIPE	FORD	FC1 STYLE	AWWA C219 & DWU SPEC	2"-12"	UL
COUPLING, STRAIGHT*	FOR GRAY AND DI PIPE	FORD	FC4 STYLE	AWWA C219 & DWU SPEC	14"-60"	UL
COUPLING, STRAIGHT*	FOR GRAY AND DI PIPE	JCM	210 SERIES	AWWA C219 & DWU SPEC		NSF
COUPLING, STRAIGHT*	FOR GRAY AND DI PIPE	ROMAC	STYLE 501	AWWA C219 & DWU SPEC		NSF
COUPLING, STRAIGHT*	FOR GRAY AND DI PIPE	SMITH-BLAIR	411, 441, 461 & 462	AWWA C219 & DWU SPEC		NSF

* MUST HAVE 12 MILS FUSION BONDED EPOXY COATING & 316 SS BOLTS.

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Coupling Transition		Manufacturer				
COUPLING, TRANSITION*	FOR GRAY AND DI PIPE	FORD	FC2A STYLE	AWWA C219 & DWU SPEC	2"-24"	UL
COUPLING, TRANSITION*	FOR GRAY AND DI PIPE	FORD	FC5 and FC6 STYLE	AWWA C219 & DWU SPEC	24" - 60"	UL
COUPLING, TRANSITION*	FOR GRAY AND DI PIPE	POWERSEAL	POWERMAX	AWWA C219 & DWU SPEC		NSF
COUPLING, TRANSITION*	FOR GRAY AND DI PIPE	ROMAC	XR-501	AWWA C219 & DWU SPEC		NSF
COUPLING, TRANSITION*	FOR GRAY AND DI PIPE	ROMAC	TC-400	AWWA C219 & DWU SPEC		NSF
COUPLING, TRANSITION*	FOR GRAY AND DI PIPE	SMITH-BLAIR	413, 441, 461 & 462	AWWA C219 & DWU SPEC		NSF
COUPLING, TRANSITION*	FOR GRAY, DI AND AC	HYMAX	SERIES 2000	AWWA C219 & DWU SPEC		NSF

*MUST HAVE 12 MILS FUSION BONDED EPOXY COATING & 316 SS BOLTS.

Curb Stop		Manufacturer				
3/4" & 1" CURB STOP *	QUICK JOINT BALL VALVE	FORD	B-41-xxx-W-Q-NL	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	UL
3/4" & 1" CURB STOP *	CB Compression	CAMBRIDGE	212NL-Series	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	NSF
3/4" & 1" CURB STOP *	Q-SERIES BALL VALVE	McDONALD	76102WQ	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	NSF
3/4" & 1" CURB STOP *	110 BALL VALVE	MUELLER	B-25170N	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	NSF

*MUST HAVE STAINLESS STEEL COMPRESSION GRIP RING.

Curb Stop		Manufacturer				
1 1/2" & 2" CURB STOP *	QUICK JOINT BALL VALVE	FORD	B-41-xxx-W-Q-NL	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	UL
1 1/2" & 2" CURB STOP *	CB Compression	CAMBRIDGE	212NL-Series	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	NSF
1 1/2" & 2" CURB STOP *	Q-SERIES BALL VALVE	McDONALD	76102WQ	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	NSF
1 1/2" & 2" CURB STOP *	110 BALL VALVE	MUELLER	B-25170N	AWWA C800 & 502.5.1.3.COD	NO LEAD ONLY	NSF

*MUST HAVE STAINLESS STEEL COMPRESSION GRIP RING.

Fire Hydrants		Manufacturer				
FIRE HYDRANTS*		American Flow Control	WATEROUS PACER	AWWA C502 & 502.6.3.COD		NA
FIRE HYDRANTS*		CLOW*	MEDALLION F2545*	AWWA C502 & 502.6.3.COD	MUST HAVE DWU ID TAG	NA
FIRE HYDRANTS*		KENNEDY	K-81-A or D (GUARDIAN)	AWWA C502 & 502.6.3.COD		NA
FIRE HYDRANTS*		MUELLER	SUPER CENTURION 250	AWWA C502 & 502.6.3.COD		NA
FIRE HYDRANTS*		US PIPE & FOUNDRY	MET 250 M-94	AWWA C502 & 502.6.3.COD		NA

* MUST HAVE FULL BODY GLANDS AND RED PRIMER.

Fittings		Manufacturer				
FITTINGS, FULL-BODIED	DUCTILE IRON	AMERICAN CAST IRON PIPE		AWWA C110 & COG	Greater than 16"	NSF
FITTINGS, FULL-BODIED	DUCTILE IRON	STAR PIPE		AWWA C110 & COG		NSF
FITTINGS, FULL-BODIED	DUCTILE IRON	TYLER/UNION/UFCO	Stamped USA	AWWA C110 & COG		UL
FITTINGS, FULL-BODIED	DUCTILE IRON	Sigma		AWWA C110 & COG		UL

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FITTINGS, FULL-BODIED	DUCTILE IRON	US PIPE & FOUNDRY		AWWA C110 & COG		NSF
FITTINGS, FULL-BODIED	DUCTILE IRON	SIP		AWWA C110 & COG		NSF

COMPACT FITTINGS AND GLANDS ARE NOT ALLOWED.

