



PRE-APPROVED WASTEWATER PRODUCTS

NOTES:

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REF NO.	COH SPECIFICATION	ASTM (AWWA)	PRODUCT DESCRIPTION	MANUFACTURER	MODEL/TRADE NAME	SIZE/RANGE
COHWW02083-01	02083	NA	Manhole & Lift Station rehabilitation using Fiberglass Liner	Containment Solutions Inc	Manhole Liner ¹	NA
COHWW02083-02	02083	NA	Manhole & Lift Station rehabilitation using Fiberglass Liner	LF Manufacturer	Manhole Liner ¹	NA
COHWW02426-01	02426	AWWA C105 C110,C115 C150,C151 C153	Ductile Iron Pipe	Griffin Pipe Products Inc.	Push On / Mechanical Joint Pipe Restrained Joint Pipe	3"-48"
COHWW02427-01	02427	C76	PVC Liner cast in Reinforced Concrete Pipe, minimum Class III	Ameron International	T-Lock	30"-144"
COHWW02441-01	02441	D3262 D4161	Tunneling using Fiberglass Pipe	Hobas	Hobas (D2997)	12"-144"
COHWW02441-02	02441	C1028	Tunneling using Extra Strength Clay Pipe	Denlok	Denlok NS / NC	12"-36"
COHWW02441-03	02441	C1028	Tunneling using Extra Strength Clay Pipe	Mission Clay	No-Dig	12"-36"
COHWW02447-01	02447	D3262 D4161	Augering with or without casing using Fiberglass Pipe	Hobas	Hobas (D2997)	12"-144"
COHWW02447-02	02447	C1028	Augering with or without casing using Extra Strength Clay Pipe	Denlok	Denlok NS / NC	12"-36"
COHWW02447-03	02447	C1028	Augering with or without casing using Extra Strength Clay Pipe	Mission Clay	No-Dig	12"-36"
COHWW02447-04	02447	C1028	Augering with or without casing using Fiberglass Pipe	Ameron International	Bondstrand Pipe	2"-144"
COHWW02447-05	02447	D3262 D4161 D5685	Force main using Fiberglass Pipe ⁵	Ameron International	Bondstrand 3200 (D2996) ⁶	2"-144"
COHWW02501-01	02501	(C110)	Pipe restrainers	Star Pipe Products	PVC Stargrip Series 4000, 3000, 1000,1000c,1100c	NA
COHWW02501-02	02501	A746 D1248	Gravity direct bury using Ductile Iron w/Polyethylene, Polyurethane, or Ceramic Epoxy Lining	American Cast Iron Pipe Co	American Ductile Iron Pipe	8"-54"
COHWW02501-03	02501	A746 D1248	Gravity direct bury using Ductile Iron w/Polyethylene, Polyurethane, or Ceramic Epoxy Lining	McWane Cast Iron Pipe Co	McWane Ductile Iron Pipe	8"-54"

¹ For structural & corrosion protection.

² "Ring Stiffness Constant" shall equate to a pipe stiffness of 46.

³ Termed "Closed Profile".

⁴ Termed "Open Profile".

⁵ 150 psi Minimum Working Pressure, this does not account for surge (water hammer).

⁶ Filament wound fiberglass pipe may be used in force main applications.

⁷ Gasket material to be determined for each individual installation.

