

**VALVE SCHEDULE (ADDENDUM 5)**

**AECOM**

**LIST of VALVES**

**Valve Tags to be completed by the Construction Contractor**

Client:	City of Winnipeg
Project Name:	NEWPCC Primary Clarification Upgrade
Project No.:	60661262
Location:	Winnipeg MB

TYPE	CONNECTION	Area:	Rev	Date	By
BALL	SCREWED		0		
BUTTERFLY	FLANGED				
DIAPHRAGM	SOCKET WELD				
CHECK	BUTT WELD				
PLUG	MECH. JOINT				
NEEDLE	SOLDER				
GATE	INTER. FLANGED				
GLOBE	OTHER				
OTHER					

Valve Designation			Characteristics				Installed on	Actuator	Supplied by:	Installed by:
Vendor Drawing	AECOM Drawing	Tag No.	Size (mm ND)	Commodity	Process Type	Connect.	Line or Equipment			
<b><i>Control Chamber Building</i></b>										
	P3-X601	XV P31112	50	FSW	Ball Valve		Flushing Water (W3)	Electrical	Contractor	Contractor
	P3-X601	XV P32122	50	FSW	Ball Valve		Flushing Water (W3)	Electrical	Contractor	Contractor
	P3-X601	XV P32112	50	FSW	Ball Valve		Flushing Water (W3)	Electrical	Contractor	Contractor
	P3-X601	HV-P3110-E	200	SCP	Plug Valve		Scum	Manual	Contractor	Contractor
	P3-X601	HV-P3111-A	350	SCP	Plug Valve		Scum	Manual	Contractor	Contractor
	P3-X601	HV-P3112-A	350	SCP	Plug Valve		Scum	Manual	Contractor	Contractor
	P3-X601	XV-P31123	200	SCP	Plug Valve		Scum	Electrical	Contractor	Contractor
	P3-X601	XV-P31113	200	SCP	Plug Valve		Scum	Electrical	Contractor	Contractor
	P3-X601	HV-P3211-A	200	SCP	Plug Valve		Scum	Manual	Contractor	Contractor
	P3-X601	CV-P3211-B	150	SCP	Check Valve		Scum	Manual	Contractor	Contractor
	P3-X601	HV-P3211-B	150	SCP	Plug Valve		Scum	Manual	Contractor	Contractor
	P3-X601	HV-P3111-B	150	SCP	Plug Valve		Scum	Manual	Contractor	Contractor
	P3-X601	HV-P3112-B	150	SCP	Plug Valve		Scum	Manual	Contractor	Contractor
	P3-X601	HV-P3211-C	50	FSW	Ball Valve		Flushing Water (W3)	Manual	Contractor	Contractor
	P3-X601	XV P31101	350	SCP	Plug Valve		Scum	Electrical	Contractor	Contractor
	P3-X601	HV-P3113-A	250	SCP	Gate Valve		Scum	Manual	Contractor	Contractor
	P3-X602	XV P31102	75	FSW	Plug Valve		Flushing Water (W3)	Electrical	Contractor	Contractor
	P3-X602	HV-P3212-A	150	SCP	Plug Valve		Scum	Manual	Contractor	Contractor
	P3-X602	CV-P3212-B	100	SCP	Check Valve		Scum	Manual	Contractor	Contractor
	P3-X602	HV-P3212-B	100	SCP	Plug Valve		Scum	Manual	Contractor	Contractor
	P3-X602	HV-P3213-A	150	SCP	Plug Valve		Scum	Manual	Contractor	Contractor
	P3-X602	CV-P3213-B	100	SCP	Check Valve		Scum	Manual	Contractor	Contractor
	P3-X602	HV-P3213-B	100	SCP	Plug Valve		Scum	Manual	Contractor	Contractor
	P3-X602	XV P33111	100	SCP	Plug Valve		Scum	Electrical	Contractor	Contractor
	P3-X602	XV P33121	100	SCP	Plug Valve		Scum	Electrical	Contractor	Contractor
	P3-X602	XV P33131	200	SCP	Plug Valve		Scum	Electrical	Contractor	Contractor
	P3-X602	FV P33112	100	SCP	Plug Valve		Scum	Electrical	Contractor	Contractor
	P3-X602	FV P33122	100	SCP	Plug Valve		Scum	Electrical	Contractor	Contractor
	P3-X602	FV P33121	100	SCP	Plug Valve		Scum	Electrical	Contractor	Contractor
	P3-X602	FV P33131	100	SCP	Plug Valve		Scum	Electrical	Contractor	Contractor
	P3-X602	HV-P3313-A	100	SCP	Plug Valve		Scum	Manual	Contractor	Contractor
	P3-X602	HV-P3313-B	100	SCP	Plug Valve		Scum	Manual	Contractor	Contractor