Flange Adapters		Manufacturer				
FLANGE ADAPTERS	FOR DI PIPE	EBAA IRON	SERIES 2100 MEGAFLANGE	AWWA C219 & DWU SPEC		NSF
FLANGE ADAPTERS	FOR DI PIPE	FORD	RFAP & RFAD	AWWA C219 & DWU SPEC		NSF

Flange Coupling Adapter		Manufacturer				
COUPLING ADAPTER*	FLANGED, IRON	FORD	FFCA SERIES	AWWA C219 & DWU SPEC	ANCHOR STUDS NOT ALLOWED	UL
COUPLING ADAPTER*	FLANGED, IRON	FORD	FC5 SERIES	AWWA C219 & DWU SPEC	ANCHOR STUDS NOT ALLOWED	UL
COUPLING ADAPTER*	FLANGED, IRON	POWERSEAL	3521	AWWA C219 & DWU SPEC	ANCHOR STUDS NOT ALLOWED	NSF
COUPLING ADAPTER*	FLANGED, CARBON STEEL	HYMAX**	2100 SERIES	AWWA C219 & DWU SPEC	ANCHOR STUDS NOT ALLOWED	NSF
COUPLING ADAPTER*	FLANGED, IRON	JCM	301 SERIES	AWWA C219 & DWU SPEC	ANCHOR STUDS NOT ALLOWED	NSF
COUPLING ADAPTER*	FLANGED, IRON	ROMAC	FCA 501	AWWA C219 & DWU SPEC	ANCHOR STUDS NOT ALLOWED	NSF
COUPLING ADAPTER*	FLANGED, IRON	SMITH-BLAIR	912 (NEW & OLD) STYLE	AWWA C219 & DWU SPEC	912-9 W/RED GLANDS NOT ALLOWED	NSF

* MUST HAVE 12 MILS FUSION BONDED EPOXY COATING ** MAXIMUM SIZE 8".

Flange Reducing Coupling Adapter		Manufacturer				
COUPLING ADAPTER*	FLANGED, IRON	SMITH-BLAIR	914	AWWA C219 & DWU SPEC	W/RED GLANDS NOT ALLOWED	NSF
COUPLING ADAPTER*	FLANGED, IRON	FORD	FCA SERIES	AWWA C219 & DWU SPEC	ANCHOR STUDS NOT ALLOWED	NSF

Large Service Hatches		Manufacturer				
LARGE SERVICE HATCH	ALUMINUM HATCH	U.S.F FABRICATION				

Manhole Appurt.		Manufacturer				
MANHOLE GRADE ADJUSTMENT RINGS		CHILTON ASSOCIATES		COG 502.1.1.1, ASTM C478		NA
MANHOLE RING & LID	24-INCH	BASS & HAYS*	#400-24	DWU DRAWING & SPEC	*MUST HAVE BITUMINOUS COATING	NA
MANHOLE RING & LID	24-INCH	BASS & HAYS*	#400-24D	DWU DRAWING & SPEC	*MUST HAVE BITUMINOUS COATING	NA
MANHOLE RING & LID	24-INCH	SIGMA*	MH140W	DWU DRAWING & SPEC	*MUST HAVE BITUMINOUS COATING	NA
MANHOLE RING & LID	32-INCH	BASS & HAYS*	V1420	DWU DRAWING & SPEC	*MUST HAVE BITUMINOUS COATING	NA
MANHOLE RING & LID	40-INCH	BASS & HAYS*	#1225-40	DWU DRAWING & SPEC	*MUST HAVE BITUMINOUS COATING	NA
MANHOLE RING & LID	40-INCH	NEENAH	R-1901	DWU DRAWING & SPEC	*MUST HAVE BITUMINOUS COATING	NA

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Pipe Material		Manufacturer				
PVC	DR-14	VARIOUS		AWWA C900		
PVC	DR-14	VinylPlex		AWWA C900		

Pipe Lubricant		Manufacturer				
PIPE LUBRICANT		W. CANNING	VINOLEO PIPE JOINT LUBE	PURCHASING DESC. 16-0575		NSF
PIPE LUBRICANT		JTM PRODUCTS	PHOENIX PIPE JOINT LUBE	PURCHASING DESC. 16-0575		NSF
PIPE LUBRICANT		SEACORD CORP.	TYTON JOINT LUBRICANT AND EASE ON	PURCHASING DESC. 16-0575		NSF
PIPE LUBRICANT		J. C. WHITLAM	BLUE LUBE	PURCHASING DESC. 16-0575		NSF
PIPE LUBRICANT		MANUSPEC COMP.	TRUE BLUE	PURCHASING DESC. 16-0575		NSF
PIPE LUBRICANT		ACCUCAST	ACCUCAST	PURCHASING DESC. 16-0575		NSF
PIPE LUBRICANT		MANUSPEC COMP.	JPL PIPE LUBRICANT	PURCHASING DESC. 16-0575		NSF

Polywrap		
POLYWRAP	WRAP MUST BE LLDPE, t= 0.008", MANUFACTURED AND LABELED IN ACCORDANCE WITH AWWA C105.	

Retainer Glands		Manufacturer				
RETAINER GLANDS	FOR DI PIPE	EBAA IRON	MEGALUG 1100 & 1100SD	DWU SPEC & COG	3" -54"	-
RETAINER GLANDS	FOR DI PIPE	UNI-FLANGE	SERIES 1400-D	DWU SPEC & COG	3" -54"	-
RETAINER GLANDS	FOR DI PIPE	Star Pipe	Star-grip 3000	DWU SPEC & COG	<16"	-
RETAINER GLANDS	FOR DI PIPE	Sigma	One-Lok SLDE	DWU SPEC & COG	<16"	-
RETAINER GLANDS	FOR DI PIPE	SIP	EZ Grip	DWU SPEC & COG	<16"	-
RETAINER GLANDS	FOR PVC PIPE	EBAA IRON	MEGALUG - SERIES 2000 PV	DWU SPEC & COG	< 17"	-
RETAINER GLANDS	FOR PVC PIPE	UNI-FLANGE	SERIES 1500	DWU SPEC & COG	< 17"	-
RETAINER GLANDS	FOR PVC PIPE	ROMAC	RomaGrip	DWU SPEC & COG	< 17"	-
RETAINER GLANDS	FOR PVC PIPE	Star Pipe	Star-grip 4000	DWU SPEC & COG	< 17"	-
RETAINER GLANDS	FOR PVC PIPE	SIP	EZ Grip	DWU SPEC & COG	< 17"	-

Service Saddles		Manufacturer				
SERVICE SADDLES	BRONZE DOUBLE STRAP	JAMES JONES	J-979	AWWA C800 & COG 502.10.2.1		UL
SERVICE SADDLES	BRONZE DOUBLE STRAP	FORD*	202B	AWWA C800 & COG 502.10.2.1	NEW MAIN INSTALLATIONS ONLY	UL
SERVICE SADDLES	BRONZE DOUBLE STRAP	McDONALD	3825	AWWA C800 & COG 502.10.2.1	-	UL
SERVICE SADDLES	BRONZE DOUBLE STRAP	MUELLER	BR2B	AWWA C800 & COG 502.10.2.1		NSF
SERVICE SADDLES	BRONZE DOUBLE STRAP	SMITH-BLAIR*	323	AWWA C800 & COG 502.10.2.1	NEW MAIN INSTALLATIONS ONLY	NSF