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REF NO.	COH SPECIFICATION	ASTM (AWWA)	PRODUCT DESCRIPTION	MANUFACTURER	MODEL/TRADE NAME	SIZE/RANGE
COHWW02501-04	02501	A746 D1248	Gravity direct bury using Ductile Iron w/Polyethylene, Polyurethane, or Ceramic Epoxy Lining	US Pipe	Tyton Joint Pipe	8"-54"
COHWW02501-05	02501	A746 D1248	Gravity augering with or without casing using Ductile Iron w/Polyethylene, Polyurethane, or Ceramic Epoxy Lining	American Cast Iron Pipe Co	American Ductile Iron Pipe	12"-60"
COHWW02501-06	02501	A746 D1248	Gravity augering with or without casing using Ductile Iron w/Polyethylene, Polyurethane, or Ceramic Epoxy Lining	US Pipe	TR Flex	12"-60"
COHWW02501-07	02501	AWWA C105 C110,C115 C150,C151 C153	Ductile Iron Pipe	Griffin Pipe Products Inc.	Push On / Mechanical Joint Pipe Restrained Joint Pipe	3"-48"
COHWW02501-08	02501	D1248 (C115 C150/151)	Force main direct bury using Ductile Iron w/Polyethylene, Polyurethane, or Ceramic Epoxy Lining ⁵	American Cast Iron Pipe Co	American Ductile Iron Pipe	4"-54"
COHWW02501-09	02501	D1248 (C115 C150/151)	Force main direct bury using Ductile Iron w/Polyethylene, Polyurethane, or Ceramic Epoxy Lining ⁵	US Pipe	TR Flex	4"-54"
COHWW02504-01	02504	D3262 D4161	Tunneling using Fiberglass Pipe	Hobas	Hobas (D2997)	12"-144"
COHWW02504-02	02504	D3262 D4161	Augering with or without casing using Fiberglass Pipe	Hobas	Hobas (D2997)	12"-144"
COHWW02504-03	02504		Gravity direct bury using Fiberglass Pipe	Hobas	Hobas (D2997)	8"-144"
COHWW02504-04	02504	D3262 D4161 D5685	Gravity direct bury using Fiberglass Pipe	Ameron International	Bondstrand pipe	2"-144"
COHWW02504-05	02504	D3262 D4161 D5685	Force main using Fiberglass Pipe ⁵	Hobas	Hobas (D2997)	8"-144"
COHWW02504-06	02504	D3261	Gravity direct bury using Fiberglass Pipe/	Hobas	Hobas ⁷	8"-144"
COHWW02504-07	02504		Fiberglass Reinforced Pipe	USCPS, Inc.	Flowtite	12"-96"
COHWW02505-01	02505	F894	Weholite Profile Wall Pipe	KWH Pipe	Weholite Profile Wall Pipe	18"-120"
COHWW02505-02	02505	F714	Gravity direct bury using Solid Wall HDPE	Chevron Phillips	Driscoplex 4100	8"-10"

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REF NO.	COH SPECIFICATION	ASTM (AWWA)	PRODUCT DESCRIPTION	MANUFACTURER	MODEL/ TRADE NAME	SIZE/ RANGE
COHWW02505-03	02505	F714	Gravity direct bury using Solid Wall HDPE	Chevron Phillips	Driscoplex 4100	12"-48"
COHWW02505-04	02505	F894	Gravity direct bury using Profile Wall Polyethylene	Industrial Pipe Fittings	Spiral HDPE Pipe ²	18"-120"
COHWW02505-05	02505	F714	Sliplining using Solid Wall Poly	Chevron Phillips	Driscoplex 4100 ⁷	8"-48"
COHWW02505-06	02505	F714	Sliplining using Solid Wall Poly	KWH Pipe	Weholite ⁷	14"-63"
COHWW02505-07	02505	F714	Sliplining using Solid Wall Poly	Rinker Poly Pipe	Poly Pipe ⁷	8"-48"
COHWW02505-08	02505	F894	Sliplining using Polyethylene Profile Wall	Industrial Pipe Fittings	Spirolite HDPE Pipe/APS PE Pipe ⁷	18"-120"
COHWW02505-09	02505	AWWA C906, ASTM D3035	Soid Wall HDPE	WL Plastics Corp.	Camcore™ DIPS	4"-18"
COHWW02505-10	02505	AWWA C906, ASTM D3035	Soid Wall HDPE	WL Plastics Corp.	Camcore™ IPS	4"-18"
COHWW02506-11	02505	F714	Force main using HDPE ⁵	Chevron Phillips	Driscoplex 4100	3"-48"
COHWW02506-12	02505	(C906)	Force main using HDPE ⁵	Chevron Phillips	Driscoplex 4100	4"-63"
COHWW02506-05	02506	F679 D3034	PVC Gravity Sewer iple/ PVC Sewer Force Mains	Northern Pipe Products Inc.	PVC Gravity Sewer Pipe/ PVC Sewer Force Mains	NA
COHWW02506-06	02506	D3034	Gravity direct bury using Solid Wall PVC	Certain Teed	Apache	4"-10"
COHWW02506-07	02506	D3034	Gravity direct bury using Solid Wall PVC	Diamond Plastics	SDR 26	4"-10"
COHWW02506-08	02506	D3034	Gravity direct bury using Solid Wall PVC	J-M Eagle Manufacturing	Ring Tite	4"-10"
COHWW02506-09	02506	D3034	Gravity direct bury using Solid Wall PVC	North American Pipe	SDR 26	4"-10"

