

Master Site/Yard Piping Schedule

Issued	Alignment Designation	Pipe Abbrev.	Sheet No.	Process/Service	Size	Pipe Material	Flow Type	Testing Specifications ¹⁾	Test Pressure ²⁾	updates:
IFC 12-14-11	Line A	INF	G-19	Headworks Influent	30"	PVC (C905 DR41 or ASTM F679 PS46)	Gravity	02709 - Air	3.5psig	02-14-12 man
IFC 03-12-12	Line B	ABI	G-20	Headworks Effluent	30"	PVC (C905 DR41 or ASTM F679 PS46)	Gravity	02709 - Air	3.5psig	02-22-12 man
				A-Basins Influent	21"	PVC (F679 PS115)	Full Flow Gravity	02708 - Water	10psig	03-02-12 man
IFC 03-20-12	Line C	ABI	G-21	A-Basin No. 1 Influent	15"	PVC (ASTM D3034 SDR35)	Full Flow Gravity	02708 - Water	10psig	03-06-12 man
IFC 03-20-12	Line D	ABI	G-21	A-Basin No. 2 Influent	15"	PVC (ASTM D3034 SDR35)	Full Flow Gravity	02708 - Water	10psig	03-08-12 man
IFC 03-20-12	Line E	ABI	G-21	A-Basin No. 3 Influent	15"	PVC (ASTM D3034 SDR35)	Full Flow Gravity	02708 - Water	10psig	03-09-12 man
IFC 03-02-12	Line F	ABE	G-24	A-Basin No. 1 Effluent	14"	PVC (C905 DR25)	Full Flow Gravity	02708 - Water	10psig	03-12-12 man
IFC 03-02-12	Line G	ABE	G-24	A-Basin No. 2 Effluent	14"	PVC (C905 DR25)	Full Flow Gravity	02708 - Water	10psig	03-20-12 man
IFC 03-02-12	Line H	ABE	G-24	A-Basin No. 3 Effluent	14"	PVC (C905 DR25)	Full Flow Gravity	02708 - Water	10psig	04-06-12 man
IFC 03-02-12	Line I	ABE	G-25	A-Basins Effluent Pipe	24"	PVC (C905 DR25) Alt. mat'l = F679 PS115	Full Flow Gravity	02708 - Water	10psig	05-04-12 man
Issued 04-04-11	Line J	EFF	G-28	WWTF Effluent Pipe	27"	PVC (PIP SDR41)	Gravity	02709 - Air	3.5psig	07-11-12 man
IFC 03-08-12	Line K	WWD	G-30	Wastewater/Drain	6"/8"	PVC (ASTM D3034 SDR26)/DIP (CE)	Gravity	02709 - Air	3.5psig	07-18-12 man
IFC 12-07-11	Line L	ABD	G-32	Aeration Basin No. 1 Drain	6"	PVC (C900 DR25)	Full Flow Gravity	02708 - Water	30psig	09-26-12 man
IFC 12-07-11	Line M	ABD	G-32	Aeration Basin No. 2 Drain	6"	PVC (C900 DR25)	Full Flow Gravity	02708 - Water	30psig	09-26-12 man
IFC 12-07-11	Line N	ABD	G-29	Aeration Basin No. 3 Drain	6"	DIP (CE)/PVC (C900 DR25)	Full Flow Gravity	02708 - Water	30psig	10-29-12 man
IFC 09-26-12	Line O	AIR	G-29	Digester No. 1 Air Piping	12"	DIP (unlined)	Pressure - air	02709 - Air	3.5psig	11-30-12 man
IFC 09-26-12	Line P	AIR	G-29	Digester No. 2 Air Piping	12"	DIP (unlined)	Pressure - air	02709 - Air	3.5psig	
IFC 09-26-12	Line Q	AIR	G-29	Digester No. 3 Air Piping	12"	DIP (unlined)	Pressure - air	02709 - Air	3.5psig	
IFC 09-26-12	Lines R, S, T	AIR	G-29	Air Piping A-Basin Nos. 3, 2, 1, (resp.)	12"	DIP (unlined)	Pressure - air	02709 - Air	3.5psig	