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Speciality Item		Manufacturer				
SERVICE SADDLES	BRONZE DOUBLE STRAP	JAMES JONES	J-979	AWWA C800 & COG 502.10.2.1		UL
SERVICE SADDLES	BRONZE DOUBLE STRAP	FORD*	202B	AWWA C800 & COG 502.10.2.1	NEW MAIN INSTALLATIONS ONLY	UL
SERVICE SADDLES	BRONZE DOUBLE STRAP	McDONALD	3825	AWWA C800 & COG 502.10.2.1	-	UL
SERVICE SADDLES	BRONZE DOUBLE STRAP	MUELLER	BR2B	AWWA C800 & COG 502.10.2.1		NSF
SERVICE SADDLES	BRONZE DOUBLE STRAP	SMITH-BLAIR*	323	AWWA C800 & COG 502.10.2.1	NEW MAIN INSTALLATIONS ONLY	NSF

Tapping Sleeve	Carbon Steel	Manufacturer				
TAPPING SLEEVE	CARBON STEEL*	FORD	FTSC-xxxx-SH	DWU SPEC & COG 502.6.1.17		UL
TAPPING SLEEVE	CARBON STEEL*	POWERSEAL	3460CS	DWU SPEC & COG 502.6.1.17		NSF
TAPPING SLEEVE	CARBON STEEL*	ROMAC	FTS420	DWU SPEC & COG 502.6.1.17	MUST HAVE 3/8" MIN. THICKNESS	NSF
TAPPING SLEEVE	CARBON STEEL*	SMITH-BLAIR	622 SERIES	DWU SPEC & COG 502.6.1.17		NSF

*STEEL SLEEVES SHALL BE RESTRICTED TO PIPE SIZES 12" AND LARGER AND SHALL NOT BE USED FOR TAPS GREATER THAN 75% OF THE MAIN SIZE.

*MUST HAVE SS BOLTS AND NUTS. TAPPING SLEEVE MUST BE EPOXY COATED.

NO SIZE ON SIZE TAPPING SLEEVES

Tapping Sleeve	Gray or DI	Manufacturer				
TAPPING SLEEVE	GRAY OR DI, FULL BODIED*	MUELLER	H-615	DWU SPEC & COG 502.6.1.17	12" PIPE MIN	NSF
TAPPING SLEEVE	GRAY OR DI, FULL BODIED*	U. S. PIPE	-	DWU SPEC & COG 502.6.1.17	12" PIPE MIN	NSF

*GRAY OR DI SHALL BE RESTRICTED TO PIPE SIZES 12" AND LARGER AND SHALL NOT BE USED FOR TAPS GREATER THAN 75% OF THE MAIN SIZE.

Tapping Sleeve	Stainless Steel	Manufacturer				
TAPPING SLEEVE	STAINLESS STEEL*	CASCADE	CST-EX	DWU SPEC & COG 502.6.1.17	12" PIPE MAX	UL
TAPPING SLEEVE	STAINLESS STEEL*	FORD	FTSS	DWU SPEC & COG 502.6.1.17	12" PIPE MAX	UL
TAPPING SLEEVE	STAINLESS STEEL*	JCM	432	DWU SPEC & COG 502.6.1.17	12" PIPE MAX	NSF
TAPPING SLEEVE	STAINLESS STEEL*	MUELLER	H304	DWU SPEC & COG 502.6.1.17	12" PIPE MAX	NSF
TAPPING SLEEVE	STAINLESS STEEL*	ROMAC	SST III	DWU SPEC & COG 502.6.1.17	12" PIPE MAX	NSF
TAPPING SLEEVE	STAINLESS STEEL*	SMITH-BLAIR	665	DWU SPEC & COG 502.6.1.17	12" PIPE MAX	NSF

*OUTLET FLANGES MUST ALSO BE STAINLESS STEEL. SHALL BE RESTRICTED TO PIPE SIZES 8" AND SMALLER AND SHALL NOT BE USED FOR TAPS GREATER THAN 75% OF THE MAIN SIZE.

Air Valves		Manufacturer				
VALVES, AIR	AIR RELEASE AND VACUUM BREAKER	CLA-VAL		COG 502.6.3.COD		-
VALVES, AIR	AIR RELEASE AND VACUUM BREAKER	CRISPIN		COG 502.6.3.COD		-
VALVES, AIR	AIR RELEASE AND VACUUM BREAKER	G. A. INDUSTRIES (EMPIRE)		COG 502.6.3.COD		-
VALVES, AIR	AIR RELEASE AND VACUUM BREAKER	VAL-MATIC		COG 502.6.3.COD		-
VALVES, AIR	AIR RELEASE AND VACUUM BREAKER	VALVE & PRIMER (APCO)		COG 502.6.3.COD		-
VALVES, AIR	AIR RELEASE AND VACUUM BREAKER	VENT-O-MAT	RBX SERIES	COG 502.6.3.COD		-

Valve Box Risers		Manufacturer				
VALVE BOX RISERS*	ADJUSTABLE - ANCHOR TYPE	BASS & HAYS	#1824 SET SCREW TYPE	COG 806.4 & DWU 7360-2525-91		NA

* MAY ONLY BE USED FOR ADVANCE OF PAVING.