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COHWW02506-10	02506	D3034	Gravity direct bury using Solid Wall PVC	Certain Teed	Apache	12"-15"
COHWW02506-11	02506	D3034	Gravity direct bury using Solid Wall PVC	Diamond Plastics	SDR35	12"-15"
COHWW02506-12	02506	D3034	Gravity direct bury using Solid Wall PVC	J-M Eagle Manufacturing	Ring Tite	12"-15"
COHWW02506-13	02506	D3034	Gravity direct bury using Solid Wall PVC	North American Pipe	SDR35	12"-15"
COHWW02506-14	02506	D3034	Gravity direct bury using Solid Wall PVC	Royal Building Products	Royal Seal PVC Sewer Pipe D3034	6"-10"
COHWW02506-15	02506	D3034	Gravity direct bury using Solid Wall PVC	Royal Building Products	Royal Seal PVC Sewer Pipe D3034	12"-15"
COHWW02506-16	02506	F679	Gravity direct bury using Solid Wall PVC	Diamond Plastics	F679	18"-36"
COHWW02506-17	02506	F679	Gravity direct bury using Solid Wall PVC	J-M Eagle Manufacturing	Ring Tite	18"-36"
COHWW02506-18	02506	F679	Gravity direct bury using Solid Wall PVC	North American Pipe	F679	18"-36"
COHWW02506-19	02506	F679	Gravity direct bury using Solid Wall PVC	Royal Building Products	Royal Seal PVC Sewer Pipe F679	18"-27"
COHWW02506-20	02506	F679	Gravity direct bury using Solid Wall PVC	Royal Building Products	Royal Seal PVC Sewer Pipe F679	18"-27"
COHWW02506-21	02506	(C900)	Gravity direct bury using Solid Wall PVC	J-M Eagle Manufacturing	Blue Brute (C900)	4"-12"
COHWW02506-22	02506	(C905)	Gravity direct bury using Solid Wall PVC	J-M Eagle Manufacturing	Big Blue (C905)	14"-20"
COHWW02506-30	02506	(C900)	Force main using Solid Wall PVC ⁵	Certain Teed	Apache	4"-12"
COHWW02506-31	02506	(C900)	Force main using Solid Wall PVC ⁵	Diamond Plastics	C900	4"-12"