**VALVE SCHEDULE (ADDENDUM 5)**

Valve Designation			Characteristics				Installed on	Actuator	Supplied by:	Installed by:
Vendor Drawing	AECOM Drawing	Tag No.	Size (mm ND)	Commodity	Process Type	Connect.	Line or Equipment			
	P3-X602	XV P32121	50	FSW	Ball Valve		Flushing Water (W3)	Electrical	Contractor	Contractor
	P3-X602	XV P32132	50	FSW	Ball Valve		Flushing Water (W3)	Electrical	Contractor	Contractor
	P3-X602	HV-P3212-C	50	FSW	Ball Valve		Flushing Water (W3)	Manual	Contractor	Contractor
	P3-X602	HV-P3213-C	50	FSW	Ball Valve		Flushing Water (W3)	Manual	Contractor	Contractor
	P3-X602	HV-P3311-A	50	FSW	Ball Valve		Flushing Water (W3)	Manual	Contractor	Contractor
	P3-X602	HV-P3312-A	50	FSW	Ball Valve		Flushing Water (W3)	Manual	Contractor	Contractor
	P3-X602	HV-P3312-C	50	FSW	Ball Valve		Flushing Water (W3)	Manual	Contractor	Contractor
	P3-X602	HV-P3214-A	75	DRA	Plug Valve		Drain	Manual	Contractor	Contractor
	P3-X602	HV-P3311-B	75	DRA	Plug Valve		Drain	Manual	Contractor	Contractor
	P3-X602	HV-P3312-B	75	DRA	Plug Valve		Drain	Manual	Contractor	Contractor
	P3-X602	HV-P3312-D	75	DRA	Plug Valve		Drain	Manual	Contractor	Contractor
	P3-X602	ARV-P3212-A	50	Air	ARV		Air Relief	Manual	Contractor	Contractor
	P3-X602	ARV-P3212-B	50	Air	ARV		Air Relief	Manual	Contractor	Contractor
	P3-X602	HV-P3310-A	100	SCP	Plug Valve		Scum	Manual	Contractor	Contractor
	P3-X603	XV-P32119	50	FSW	Ball Valve		Flushing Water (W3)	Electrical	Contractor	Contractor
	P3-X603	HV-P3221-A	150	SCP	Plug Valve		Scum	Manual	Contractor	Contractor
	P3-X603	CV-P3221-B	150	SCP	Check Valve		Scum	Manual	Contractor	Contractor
	P3-X603	HV-P3221-B	150	SCP	Plug Valve		Scum	Manual	Contractor	Contractor
	P3-X603	XV P32212	75	FSW	Ball Valve		Flushing Water (W3)	Electrical	Contractor	Contractor
	P3-X603	HV-P3221-C	75	FSW	Ball Valve		Flushing Water (W3)	Manual	Contractor	Contractor
	P3-X603	XV P32211	75	FSW	Ball Valve		Flushing Water (W3)	Electrical	Contractor	Contractor
	P3-X604	HV-P3222-A	150	SCP	Plug Valve		Scum	Manual	Contractor	Contractor
	P3-X604	CV-P3222-B	100	SCP	Check Valve		Scum	Manual	Contractor	Contractor
	P3-X604	HV-P3222-B	100	SCP	Plug Valve		Scum	Manual	Contractor	Contractor
	P3-X604	HV-P3223-A	150	SCP	Plug Valve		Scum	Manual	Contractor	Contractor
	P3-X604	CV-P3223-B	100	SCP	Check Valve		Scum	Manual	Contractor	Contractor
	P3-X604	HV-P3223-B	100	SCP	Plug Valve		Scum	Manual	Contractor	Contractor
	P3-X604	XV P32223	38	FSW	Ball Valve		Flushing Water (W3)	Electrical	Contractor	Contractor
	P3-X604	XV P32233	38	FSW	Ball Valve		Flushing Water (W3)	Electrical	Contractor	Contractor
	P3-X604	HV-P3222-C	38	FSW	Ball Valve		Flushing Water (W3)	Manual	Contractor	Contractor
	P3-X604	HV-P3223-C	38	FSW	Ball Valve		Flushing Water (W3)	Manual	Contractor	Contractor
	P3-X604	HV-P3224-B	38	FSW	Ball Valve		Flushing Water (W3)	Manual	Contractor	Contractor
	P3-X604	XV P32222	100	SCP	Plug Valve		Scum	Electrical	Contractor	Contractor
	P3-X604	XV P32232	100	SCP	Plug Valve		Scum	Electrical	Contractor	Contractor
	P3-X604	HV-P3224-A	75	DRA	Plug Valve		Drain	Manual	Contractor	Contractor