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Valves	Butterfly	Manufacturer				
VALVES, BUTTERFLY	MECHANICALLY RETAINED SEATS ONLY	M & H	48-INCH & SMALLER	AWWA C504 & DWU SPECS		NSF
VALVES, BUTTERFLY	MECHANICALLY RETAINED SEATS ONLY	KRISPIN K-FLO	24-INCH & LARGER	AWWA C504 & DWU SPECS		UL
VALVES, BUTTERFLY	MECHANICALLY RETAINED SEATS ONLY	VALMATIC	72-INCH & SMALLER	AWWA C504 & DWU SPECS		UL
VALVES, BUTTERFLY	MECHANICALLY RETAINED SEATS ONLY	MUELLER	16-INCH & LARGER	AWWA C504 & DWU SPECS		UL
VALVES, BUTTERFLY	MECHANICALLY RETAINED SEATS ONLY	DEZURIK	72-INCH & SMALLER	AWWA C504 & DWU SPECS		UL

Valve Stack	Covers and Lid	Manufacturer				
VALVE COVERS	LID	BASS & HAYS	#340-1	COG 806.4		NA
VALVE COVERS	10" COVER	BASS & HAYS	#340-1	COG 806.4		NA
VALVE COVERS	18" COVER	BASS & HAYS	#348-1	COG 806.4		NA
VALVE COVERS	LID	SIGMA	VB1651M	COG 806.4		NA
VALVE COVERS	10" COVER	SIGMA	VB1652M	COG 806.4		NA
VALVE COVERS	Lid	Accucast	115002	COG 806.4		NA
VALVE COVERS	10" Stack	Accucast	115000	COG 806.4		NA
VALVE COVERS	Lid	Star Pipe Products	Shorty	COG 806.4		NA
VALVE COVERS	10" Stack	Star Pipe Products	Shorty	COG 806.4		NA

Valves	Double-Disc	Manufacturer				
VALVES, GATE*	DOUBLE-DISC, METAL SEATED	CLOW		C500, DWU SPEC & COG 502.6.COD		NSF
VALVES, GATE*	DOUBLE-DISC, METAL SEATED	MUELLER		C500, DWU SPEC & COG 502.6.COD		NSF
VALVES, GATE*	DOUBLE-DISC, METAL SEATED	U. S. PIPE	METROPOLITAN	C500, DWU SPEC & COG 502.6.COD		NSF
VALVES, GATE*	DOUBLE-DISC, METAL SEATED	American R/D	METROPOLITAN	C500, DWU SPEC & COG 502.6.COD	Up to 12"	NSF

* MUST HAVE 316 SS BOLTS.

Valves	Vertical Resilient	Manufacturer				
VALVES, GATE*	VERTICAL, RESILIENT WEDGE	CLOW	F-6100 Series 2639 or 2640	C509, COG 502.6. COD & DWU RSGV	12" MAX.	NSF
VALVES, GATE*	VERTICAL, RESILIENT WEDGE	KENNEDY	KENSEAL II	C509, COG 502.6. COD & DWU RSGV	12" MAX.	NSF
VALVES, GATE*	VERTICAL, RESILIENT WEDGE	M & H	4067	C509, COG 502.6. COD & DWU RSGV	12" MAX.	NSF
VALVES, GATE*	VERTICAL, RESILIENT WEDGE	MUELLER	2360, 2362	C509, COG 502.6. COD & DWU RSGV	12" MAX.	NSF
VALVES, GATE*	VERTICAL, RESILIENT WEDGE	U. S. PIPE	USPO, USP2	C509, COG 502.6. COD & DWU RSGV	12" MAX.	NSF
VALVES, GATE*	VERTICAL, RESILIENT WEDGE	G.S. Valves	Dallas Special	C509, COG 502.6. COD & DWU RSGV	12" MAX.	NSF

* MUST HAVE 316 SS BOLTS. BOTH RED EPOXY OR BITUMINOUS EXTERIOR COATINGS ARE ALSO ACCEPTABLE. WITH REDUCED WALL THICKNESSES ARE NOT ACCEPTABLE.

* AWWA C-515 RSGVs

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Water Meter AMR Lids	AMR	Manufacturer				
WATER METER AMR LIDS	PLASTIC	DFW PLASTICS		DWU SPECIFICATIONS	12"	-
WATER METER AMR LIDS	PLASTIC	DFW PLASTICS		DWU SPECIFICATIONS	20"	-
WATER METER AMR LIDS	PLASTIC	ACCUCAST		DWU SPECIFICATIONS	12"	-
WATER METER AMR LIDS	PLASTIC	PENTAIR		DWU SPECIFICATIONS	12"	-
WATER METER AMR LIDS	PLASTIC	BASS & HAYS	3 LID P6	DWU SPECIFICATIONS	12"	

Water Meter AMR Lids	AMR	Manufacturer				
WATER METER AMR LIDS	HYBRID	HUBBELL	HYBRID UTILITY COVER	DWU SPECIFICATIONS	12"	

Water Meter Vaults	Large Services	Manufacturer				
WATER METER VAULTS	CONCRETE	AMERICAN INDUSTRIAL PRECAST	MUST HAVE APPROVED LIFTING DEVICES	DWU SPECS		-
WATER METER VAULTS	CONCRETE	BROOKS/OLDCASTLE PRECAST	MUST HAVE APPROVED LIFTING DEVICES	DWU SPECS		-
WATER METER VAULTS	CONCRETE	CONCRETE PRODUCTS (CPI)	MUST HAVE APPROVED LIFTING DEVICES	DWU SPECS		-
WATER METER VAULTS	CONCRETE	HANSON	MUST HAVE APPROVED LIFTING DEVICES	DWU SPECS		-
WATER METER VAULTS	CONCRETE	NEW BASIS (DALWORTH QUICKSET)	MUST HAVE APPROVED LIFTING DEVICES	DWU SPECS		-
WATER METER VAULTS	CONCRETE	TURNER	MUST HAVE APPROVED LIFTING DEVICES	DWU SPECS		-

Water Meter Boxes	Small Services	Manufacturer				
WATER METER BOXES FOR 3/4" & 1" SERVICES	PLASTIC WITH DI RING & LID	ACCUCAST	846211 COMPLETE, 842100 BOX, 872065 LID, 872061 RING	DWU SPECS		NA
WATER METER BOXES FOR 3/4" & 1" SERVICES	PLASTIC WITH DI RING & LID	BASS & HAYS MID STATES	MS18DAL BOX, BH-3PD LID, BH-4PD RING	DWU SPECS		NA
WATER METER BOXES FOR 3/4" & 1" SERVICES	PLASTIC WITH DI RING & LID	SIGMA	MB151-DFW-18DAL	DWU SPECS		NA
WATER METER BOXES FOR 1 1/2" & 2" SERVICES	PLASTIC WITH DI RING & LID	BASS & HAYS MID STATES	MS30DAL BOX, BH-5PD LID & RING	DWU SPECS		NA
WATER METER BOXES FOR 1 1/2" & 2" SERVICES	PLASTIC WITH DI RING & LID	ACCUCAST	846215 COMPLETE, 843000 BOX, 872071 RING AND 872070 LID	DWU SPECS		NA

* GALVANIZED BOXES ARE NOT ACCEPTABLE.