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COHWW02506-32	02506	(C900)	Force main using Solid Wall PVC ⁵	J-M Eagle Manufacturing	Blue Brute (C900)	4"-12"
COHWW02506-34	02506	(C905)	Force main using Solid Wall PVC ⁵	Diamond Plastics	C905	14"-20"
COHWW02506-35	02506	(C905)	Force main using Solid Wall PVC ⁵	J-M Eagle Manufacturing	Big Blue (C905)	14"-20"
COHWW02506-38	02506	ASTM D 3034, F-679	PVC Gravity Sewer/ PVC Sewer Force Mains	Vinyltech	ASTM D3034 & F679, SDR 35 & 26	4"-24"
COHWW02506-39	02506	ASTM D 3034, F-679	PVC Gravity Sewer Pipe	PipeLife Jet Stream, Inc.	SDR 35 & 26	4"-24"
COHWW02506-40	02506	C900	Force main using Solid Wall PVC ⁵	PipeLife Jet Stream, Inc.	C900-16 DR14 & DR18	4"-20"
COHWW02506-41	02506	C900	Force main using Solid Wall PVC ⁵	NAPCO Pipe & Fitting	C900/IB DR14 & DR18	14"-20"
COHWW02506-42	02506	C900	Force main using Solid Wall PVC ⁵	NAPCO Pipe & Fitting	Certa-Lok RJ	4"-20"
COHWW02506-43	2506	C900	PVC Gravity Sewer/ PVC Sewer Force Mains ⁵	NAPCO Pipe & Fitting	C900/Certa-Lok RJIB DR14 & DR18	4"-16"
COHWW02508-01	02508	C1028	Tunneling using Extra Strength Clay Pipe	Denlok	Denlok NS / NC	12"-36"
COHWW02508-02	02508	C1028	Tunneling using Extra Strength Clay Pipe	Mission Clay	No-Dig	12"-36"
COHWW02508-03	02508	C1028	Augering with or without casing using Extra Strength Clay Pipe	Denlok	Denlok NS / NC	12"-36"
COHWW02508-04	02508	C1028	Augering with or without casing using Extra Strength Clay Pipe	Mission Clay	No-Dig	12"-36"
COHWW02508-05	02508	C700	Gravity direct bury using Extra Strength Clay Pipe	Denlok	Denlok NS / NC	12"-36"
COHWW02508-06	02508	C700	Gravity direct bury using Extra Strength Clay Pipe	Mission Clay	JCP / Band Seal	12"-36"

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COHWW02531-01	02531	F679 D3034	PVC Gravity Sewer Pipe/ PVC Sewer Force Mains	Northern Pipe Products Inc.	PVC Gravity Sewer Pipe/ PVC Sewer Force Mains	NA
COHWW02531-02	02531		Gravity direct bury using Fiberglass Pipe	Hobas	Hobas (D2997)	8"-144"
COHWW02531-03	02531	A746 D1248	Gravity direct bury using Ductile Iron w/Polyethylene, Polyurethane, or Ceramic Epoxy Lining	American Cast Iron Pipe Co	American Ductile Iron Pipe	8"-54"
COHWW02531-04	02531	A746 D1248	Gravity direct bury using Ductile Iron w/Polyethylene, Polyurethane, or Ceramic Epoxy Lining	McWane Cast Iron Pipe Co	McWane Ductile Iron Pipe	8"-54"
COHWW02531-05	02531	A746 D1248	Gravity direct bury using Ductile Iron w/Polyethylene, Polyurethane, or Ceramic Epoxy Lining	US Pipe	Tyton Joint Pipe	8"-54"
COHWW02531-06	02531	A746 D1248	Gravity augering with or without casing using Ductile Iron w/Polyethylene, Polyurethane, or Ceramic Epoxy Lining	American Cast Iron Pipe Co	American Ductile Iron Pipe	12"-60"
COHWW02531-07	02531	A746 D1248	Gravity augering with or without casing using Ductile Iron w/Polyethylene, Polyurethane, or Ceramic Epoxy Lining	US Pipe	TR Flex	12"-60"
COHWW02531-08	02531	F714	Gravity direct bury using Solid Wall HDPE	Chevron Phillips	Driscoplex 4100	8"-10"
COHWW02531-09	02531	F714	Gravity direct bury using Solid Wall HDPE	Chevron Phillips	Driscoplex 4100	12"-48"
COHWW02531-10	02531	F894	Gravity direct bury using Profile Wall Polyethylene	Industrial Pipe Fittings	Spiral HDPE Pipe ²	18"-120"
COHWW02531-11	02531	D3034	Gravity direct bury using Solid Wall PVC	Certain Teed	Apache	4"-10"
COHWW02531-12	02531	D3034	Gravity direct bury using Solid Wall PVC	Diamond Plastics	SDR 26	4"-10"
COHWW02531-13	02531	D3034	Gravity direct bury using Solid Wall PVC	J-M Eagle Manufacturing	Ring Tite	4"-10"
COHWW02531-14	02531	D3034	Gravity direct bury using Solid Wall PVC	North American Pipe	SDR 26	4"-10"
COHWW02531-15	02531	D3034	Gravity direct bury using Solid Wall PVC	Certain Teed	Apache	12"-15"