IFC 03-08-12	Line S	FM	G-30-G-31	WW Force Main	2"	PVC (SCH 80)/HDPE (IPS DR17)	Pressure - liquid	02708 - Water	70psig	
IFC 11-30-12	Line T	RW	G-36	Raw Water	2"	HDPE (IPS DR9)	Pressure - liquid	02708 - Water	100psig	
IFC 12-16-11	Line U	HTD	G-33	Headworks Trench Drain	6"	DIP (CM)/PVC (ASTM D3034 SDR35)	Gravity	02709 - Air	3.5psig	
IFC 09-07-12	Line OO	SSR	G-37	Sidestream Return Piping	8"	PVC (ASTM D2241 SDR 21)	Pressure - liquid	02708 - Water	40psig	
IFC 09-07-12	Line OOI	FR	G-37	Filtrate Return Piping	8"	PVC (ASTM D2241 SDR 21)	Pressure - liquid	02708 - Water	40psig	
IFC 03-09-12	Line V	ESS	G-39	EM Bldg San. Sewer Service	4"/6"	PVC (ASTM D3034 SDR35)	Gravity	02709 - Air	3.5psig	
IFC 03-09-12	Line W	RCS	G-40	A-Basin No. 1 Recycle Suction	12"	PVC (C900 DR18)	Full Flow Gravity	02708 - Water	20psig	
IFC 03-09-12	Line X	RCS	G-40	A-Basin No. 2 Recycle Suction	12"	PVC (C900 DR18)	Full Flow Gravity	02708 - Water	20psig	
IFC 03-09-12	Line Y	RCS	G-40	A-Basin No. 3 Recycle Suction	12"	PVC (C900 DR18)	Full Flow Gravity	02708 - Water	20psig	
IFC 07-18-12 ³⁾	Line Z	RCD	G-41	A-Basin No. 1 Recycle Discharge	12"	PVC (ASTM D2241 SDR 21)	Pressure - liquid	02708 - Water	70psig	
IFC 07-18-12 ³⁾	Line AA	RCD	G-41	A-Basin No. 2 Recycle Discharge	12"	PVC (ASTM D2241 SDR 21)	Pressure - liquid	02708 - Water	70psig	
IFC 07-18-12 ³⁾	Line BB	RCD	G-41	A-Basin No. 3 Recycle Discharge	12"	PVC (ASTM D2241 SDR 21)	Pressure - liquid	02708 - Water	70psig	
IFC 06-10-11			SC-7	Sec. Clarifier No. 1 Influent	16"	DIP (CE)	Full Flow Gravity	02708 - Water	15psig	
IFC 06-10-11			SC-7	Sec. Clarifier No. 2 Influent	16"	DIP (CE)	Full Flow Gravity	02708 - Water	15psig	
IFC 06-10-11			SC-7,SC-11	Sec. Clarifier No. 1 Effluent	14"	PVC (C905 DR25)	Full Flow Gravity	02708 - Water	10psig	
IFC 06-10-11			SC-7,SC-11	Sec. Clarifier No. 2 Effluent	14"	PVC (C905 DR25)	Full Flow Gravity	02708 - Water	10psig	
IFC 06-10-11			SC-7,SC-11, PD-11	UV Influent (SC effl. MH to UV)	18"	DIP (CM)/PVC (C905 DR25)	Full Flow Gravity	02708 - Water	10psig	
IFC 06-10-11			SC-7,SC-10	Sec. Clarifier No. 1 Sludge w/d	10"	DIP (CE)/PVC (C900 DR25)	Full Flow Gravity	02708 - Water	15psig	
IFC 06-10-11			SC-7,SC-10	Sec. Clarifier No. 2 Sludge w/d	10"	DIP (CE)/PVC (C900 DR25)	Full Flow Gravity	02708 - Water	15psig	
IFC 06-10-11			SC-7,SC-10	Sec. Clarifier No. 1 Scum w/d	4"	PVC (C900 DR25)	Full Flow Gravity	02708 - Water	10psig	