W/M Couplings	MIP x Compression	Manufacturer				
WATER METER COUPLINGS	MIP X COMPRESSION 90	FORD	L84-xx-Q	DWU SPECS & PURCHASING DESCRIPTION		UL
WATER METER COUPLINGS	MIP X COMPRESSION 90	FORD		DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	UL
WATER METER COUPLINGS	MIP X COMPRESSION 90	McDONALD	4779MQ	DWU SPECS & PURCHASING DESCRIPTION		TRUESDAIL
WATER METER COUPLINGS	MIP X COMPRESSION 90	MUELLER	H-15531	DWU SPECS & PURCHASING DESCRIPTION		UL

DALLAS WATER UTILITIES APPROVED MATERIALS BY TRADE NAME

Revised December 2016 Johnny Partain 214-670-8796

BASIC PRODUCT CATEGORY	PRODUCT SUB-CATEGORY	MANUFACTURER	MODEL, TYPE, OR STYLE APPROVED	GOVERNING SPECIFICATION	EXCEPTIONS	NSF 61 CERTIFIED
WATER METER COUPLINGS	MIP X COMPRESSION 90	CAMBRIDGE	105NL-Series	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	NSF
WATER METER COUPLINGS	MIP X COMPRESSION 90	McDONALD	74779MQ	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	NSF
WATER METER COUPLINGS	MIP X COMPRESSION 90	MUELLER	H-15531	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	NSF
W/M Couplings	Brass Misc					
WATER METER COUPLINGS	BRASS - CROOKED	FORD	3/4" - L38-23 and 1" - L38-44	DWU SPECS & PURCHASING DESCRIPTION		UL
WATER METER COUPLINGS	BRASS - CROOKED	FORD		DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	UL
WATER METER COUPLINGS	BRASS - CROOKED	McDONALD	3/4" - 4621 DALLAS 1" - 4623 DALLAS	DWU SPECS & PURCHASING DESCRIPTION		TRUESDAIL
WATER METER COUPLINGS	BRASS - CROOKED	MUELLER	H-10892	DWU SPECS & PURCHASING DESCRIPTION		UL
WATER METER COUPLINGS	BRASS - CROOKED	CAMBRIDGE	405NL-Series	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	NSF
WATER METER COUPLINGS	BRASS - CROOKED	McDONALD	3/4" - 74621 DALLAS 1" - 74623 DALLAS	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	NSF
WATER METER COUPLINGS	BRASS - CROOKED	MUELLER	H-10892E	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	NSF
WATER METER COUPLINGS	BRASS - MIP x MIP ELL	FORD	L88-77	DWU SPECS & PURCHASING DESCRIPTION		UL
WATER METER COUPLINGS	BRASS - MIP x MIP ELL	FORD		DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	UL
WATER METER COUPLINGS	BRASS - MIP x MIP ELL	JAMES JONES	J2604	DWU SPECS & PURCHASING DESCRIPTION		UL
WATER METER COUPLINGS	BRASS - MIP x MIP ELL	CAMBRIDGE	105NL-Series	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	NSF
WATER METER COUPLINGS	BRASS - MIP x MIP ELL	McDONALD		DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	NSF
WATER METER COUPLINGS	BRASS - MIP x MIP ELL	MUELLER	H15538	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	NSF

W/M Couplings	Meter Flange	Manufacturer				
WATER METER COUPLINGS	1 1/2" BRASS METER FLANGE	JAMES JONES*	J129H	DWU SPECS & PURCHASING DESCRIPTION	*FLANGE MUST BE 3/4" THICK	-
WATER METER COUPLINGS	1 1/2" BRASS METER FLANGE	McDONALD*	610F	DWU SPECS & PURCHASING DESCRIPTION	*FLANGE MUST BE 3/4" THICK	-
WATER METER COUPLINGS	1 1/2" BRASS METER FLANGE	MIDCO		DWU SPECS & PURCHASING DESCRIPTION	*FLANGE MUST BE 3/4" THICK	-
WATER METER COUPLINGS	1 1/2" BRASS METER FLANGE	WHITE RHINO	TUFF	DWU SPECS & PURCHASING DESCRIPTION	*FLANGE MUST BE 3/4" THICK	-
WATER METER COUPLINGS	2" BRASS METER FLANGE	JAMES JONES*	J129H	DWU SPECS & PURCHASING DESCRIPTION	*FLANGE MUST BE 3/4" THICK	-
WATER METER COUPLINGS	2" BRASS METER FLANGE	McDONALD*	610F	DWU SPECS & PURCHASING DESCRIPTION	*FLANGE MUST BE 3/4" THICK	-
WATER METER COUPLINGS	2" BRASS METER FLANGE	MIDCO		DWU SPECS & PURCHASING DESCRIPTION	*FLANGE MUST BE 3/4" THICK	-
WATER METER COUPLINGS	2" BRASS METER FLANGE	WHITE RHINO	TUFF	DWU SPECS & PURCHASING DESCRIPTION	*FLANGE MUST BE 3/4" THICK	-

DALLAS WATER UTILITIES
APPROVED MATERIALS BY TRADE NAME

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BASIC PRODUCT CATEGORY	PRODUCT SUB-CATEGORY	MANUFACTURER	MODEL, TYPE, OR STYLE APPROVED	GOVERNING SPECIFICATION	EXCEPTIONS	NSF 61 CERTIFIED
W/M Couplings	Flange Bolts	Manufacturer				
WATER METER COUPLINGS	1 1/2" FLANGE BOLTS		5/8" X 2 1/4" HEXHEAD CAPSCREW, GRADE 2, ZINC PLATED, SAR			-
WATER METER COUPLINGS	2" FLANGE BOLTS		5/8" X 2 1/4" HEXHEAD CAPSCREW, GRADE 2, ZINC PLATED, SAR			-