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COHWW02531-16	02531	D3034	Gravity direct bury using Solid Wall PVC	Diamond Plastics	SDR35	12"-15"
COHWW02531-17	02531	D3034	Gravity direct bury using Solid Wall PVC	J-M Eagle Manufacturing	Ring Tite	12"-15"
COHWW02531-18	02531	D3034	Gravity direct bury using Solid Wall PVC	North American Pipe	SDR35	12"-15"
COHWW02531-19	02531	F679	Gravity direct bury using Solid Wall PVC	Diamond Plastics	F679	18"-36"
COHWW02531-20	02531	D3034	Gravity direct bury using Solid Wall PVC	Royal Building Products	Royal Seal PVC Sewer Pipe D3034	6"-10"
COHWW02531-21	02531	D3034	Gravity direct bury using Solid Wall PVC	Royal Building Products	Royal Seal PVC Sewer Pipe D3034	12"-15"
COHWW02531-22	02531	F679	Gravity direct bury using Solid Wall PVC	J-M Eagle Manufacturing	Ring Tite	18"-36"
COHWW02531-23	02531	F679	Gravity direct bury using Solid Wall PVC	North American Pipe	F679	18"-36"
COHWW02531-24	02506	F679	Gravity direct bury using Solid Wall PVC	Royal Building Products	Royal Seal PVC Sewer Pipe F679	18"-27"
COHWW02531-25	02506	F679	Gravity direct bury using Solid Wall PVC	Royal Building Products	Royal Seal PVC Sewer Pipe F679	18"-27"
COHWW02531-26	02531	(C900)	Gravity direct bury using Solid Wall PVC	J-M Eagle Manufacturing	Blue Brute (C900)	4"-12"
COHWW02531-27	02531	(C905)	Gravity direct bury using Solid Wall PVC	J-M Eagle Manufacturing	Big Blue (C905)	14"-20"
COHWW02531-34	02531	C700	Gravity direct bury using Extra Strength Clay Pipe	Denlok	Denlok NS / NC	12"-36"
COHWW02531-35	02531	C700	Gravity direct bury using Extra Strength Clay Pipe	Mission Clay	JCP / Band Seal	12"-36"
COHWW02531-36	02531	AWWA C105 C110,C115 C150,C151 C153	Ductile Iron Pipe	Griffin Pipe Products Inc.	Push On / Mechanical Joint Pipe Pipe Restrained Joint Pipe	3"-48"

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COHWW02531-37	02531	D3262 D4161 D5685	Gravity direct bury using Fiberglass Pipe	Ameron International	Bondstrand pipe	2"-144"
COHWW02531-38	02531	D3262 D3681 D3754 D4161 F477	Gravity direct bury using Fiberglass Pipe	USCPS, Inc.	Flowtite	12"-96"
COHWW02531-39	02531	AWWA C906, ASTM D3035	Gravity direct bury using Soid Wall HDPE	WL Plastics Corp.	Camcore™ DIPS	4"-18"
COHWW02531-40	02531	AWWA C906, ASTM D3035	Gravity direct bury using Soid Wall HDPE	WL Plastics Corp.	Camcore™ IPS	4"-18"
COHWW02531-41	02531	C900	Gravity direct bury using solid Wall PVC	NAPCO Pipe & Fitting	Certa-Lok RJ	4"-20"
COHWW02532-01	02532	AWWA C105 C110,C115 C150,C151 C153	Ductile Iron Pipe	Griffin Pipe Products Inc.	Push On / Mechanical Joint Pipe Restrained Joint Pipe	3"-48"
COHWW02532-02	02532	D3262 D4161 D5685	Force main using Fiberglass Pipe ⁵	Ameron International	Bondstrand 3200 (D2996) ⁶	2"-16"
COHWW02532-03	02532	D3262 D4161 D5685	Force main using Fiberglass Pipe ⁵	Hobas	Hobas (D2997)	8"-144"
COHWW02532-04	02532	F714	Force main using HDPE ⁵	Chevron Phillips	Driscoplex 4100	3"-48"
COHWW02532-05	02532	(C900)	Force main using Solid Wall PVC ⁵	Certain Teed	Apache	4"-12"
COHWW02532-06	02532	(C900)	Force main using Solid Wall PVC ⁵	Diamond Plastics	C900	4"-12"
COHWW02532-07	02532	(C900)	Force main using Solid Wall PVC ⁵	J-M Eagle Manufacturing	Blue Brute (C900)	4"-12"
COHWW02532-09	02532	(C905)	Force main using Solid Wall PVC ⁵	Diamond Plastics	C905	14"-20"
COHWW02532-10	02532	(C905)	Force main using Solid Wall PVC ⁵	J-M Eagle Manufacturing	Big Blue (C905)	14"-20"
COHWW02532-12	02532	(C906)	Force main using HDPE ⁵	Chevron Phillips	Driscoplex 4100	4"-63"