**VALVE SCHEDULE (ADDENDUM 5)**

Valve Designation			Characteristics				Installed on	Actuator	Supplied by:	Installed by:
Vendor Drawing	AECOM Drawing	Tag No.	Size (mm ND)	Commodity	Process Type	Connect.	Line or Equipment			
<b>Scum Dewatering Building</b>										
	P3-X607	CV-P3501-A	75	PD	Check Valve		Process Drain Sump	Manual	Contractor	Contractor
	P3-X607	CV-P3502-A	75	PD	Check Valve		Process Drain Sump	Manual	Contractor	Contractor
	P3-X607	HV-P3501-A	75	PD	Plug Valve		Process Drain Sump	Manual	Contractor	Contractor
	P3-X607	HV-P3502-A	75	PD	Plug Valve		Process Drain Sump	Manual	Vendor	Contractor
	P3-X607	HV-P3501-C	75	PD	Plug Valve		Process Drain Sump	Manual	Vendor	Contractor
	P3-X607	HV-P3502-C	75	PD	Plug Valve		Process Drain Sump	Manual	Vendor	Contractor
	P3-X607	HV-P3501-D	75	PD	Plug Valve		Process Drain Sump	Manual	Vendor	Contractor
	P3-X607	HV-P3501-B	50	FSW	Ball Valve		Flushing Water (W3)	Manual	Contractor	Contractor
	P3-X607	HV-P3502-B	50	FSW	Ball Valve		Flushing Water (W3)	Manual	Contractor	Contractor
	P3-X607	XV P35011	75	PD	Plug Valve		Process Drain Sump	Electrical	Contractor	Contractor
	P3-X607	XV P35012	75	PD	Plug Valve		Process Drain Sump	Electrical	Contractor	Contractor
	P3-X607	XV P35021	75	PD	Plug Valve		Process Drain Sump	Electrical	Contractor	Contractor
	P3-X607	XV P35022	75	PD	Plug Valve		Process Drain Sump	Electrical	Vendor	Contractor
	P3-X605	P3311-A	38	FSW	Ball Valve		Flushing Water (W3)	Manual	Vendor	Contractor
	P3-X605	P3311-B	38	FSW	Ball Valve		Flushing Water (W3)	Manual	Vendor	Contractor
	P3-X605	P3311-C	38	FSW	Ball Valve		Flushing Water (W3)	Manual	Vendor	Contractor
	P3-X605	P3311-F	38	FSW	Ball Valve		Flushing Water (W3)	Manual	Vendor	Contractor
	P3-X605	P3311-G	38	SCP	Ball Valve		Scum	Manual	Vendor	Contractor
	P3-X605	XV P33121	25	FSW	Air Actuated Valve		Flushing Water (W3)	Air Actuated	Vendor	Contractor
	P3-X605	XV P33123	25	FSW	Air Actuated Valve		Flushing Water (W3)	Air Actuated	Vendor	Contractor
	P3-X605	XV P33125	25	FSW	Air Actuated Valve		Flushing Water (W3)	Air Actuated	Vendor	Contractor
	P3-X605	P3311-D	75	SCP	Ball Valve		Scum	Manual	Vendor	Contractor
	P3-X605	P3311-E	75	SCP	Ball Valve		Scum	Manual	Vendor	Contractor
	P3-X605	XV P33118	75	SCP	Air Actuated Valve		Scum	Air Actuated	Vendor	Contractor
	P3-X605	XV P33117	75	SCP	Air Actuated Valve		Scum	Air Actuated	Vendor	Contractor
	P3-X605	P3312-A	75	SCP	Ball Valve		Scum	Manual	Vendor	Contractor
	P3-X605	P3312-B	75	SCP	Ball Valve		Scum	Manual	Vendor	Contractor
	P3-X605	P3312-C	75	SCP	Ball Valve		Scum	Manual	Vendor	Contractor
	P3-X605	P3311-H	50	DRA	Ball Valve		Drain	Manual	Contractor	Contractor
	P3-X605	HV-P3413-A	20	FSW	Ball Valve		Flushing Water (W3)	Manual	Contractor	Contractor
	P3-X605	HV-P3413-B	20	FSW	Ball Valve		Flushing Water (W3)	Manual	Contractor	Contractor
	P3-X605	HV-P3413-C	20	FSW	Ball Valve		Flushing Water (W3)	Manual	Contractor	Contractor
	P3-X605	XV P33112	50	FSW	Ball Valve		Flushing Water (W3)	Electrical	Contractor	Contractor
	P3-X605	HV-P3413-D	50	FSW	Ball Valve		Flushing Water (W3)	Manual	Contractor	Contractor
	P3-X605	HV-P3413-E	50	FSW	Ball Valve		Flushing Water (W3)	Manual	Contractor	Contractor
	P3-X605	HV-P3413-F	50	FSW	Ball Valve		Flushing Water (W3)	Manual	Contractor	Contractor
	P3-X606	P3321-A	38	FSW	Ball Valve		Flushing Water (W3)	Manual	Vendor	Contractor
	P3-X606	P3321-B	38	FSW	Ball Valve		Flushing Water (W3)	Manual	Vendor	Contractor
	P3-X606	P3321-C	38	FSW	Ball Valve		Flushing Water (W3)	Manual	Vendor	Contractor
	P3-X606	P3321-F	38	FSW	Ball Valve		Flushing Water (W3)	Manual	Vendor	Contractor