W/M Couplings	Straight	Manufacturer				
WATER METER COUPLINGS	3/4" BRASS - STRAIGHT	FORD	C38-23-2.5	DWU SPECS & PURCHASING DESCRIPTION		UL
WATER METER COUPLINGS	3/4" BRASS - STRAIGHT	FORD		DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	UL
WATER METER COUPLINGS	3/4" BRASS - STRAIGHT	McDONALD	4622 DALLAS	DWU SPECS & PURCHASING DESCRIPTION		TRUESDAIL
WATER METER COUPLINGS	3/4" BRASS - STRAIGHT	MUELLER	H-10890	DWU SPECS & PURCHASING DESCRIPTION		UL
WATER METER COUPLINGS	3/4" BRASS - STRAIGHT	CAMBRIDGE	417NL-T3M3	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	NSF
WATER METER COUPLINGS	3/4" BRASS - STRAIGHT	McDONALD	74622 DALLAS	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	NSF
WATER METER COUPLINGS	3/4" BRASS - STRAIGHT	MUELLER	H-10890E	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	NSF
WATER METER COUPLINGS	1" BRASS - STRAIGHT	FORD	C38-44-2.625	DWU SPECS & PURCHASING DESCRIPTION		UL
WATER METER COUPLINGS	1" BRASS - STRAIGHT	FORD		DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	UL
WATER METER COUPLINGS	1" BRASS - STRAIGHT	McDONALD	4624 DALLAS	DWU SPECS & PURCHASING DESCRIPTION		TRUESDAIL
WATER METER COUPLINGS	1" BRASS - STRAIGHT	MUELLER	H-10890	DWU SPECS & PURCHASING DESCRIPTION		UL
WATER METER COUPLINGS	1" BRASS - STRAIGHT	CAMBRIDGE	417NL-T4M4	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	NSF
WATER METER COUPLINGS	1" BRASS - STRAIGHT	McDONALD	74624 DALLAS	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	NSF
WATER METER COUPLINGS	1" BRASS - STRAIGHT	MUELLER	H-10890E	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	NSF
Water Meter Couplings	FIP	Manufacturer				
WATER METER COUPLINGS	FIP x COMPRESSION COUPLING	FORD	C14-xx Q	DWU SPECS & PURCHASING DESCRIPTION		UL
WATER METER COUPLINGS	FIP x COMPRESSION COUPLING	FORD		DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	UL
WATER METER COUPLINGS	FIP x COMPRESSION COUPLING	McDONALD	4754Q	DWU SPECS & PURCHASING DESCRIPTION		TRUESDAIL
WATER METER COUPLINGS	FIP x COMPRESSION COUPLING	MUELLER	H-15451	DWU SPECS & PURCHASING DESCRIPTION		UL
WATER METER COUPLINGS	FIP x COMPRESSION COUPLING	CAMBRIDGE	117NL-Series	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	NSF
WATER METER COUPLINGS	FIP x COMPRESSION COUPLING	McDONALD	74754Q	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	NSF
WATER METER COUPLINGS	FIP x COMPRESSION COUPLING	MUELLER	H-15451E	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	NSF

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BASIC PRODUCT CATEGORY	PRODUCT SUB-CATEGORY	MANUFACTURER	MODEL, TYPE, OR STYLE APPROVED	GOVERNING SPECIFICATION	EXCEPTIONS	NSF 61 CERTIFIED
Water Meter Couplings	MIP	Manufacturer				
WATER METER COUPLINGS	MIP x COMPRESSION COUPLING	FORD	C84-xx-Q SERIES	DWU SPECS & PURCHASING DESCRIPTION		UL
WATER METER COUPLINGS	MIP x COMPRESSION COUPLING	FORD	C84-xx-Q SERIES	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	UL
WATER METER COUPLINGS	MIP x COMPRESSION COUPLING	McDONALD	4753Q	DWU SPECS & PURCHASING DESCRIPTION		TRUESDAIL
WATER METER COUPLINGS	MIP x COMPRESSION COUPLING	MUELLER	H-15428	DWU SPECS & PURCHASING DESCRIPTION		UL
WATER METER COUPLINGS	MIP x COMPRESSION COUPLING	CAMBRIDGE	117NL-Series	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	NSF
WATER METER COUPLINGS	MIP x COMPRESSION COUPLING	McDONALD	74753Q	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	NSF
WATER METER COUPLINGS	MIP x COMPRESSION COUPLING	MUELLER	H-15428E	DWU SPECS & PURCHASING DESCRIPTION	NO LEAD ONLY	NSF