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REF NO.	COH SPECIFICATION	ASTM (AWWA)	PRODUCT DESCRIPTION	MANUFACTURER	MODEL/TRADE NAME	SIZE/RANGE
COHWW02532-13	02532	D3262 D4161 D5685	Force main using Fiberglass Pipe ⁵	Ameron International	Bondstrand pipe	2"-144"
COHWW02532-14	02532	D3262 D3681 D3754 D4161 F477	Force main using Fiberglass Pipe ⁵	USCPS, Inc.	Flowtite	12"-96"
COHWW02532-15	02532	ASTM D 3034, F-679	PVC Sewer Force Mains	Vinyltech	ASTM D3034 & F679, SDR 35 & 26	4"-24"
COHWW02532-16	02532	AWWA C906, ASTM D3035	Force Main using Soid Wall HDPE	WL Plastics Corp.	Camcore™ DIPS	4"-18"
COHWW02532-17	02532	AWWA C906, ASTM D3035	Force Main using Soid Wall HDPE	WL Plastics Corp.	Camcore™ IPS	4"-18"
COHWW02532-18	02532	C900	Force main using Solid Wall PVC ⁵	PipeLife Jet Stream, Inc.	C900-16 DR14 & DR18	4"-20"
COHWW02532-19	02532	C900	Force main using Solid Wall PVC ⁵	NAPCO Pipe & Fitting	C900/IB DR14 & DR18	14"-20"
COHWW02532-20	02532	C900	Force main using Solid Wall PVC ⁵	NAPCO Pipe & Fitting	Certa-Lok RJ	4"-20"
COHWW02534-01	02534	NA	PVC Couplings	JOINTS, INC.	Calder Repair Couplings (CRC) Sheilded Repair	NA
COHWW02535-01	02535	D1248 (C115 C150/151)	Force main direct bury using Ductile Iron w/Polyethylene, Polyurethane, or Ceramic Epoxy Lining ⁵	American Cast Iron Pipe Co	American Ductile Iron Pipe	4"-54"
COHWW02535-02	02535	D1248 (C115 C150/151)	Force main direct bury using Ductile Iron w/Polyethylene, Polyurethane, or Ceramic Epoxy Lining ⁵	US Pipe	TR Flex	4"-54"
COHWW02550-01	02550	D3262	Sliplining using Fiberglass Pipe	Hobas	Hobas ⁷	8"-144"
COHWW02550-02	02550	F714	Sliplining using Solid Wall Poly	Chevron Phillips	Driscoplex 4100 ⁷	8"-48"
COHWW02550-03	02550	F714	Sliplining using Solid Wall Poly	KWH Pipe	Weholite ⁷	14"-63"
COHWW02550-04	02550	F714	Sliplining using Solid Wall Poly	Rinker Poly Pipe	Poly Pipe ⁷	8"-48"