IFC 06-10-11			SC-7,SC-10	Sec. Clarifier No. 2 Scum w/d	4"	PVC (C900 DR25)	Full Flow Gravity	02708 - Water	10psig	
IFC 07-31-12 ³⁾	Line CC	RAS	G-42	RAS No. 1 (east side of AB Splitter Str.)	10"	PVC (ASTM D2241 SDR 21)	Pressure - liquid	02708 - Water	60psig	
IFC 07-31-12 ³⁾	Line DD	RAS	G-42	RAS No. 2 (west side of AB Splitter Str.)	10"	PVC (ASTM D2241 SDR 21)	Pressure - liquid	02708 - Water	60psig	
IFC 07-31-12 ³⁾	Line EE	DDS	G-43	Digester Decant w/d	6"	PVC (ASTM D2241 SDR 21)	Full Flow Gravity	02708 - Water	20psig	
IFC 07-31-12 ³⁾	Line FF	SCM	G-43-G-46	Scum Discharge	4"	PVC (ASTM D2241 SDR 21)	Full Flow Gravity	02708 - Water	20psig	
IFC 05-30-12 ³⁾	Line GG	DDS	G-44	Digested Sludge Suction No. 1 (Digester No. 1)	6"	PVC (ASTM D2241 SDR 21)/DIP (FBE) fittings	Pressure - liquid	02708 - Water	30psig	
IFC 05-30-12 ³⁾	Line HH	DDS	G-44	Digested Sludge Suction No. 2 (Digester No. 2)	6"	PVC (ASTM D2241 SDR 21)	Full Flow Gravity	02708 - Water	20psig	
IFC 05-30-12 ³⁾	Line II	DDS	G-44	Digested Sludge Suction No. 3 (Digester No. 3)	6"	PVC (ASTM D2241 SDR 21)	Full Flow Gravity	02708 - Water	20psig	
IFC 07-31-12	Line JJ	WAS	G-45-G-46	WAS Discharge	6"	PVC (ASTM D2241 SDR 21)	Full Flow Gravity	02708 - Water	40psig	
IFC 07-31-12	Line KK	WAS	G-45-G-46	Thickened WAS Discharge	6"	PVC (ASTM D2241 SDR 21)	Pressure - liquid	02708 - Water	50psig	
IFC 09-20-12	Line LL	TWAS	G-47	Thickened WAS Discharge	6"	PVC (ASTM D2241 SDR 21)	Pressure - liquid	02708 - Water	50psig	
IFC 07-18-12, 09-20-12	Line MM	DFM	G-42, G-48	A-Basin Drain Force Main	8"	PVC (ASTM D2241 SDR 21)	Pressure - liquid	02708 - Water	50psig	
IFC 09-20-12	Line NN	DDD	G-47, G-48	Digester Decant Discharge	6"	PVC (ASTM D2241 SDR 21)	Pressure - liquid	02708 - Water	40psig	
IFC 09-06-12			G-49	NPW Site Piping Plan	6"	PVC (ASTM D2241 SDR 21)	Pressure - liquid	02708 - Water	150psig	
IFC 07-31-12			G-50	Cleanout Site Plan						
IFC 11-30-12 ³⁾			G-3	COORDINATE LISTS II						

¹⁾ Indicates the Project Manual specification section that governs the testing followed by the test medium. Air/Water indicates either test medium is acceptable.

²⁾ Values given are minimum test pressures required. Where two values are given, the first value applies to the air test medium and the second value applies to the water test medium.

³⁾ Indicates latest issue date (following initial IFC date). See drawing for revision descriptions.

IFC = Issued For Construction

CE = Ceramic Epoxy Lining (Protecto 401)

FBE = Fusion Bonded Epoxy Lining

CM = Standard Cement Mortar Lining