**DALLAS WATER UTILITIES
APPROVED MATERIALS BY TRADE NAME
WASTEWATER COLLECTION SYSTEM**

Revised September 2017

Wastewater Material Review Committee - DWU-WWMRC@dallascityhall.com

Mainline- Pipeline (Material)	Manufacturer	Pipe Standard	NCTCOG	Size	Joint Specification	Gasket Specification	Exception/ Notes
PVC (Solid Wall)	JM Eagle or Diamond Plastics	ASTM D3034 (SDR 35)	501.14, 501.17	6"-15"	BELL AND SPIGOT-ASTM D3212	ASTM F477	Min. PS= 46 psi
PVC (Solid Wall)	JM Eagle or Diamond Plastics	ASTM F679	501.14, 501.17	18"-48"	BELL AND SPIGOT-ASTM D3213	ASTM F477	Min. PS= 46 psi
PVC-Pressure Rated	JM Eagle or Diamond Plastics	ASTM D2241 (SDR 26)	501.15	6"-12"	BELL AND SPIGOT-ASTM D3139	ASTM F477	PS= 160 psi
PVC-Pressure Rated	JM Eagle or Diamond Plastics	AWWA C905 (DR 25)	501.15	14"-30"	BELL AND SPIGOT-ASTM D3139	AWWA C905/ ASTM F477	PR= 165 psi
RCP*	Thompson Pipe Group	ASTM C76	501.5	54"-120"	BELL AND SPIGOT-ASTM C361	NCTCOG 501.5.4	Class I, II, III, IV, V shall be specified
RCP*	Thompson Pipe Group	ASTM C361	501.5	54"-102"	BELL AND SPIGOT-ASTM C361	NA	Class A, B, C, D shall be specified
PCCP-Embedded Cylinder	NA	AWWA C301	501.4.5	54"-144"	BELL AND SPIGOT-AWWA C301	NA	
HDPE	Performance Pipe	ASTM F894	NA	18"-96"	BELL AND SPIGOT-ASTM 3212	ASTM F477	Specify DIPS Only with Min. PS= 46 psi
HDPE	Performance Pipe	ASTM F714 (DR 17)	NA	6"-30"	FUSION ASTM F2620	NA	Specify DIPS Only with Min. PS= 125 psi
HDPE-Pressure Rated	Performance Pipe	ASTM F 714 (DR 11)	NA	6"-30"	FUSION ASTM F2620	ASTM F477	Specify DIPS Only with Min. PS= 200 psi
RTRP	Hobas	ASTM D3262	501.24	18"-102"	BELL AND SPIGOT-ASTM D4161	ASTM F477	Min. SN=46 psi
RTRP	Flowtite	ASTM D3262	501.24	24" & Up	BELL AND SPIGOT-ASTM D4161	ASTM F477	Excluded from facilities & water projects
RPMP	NA	ASTM D3262	501.24	18"-102"	BELL AND SPIGOT-ASTM D4161	ASTM F477	Min. SN=46 psi
RTRP-Pressure Rated	Hobas or Ameron	ASTM D3754	501.24	18"-102"	BELL AND SPIGOT-ASTM 4161	ASTM F477	Min. SN=150 psi
RTRP-Pressure Rated	Hobas or Ameron	ASTM D3754	501.24	18"-102"	BELL AND SPIGOT-ASTM 4161	ASTM F477	Min. SN=150 psi
Vitrified Clay Pipe	NA	ASTM C700/ASTM C1209	NA	6"-48"	BELL AND SPIGOT-ASTM C425	ASTM C425	For use on Jacking, Boring, or Pipe Bursting Only
Ductile Iron	NA	AWWA C151 (Class 52)	501.7.COD	12"-64"	NA	NCTCOG 501.7.2.COD	For use on aerial crossing for encasement pipe only . STD Drawing 109
NOTE: DESIGN PLANS DESIGNATE ONLY ACCEPTABLE MATERIALS FOR PROJECT							
* All RCP pipe must be installed with Approved Pipe Liner							
Lateral (Material)	Manufacturer	Pipe Standard	NCTCOG	Standard Drawing	Joint Specification	Gasket Specification	Exception/ Notes
PVC	NA	ASTM D3034 (SDR 35)	501.14, 501.17	319-326	BELL AND SPIGOT-ASTM D3212	ASTM F477	6"-12"
Pipe/Manhole Corrosion Protection	Manufacturer	Standard/Model	NCTCOG	Standard Drawing	Specification		Exception/ Notes
Protective Liner- Epoxy	Raven Lining Systems	Raven 405	502.9	INSTALLATION SHALL BE PER MANUFACTURERS RECCOMENDATION AND TECHINCAL SPECIFICATION			
Precast Concrete Additive	Conshield Technologies	E.P.A. registration number 75174-2-47000	502.9				For use on 4.0' Pre-cast MH only
Precast Concrete Additive	BASF Corp	MasterLife AMA 100	502.9				For use on 4.0' Pre-cast MH only
Protective Liner- Polyurethane	SprayRoq Lining Systems	ASTM D639/D790	502.9				N/A
Protective Liner-Polyvinyl Chloride	Ameron International	T-Lock	502.9				For diameters of 30" and above. All PVC liners must be white or close to white in color.
Manholes	Manufacturer	Standard	NCTCOG	Standard Drawing	Specification	Exception/ Notes	
Fiberglass	LF Manufacturing	TCEQ 217	502.1.1.2	305	ASTM 3753	All new manhole lids shall be 32" Minimum	
Precast	Thompson Pipe Group	TCEQ 217	502.1.1.1	301	ASTM C478		
Precast	Turner	TCEQ 217	502.1.1.1	301	ASTM C478		
Cast in Place	NA	TCEQ 217	502.1.4.1.2	303	NA		
Precast Steel Reinforced Polymer Concrete Structure	U.S. Composite Pipe	TCEQ 217	NA		ASTM D 6783 and ASTM C 478	Use only when recommended by Engineer.	
ALL NEW MANHOLES SHALL HAVE CORROSION PROTECTION							
Manhole Lid/Cover	Manufacturer	Standard/Model	NCTCOG	Standard Drawing	Specification	Exception/ Notes	
Standard 24"	Bass and Hays	BH40024C10	806.4.1.2	312A	ASTM A48 Class 35B, Cast Iron Only Must have Bituminous Coating	Not for use on new construction	
Standard 32"	Bass and Hays	V1420DRING, V1480LID	806.4.1.2	312	ASTM A48 Class 35B, Cast Iron Only Must have Bituminous Coating		
Standard 40"	Bass and Hays	122540RING, 122540LID	806.4.1.2	315	ASTM A48 Class 35B, Cast Iron Only Must have Bituminous Coating		
Pressure 24"	Bass and Hays	38024P10	806.4.1.2	313A	ASTM A48 Class 35B, Cast Iron Only Must have Bituminous Coating	Not for use on new construction	
Pressure 32"	Bass and Hays	V1420DWT	806.4.1.2	313	ASTM A48 Class 35B, Cast Iron Only Must have Bituminous Coating		
Pressure 40"	Bass and Hays	122540WT	806.4.1.2	314	ASTM A48 Class 35B, Cast Iron Only Must have Bituminous Coating		
Standard 24"	Accucast	220001	806.4.1.2	312A	ASTM A48-94A, Class 35B, Cast Iron Only Must have Bituminous Coating	Not for use on new construction	
Standard 32"	Accucast	211007	806.4.1.2	312	ASTM A48-94A, Class 35B, Cast Iron Only Must have Bituminous Coating		
Standard 32"	Accucast	211009	806.4.1.2	312	ASTM A48-94A, Class 35B, Cast Iron Only Must have Bituminous Coating		
Pressure 32"	Accucast	210024	806.4.1.2	313	ASTM A48-94A, Class 35B, Cast Iron Only Must have Bituminous Coating		
Pressure 32"	Accucast	211023	806.4.1.2	313	ASTM A48-94A, Class 35B, Cast Iron Only Must have Bituminous Coating		
Standard 24"	East Jordan Iron Works	2024Z1(frame) 2024A1(Cover)	806.4.1.2	312A	ASTM A48 Class 35B, Cast Iron Only Must have Bituminous Coating	Not for use on new construction	
Standard 32"	East Jordan Iron Works	V1420/1480Z(Frame) 1480A(Cover)	806.4.1.2	312	ASTM A48 Class 35B, Cast Iron Only Must have Bituminous Coating		