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COHWW02550-05	02550	F894	Sliplining using Polyethylene Profile Wall	Industrial Pipe Fittings	Spirolite HDPE Pipe/APS PE Pipe ⁷	18"-120"
COHWW02550-06	02550	F794	Sliplining using Profile Wall PVC	Lamson Vylon Pipe	Vylon PVC Slipliner ⁷	21"-48"
COHWW02550-07	02550	D3262 D4161 D5685	Sliplining using Fiberglass Pipe	Ameron International	Bondstrand Pipe	2"-144"
COHWW02550-08	02550	D3262 D3681 D3754 D4161 F477	Sliplining using Fiberglass Pipe	USCPS, Inc.	Flowtite	12"-96"
COHWW02554-01	02554	C1107	Grout for sliplining	Elastizell	Elastizell EF	NA
COHWW02554-02	02554	C1107	Grout for sliplining	Haliburton LG3	ElastiCem / Tuned Light XL	NA
COHWW02554-03	02554	C1107	Grout for sliplining	Pacific International Grout Co	PACFILL	NA
COHWW02555-01	02555	F2414	Manhole & Lift Station rehabilitation using Cementitious Structural Liner ⁸	APM Permaform	Permacast CR-9000	NA
COHWW02555-02	02555	F2414	Manhole & Lift Station rehabilitation using Cementitious Structural Liner ⁸	APM Permaform	Permacast MS-10,000 ⁹	NA
COHWW02555-03	02555	F2414	Manhole & Lift Station rehabilitation using Cementitious Structural Liner ⁸	BASF Construction Chemicals	Emaco S88C	NA
COHWW02555-04	02555	F2414	Manhole & Lift Station rehabilitation using Cementitious Structural Liner ⁸	Quadex	QM-1S	NA
COHWW02555-05	02555	F2414	Manhole & Lift Station rehabilitation using Cementitious Structural Liner ⁸	SCM	Reliner MSP	NA
COHWW02555-06	02555	F2414	Manhole & Lift Station rehabilitation using Cementitious Structural Liner ⁸	The Strong Co, Inc	Strong Seal MS-2C	NA
COHWW02555-07	02555	F2414	Manhole & Lift Station rehabilitation using Cast In Place Liner	McNeil Technologies, Inc. / Infrastructure Rehabilitation USA, Inc.	The Triplex Liner System	NA
COHWW02555-08	02555	C109,293,882, 496,267 aashtoT277	Manhole Rehabilitation Liner (Silica Fume Base Mortar)	WBE Dorcas, Inc.	Dinjer CMS 10-K	NA

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COHWW02555-09	02555	F2551 C109	Manhole & Lift Station Rehabilitation (Structural Repair Mortar)	Southern Trenchless Solutions LLC	Manhole Mortar	NA
COHWW02555-10	02555	C109,348,882,157,496,469,666,642	Structural Repair Material and Protective Coating	Kerneos, Inc.	Sewpercoat PG	NA
COHWW02555-11	02555	C109, 293, 496, 882, 596, 1202	Sprayable Restoration Mortar	AW Cook Cement	Silitac MSM Microsilica Mortar	NA
COHWW02555-12	02555	C109, 293, 496, 882, 596, 1202	Sprayable Restoration Mortar	Madewell Products Corporation	Mainstay ML-72 Sprayable Microsilica Restoration Mortar	NA
COHWW02556-01	02556	F1743 F1216 D5813	Cured In Place Pipe	Inliner Technologies	Inliner	4"-96"
COHWW02556-02	02556	F1743 F1216 D5813	Cured In Place Pipe	Insituform Technologies Inc	Insituform CIPP	4"-96"
COHWW02556-03	02556	F1743 F1216 D5813	Cured In Place Pipe	Masterliner Inc	Masterliner CIPP	4"-96"
COHWW02556-04	02556	F1743 F1216 D5813	Cured In Place Pipe	National Envirotech Group LLC	National Liner	4"-96"
COHWW02556-05	02556	F1743 F1216 D5813	Cured In Place Pipe	Applied Felts	Novapipe CIPP	4"-96"
COHWW02556-06	02556	F1216	Cured In Place Pipe Service Re-connection	Insituform Technologies Inc	Insituform	8"-12"
COHWW02556-07	02556	F1743 F1216 D5813	Cured In Place Pipe	FerraTex Solutions	FerraTex CIPP	6"-72"
COHWW02557-02	02557	NA	Fold & Form Pipe	Poly Pipe	U Liner	6"-72"
COHWW02557-10	02557	NA	Fold & Form Pipe	AM Liner East Inc	AM Liner	6"-72"
COHWW02571-01	02571	NA	Pipe Bursting/Crushing	EarthTool Company LLC	Werreer Hammerhead Mole	6"-72"
COHWW02571-02	02571	NA	Pipe Bursting/Crushing	Miller Pipeline Corp	Xpandit	6"-72"