**VALVE SCHEDULE (ADDENDUM 5)**

Valve Designation			Characteristics				Installed on	Actuator	Supplied by:	Installed by:
Vendor Drawing	AECOM Drawing	Tag No.	Size (mm ND)	Commodity	Process Type	Connect.	Line or Equipment			
	P3-X606	P3321-G	38	SCP	Ball Valve		Scum	Manual	Vendor	Contractor
	P3-X606	XV P33221	25	FSW	Air Actuated Valve		Flushing Water (W3)	Air Actuated	Vendor	Contractor
	P3-X606	XV P33223	25	FSW	Air Actuated Valve		Flushing Water (W3)	Air Actuated	Vendor	Contractor
	P3-X606	XV P33225	25	FSW	Air Actuated Valve		Flushing Water (W3)	Air Actuated	Vendor	Contractor
	P3-X606	P3321-D	75	SCP	Ball Valve		Scum	Manual	Vendor	Contractor
	P3-X606	P3321-E	75	SCP	Ball Valve		Scum	Manual	Vendor	Contractor
	P3-X606	XV P33218	75	SCP	Air Actuated Valve		Scum	Air Actuated	Vendor	Contractor
	P3-X606	XV P33217	75	SCP	Air Actuated Valve		Scum	Air Actuated	Vendor	Contractor
	P3-X606	P3322-A	75	SCP	Ball Valve		Scum	Manual	Vendor	Contractor
	P3-X606	P3322-B	75	SCP	Ball Valve		Scum	Manual	Vendor	Contractor
	P3-X606	P3322-C	75	SCP	Ball Valve		Scum	Manual	Vendor	Contractor
	P3-X606	P3321-H	50	DRA	Ball Valve		Drain	Manual	Contractor	Contractor
	P3-X606	XV P33222	50	FSW	Ball Valve		Flushing Water (W3)	Electrical	Contractor	Contractor
	P3-X606	HV-3423-A	50	FSW	Ball Valve		Flushing Water (W3)	Manual	Contractor	Contractor
	P3-X608	HV-P3410A	12	LCP	Ball Valve		Liquid Polymer	Manual	Vendor	Contractor
	P3-X608	HV-P3411A	12	LCP	Ball Valve		Liquid Polymer	Manual	Vendor	Contractor
	P3-X608	HV-P3411B	12	LCP	Ball Valve		Liquid Polymer	Manual	Vendor	Contractor
	P3-X608	HV-P3412A	12	LCP	Ball Valve		Liquid Polymer	Manual	Vendor	Contractor
	P3-X608	HV-P3412B	12	LCP	Ball Valve		Liquid Polymer	Manual	Vendor	Contractor
	P3-X608	XV P34112	50	MP	Ball Valve		Mixed Polymer	Electrical	Contractor	Contractor
	P3-X608	XV P34122	50	MP	Ball Valve		Mixed Polymer	Electrical	Contractor	Contractor
	P3-X608	HV-P3413A	12	MP	Ball Valve		Mixed Polymer Sample Tap	Manual	Vendor	Contractor
	P3-X608		12	W2	Ball Valve		Potable Water	Manual	Vendor	Contractor
	P3-X608		12	W2	Pressure Regulating Valve		Potable Water	Manual	Vendor	Contractor
	P3-X608	XV P34133	12	W2	Air Actuated Valve		Potable Water	Air Actuated	Vendor	Contractor
	P3-X608	XV P34144	20	W2	SOL		Water (W2)	Solenoid	Contractor	Contractor
	P3-X608	HV-P3413B	50	MP	Ball Valve		Mixed Polymer	Manual	Vendor	Contractor