**DALLAS WATER UTILITIES
APPROVED MATERIALS BY TRADE NAME
WASTEWATER COLLECTION SYSTEM**

Standard 40"	East Jordan Iron Works	BH 1225 40(Frame & Cover)	806.4.1.2	315	ASTM A48 Class 35B, Cast Iron Only Must have Bituminous Coating	
Pressure 24"	East Jordan Iron Works	V2386 (Frame & Cover)	806.4.1.2	313A	ASTM A48 Class 35B, Cast Iron Only Must have Bituminous Coating	Not for use on new construction
Pressure 32"	East Jordan Iron Works	V1420/1480ZPT (Frame), 1480APT (Cover)	806.4.1.2	313	ASTM A48 Class 35B, Cast Iron Only Must have Bituminous Coating	
Pressure 40"	East Jordan Iron Works	BH 1225 40PT(Frame & Cover)	806.4.1.2	314	ASTM A48 Class 35B, Cast Iron Only Must have Bituminous Coating	
Standard 32"	Star Pipe	MH32DWWCL35	806.4.1.2	312	ASTM A48 Class 35B, Cast Iron Only Must have Bituminous Coating	
Pressure 32"	Star Pipe	MH32DWTCL35	806.4.1.2	313	ASTM A48 Class 35B, Cast Iron Only Must have Bituminous Coating	
Manhole Frame	Manufacturer	Standard	NCTCOG	Standard Drawing	Specification	Exception/ Notes
Standard Frame	NA	NA	806.4.1.2	312-315	ASTM A48 Class 35B	
Pressure Frame	NA	NA	806.4.1.2	312-315	ASTM A48 Class 35B	
Cleanouts	Manufacturer	Standard/Model	NCTCOG	Standard Drawing	Specification	Exception/ Notes
Cleanout Lid	Bass and Hays, Star	339LID	502.2, 806.4.1.2	317-318	NA	
WW Access Device	Manufacturer	Standard/Model	NCTCOG	Standard Drawing	Specification	Exception/ Notes
Wastewater Access Device	JM Eagle	WAC 15	502.2	328	NA	Min. 15" Riser Pipe
Trenchless-Rehab	Manufacturer	Standard	NCTCOG	Standard Drawing	Specification	Exception/ Notes
Cured in Place Pipe (CIPP)	Insituform	NA	NA	NA	ASTM F1216/ASTM 5813	For use on rehab
Cured in Place Pipe (CIPP)	Reline America, Inc	Blue-Tek UV Light Cured CIPP	502.9		NA	
Casing Spacers	Manufacturer	Standard/Model	NCTCOG	Standard Drawing	Specification	Exception/ Notes
CASING SPACER	Advance Products and Systems	Stainless Model SSI	503.2.2.1	108, 109	Stainless Only	N/A
CASING SPACER	PSI	Stainless Model	503.2.2.1	108, 109	Stainless Only	N/A
Wastewater Valve	Manufacturer	Standard/Model	NCTCOG	Standard Drawing	Specification	Exception/ Notes
Backwater Valve	Oatey	43900- 43909	NA	NA	NA	
Other	Manufacturer	Standard/Model	NCTCOG	Standard Drawing	Specification	Exception/ Notes
Grade Adjustment Riser	Bass and Hays	NA	502.1.2, 502.1.4.5	401, 412	NA	
Drop Bowl	Reliner/Duran, Inc	Inside Drop Bowl	NA	307	NA	
Manhole to Pipe Connectors	A-LOK	A-lok Series	NA	310	ASTM C923	
Manhole to Pipe Connectors	NPC Kor-N-Seal	106/406 series (NPC)	NA	310	ASTM C923	Precast Manholes Only
Chimney Seal	Crete Specialty	Classic Internal Chimney Seal	NA	327	NA	
Rubber Sleeve Coupling	Fernco	NA-UPC approved	NA	320	NA	For Clay or Concrete Pipe Only
PVC Adapter Coupling	JM Eagle or Diamond Plastics	NA	NA	320	NA	For PVC Pipe
Tapping Saddle	Fernco	Flexible Tap Saddle (TSW 6")	NA	NA	NA	Pipe bursting Only
Liner Plate	Contech Cont.Product, Inc	Contech Tunnel Liner Plate	501.13	NA	NA	
Vortex Flow Insert	IPEX	Vortex Flow	NA	NA	NA	Drop Manholes Only
Manhole Insert	Doug Meadows	No Flow-Inflow Manhole Dish/Insert	NA	NA	ASTM D 1248	

NOTES

UNLESS OTHERWISE IDENTIFIED BY SPECIFICATION OR STANDARD, NCTCOG STANDARDS APPLY TO INSTALLATION

FOR STANDARD DRAWING AND/OR SPECIFICATIONS NOT LISTED OR LISTED AS NA, REFER TO MANUFACTURER'S SPECIFICATIONS

ALL ITEMS NOT ON THIS LIST NEED APPROVAL BY OWNER BEFORE PLACEMENT INTO SYSTEM

FOR ANY MATERIALS BELIEVED TO BE APPROVED BY COMMITTEE BUT NOT SHOWN ON THE APPROVED MATERIALS LIST, PLEASE CONTACT WASTEWATER MATERIAL REVIEW COMMITTEE CHAIRPERSON AT DWU-WWMRC@DALLASCITYHALL.COM FOR FURTHER CLARIFICATION.