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COHWW02571-03	02571	NA	Pipe Bursting/Crushing	TT Technology	Grundocrack System	6"-72"
COHWW02571-04	02571	NA	Pipe Bursting/Crushing	Utility Construction Management	Advantica Pipebursting	6"-72"
COHWW02571-05	02571	NA	Pipe Bursting Systems	Pimcorp.	Pipe Bursting Systems	NA
COHWW02571-06	02571	NA	Pipe Bursting Systems	TTS Northwest Company/ Utility Construction Management	Pipe Bursting Systems	NA
COHWW02571-07	02571	AWWA C906, ASTM D3035	Force Main using Soid Wall HDPE	WL Plastics Corp.	Camcore™ DIPS	4"-18"
COHWW02571-08	02571	AWWA C906, ASTM D3035	Force Main using Soid Wall HDPE	WL Plastics Corp.	Camcore™ IPS	4"-18"
COHWW02606-01	02606	F794	Sliplining using Profile Wall PVC	Lamson Vylon Pipe	Vylon PVC Slipliner ⁷	21"-48"
COHWW02611-01	02611	C76	PVC Liner cast in Reinforced Concrete Pipe, minimum Class III	Ameron International	T-Lock	30"-144"
COHWW09901-01	09901	NA	Protective Coatings	Sherwin Williams Co	Magnalux 304 Vinyl Ester	NA
COHWW09901-02	09901	(D102)	Protective Coatings	Sherwin Williams Co	DuraPlate UHS	NA
COHWW09901-03	09901	F1697	Pipe Rehabilitation Lining System	Repipe Tx	Expanda 10	6"-30"
COHWW09901-04	09901	F1698	Pipe Rehabilitation Lining System	Danby of North America	Danby Pipe Rehab	48"-144"
COHWW09901-05	09901	NA	Protective Coatings	Sherwin Williams Co	Macropoxy 646	NA
COHWW09901-06	09901	NA	Protective Coatings	Sherwin Williams Co	Acrolon 218 HS Polyurethane	NA
COHWW09901-07	09901	D638 D790 D695 D4541	Raven 405 Lining System (Protective coating/ Structural Lining)	Raven Lining System	Raven 405	N/A

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COHWW09901-08	09901	NA	Protective Coating	Warren Environmental Inc.	Warren Environmental Epoxy Products	N/A
COHWW09901-09	09901	AWWA C213	Plasite 4500 Series (system 106)	Carboline Company	Plasite 4500	N/A
COHWW09901-10	09901	ASTM D2584, D638, D695, D790, D4541/7234 & G20	100% Solids, Isocyanate-Free, Solvent-Free, High Build Epoxy Coating	Quadex, Inc.	Quadex Structure Guard	N/A
COHWW09901-11	09901	ASTM D2584, D638, D695, D790, D4541/7234 & G20	100% Solids, Isocyanate-Free, Solvent-Free, High Build Epoxy Coating	Standard Cement Materials, Inc.	Standard 4553TM Epoxy Coating	N/A
COHWW09901-12	09901	NA	Protective Coatings	Sherwin Williams Co	DuraPlate 6100 High Performance Epoxy	NA
COHWW09901-13	09901	NA	Spectra Shield	Concrete Conservation Inc.	Silicon Modified Polyurea/ Spectra Shield	NA
COHWW09901-14	02510	F2736, F2764	Polypropylene Gravity Sanitary Sewer Piping	Advance Drainage Systems (ADS)	SaniTite HP	12"-60"

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