**VALVE SCHEDULE (ADDENDUM 5)**

Valve Designation			Characteristics				Installed on	Actuator	Supplied by:	Installed by:
Vendor Drawing	AECOM Drawing	Tag No.	Size (mm ND)	Commodity	Process Type	Connect.	Line or Equipment			
<b><i>Odour Control System</i></b>										
	P5-X601		12	FOA	Ball Valve		Foul Air at Pressure Gauge	Manual	Contractor	Contractor
	P5-X601		12	FOA	Ball Valve		Foul Air at Pressure Gauge	Manual	Contractor	Contractor
	P5-X602	XV P52111	150	FOA	Damper		Foul Air	Electrical	Vendor	Contractor
	P5-X602		12	FOA	Ball Valve		Foul Air at Pressure Gauge	Manual	Vendor	Contractor
	P5-X602		12	FOA	Ball Valve		Foul Air at Pressure Gauge	Manual	Vendor	Contractor
	P5-X602		12	FOA	Ball Valve		Foul Air at Pressure Gauge	Manual	Vendor	Contractor
	P5-X602		12	FOA	Ball Valve		Foul Air at Pressure Gauge	Manual	Vendor	Contractor
	P5-X602	XV P52211	150	FOA	Damper		Foul Air	Electrical	Vendor	Contractor
	P5-X602		12	FOA	Ball Valve		Foul Air at Pressure Gauge	Manual	Vendor	Contractor
	P5-X602		12	FOA	Ball Valve		Foul Air at Pressure Gauge	Manual	Vendor	Contractor
	P5-X602		12	FOA	Ball Valve		Foul Air at Pressure Gauge	Manual	Vendor	Contractor
	P5-X602		12	FOA	Ball Valve		Foul Air at Pressure Gauge	Manual	Vendor	Contractor
	P3-X605	HV-P5140A	150	FOA	Damper		Foul Air	Manual	Contractor	Contractor
	P3-X606	HV-P5140B	150	FOA	Damper		Foul Air	Manual	Contractor	Contractor

**VALVE SCHEDULE (ADDENDUM 5)**

Valve Designation			Characteristics				Installed on	Actuator	Supplied by:	Installed by:
Vendor Drawing	AECOM Drawing	Tag No.	Size (mm ND)	Commodity	Process Type	Connect.	Line or Equipment			
<b>Instrumentation Air System</b>										
	P0-X602	HV-P0110-A	20	IAS	Gate Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	CV-P0110-A	20	IAS	Check Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	HV-P0110-B	20	IAS	Gate Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	HV-P0110-C	20	IAS	Gate Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	HV-P0110-D	20	IAS	Gate Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	HV-P0110-E	20	IAS	Gate Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	HV-P0111-B	20	IAS	Gate Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	HV-P0111-A	20	IAS	Gate Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	HV-P0111-C	20	IAS	Gate Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	HV-P0111-D	20	IAS	Gate Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	HV-P0111-E	20	IAS	Gate Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	HV-P0112-A	20	IAS	Gate Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	PRV-P0112-A	20	IAS	Pressure Regulating Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	HV-P0120-A	20	IAS	Gate Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	CV-P0120-A	20	IAS	Check Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	HV-P0120-C	20	IAS	Gate Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	HV-P0120-B	20	IAS	Gate Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	HV-P0120-D	20	IAS	Gate Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	HV-P0120-E	20	IAS	Gate Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	HV-P0121-A	20	IAS	Gate Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	HV-P0121-B	20	IAS	Gate Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	HV-P0121-C	20	IAS	Gate Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	HV-P0121-D	20	IAS	Gate Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	HV-P0121-E	20	IAS	Gate Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	HV-P0132-A	20	IAS	Gate Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	PRV-P0132-A	20	IAS	Pressure Regulating Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	HV-P0115-D	20	IAS	Gate Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	HV-P0122-A	20	IAS	Gate Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	PRV-P0122-A	20	IAS	Pressure Regulating Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	CV-P0110-B	20	IAS	Check Valve		Instrumentation Air	Manual	Contractor	Contractor
	P0-X602	CV-P0120-B	20	IAS	Check Valve		Instrumentation Air	Manual	Contractor	Contractor
<b>END OF SECTION</b>										