

P&ID #	Description	Make	Model #	Size
RW1, RW2	Raw water pump	Goulds	320L20	
RW1, RW2	Pump motor	Franklin Electric	304SS	20 hp
CV1 to CV5	Swing Flex check valve	Valmatic	504A	
MV1, MV2	Electric actuator	Bray	70-0051-113AO	
(ST1)	Basket strainer	Hayward	Simplex	75 micron
IV1 to IV15	Butterfly valve	Bray	31/108	4"
PI1 to PI6	Pressure gauge	WIKA	233.34	0 - 150 psi
SV1, SV2	Solenoid valve	Burkert	5281A	Normally closed
CMPI to CMP3	Dosing pump	Grundfos	DDI209 20-3	20 L/h
VFS1 to VFS3	Foot valve with switch	Grundfos (Kit)	91835825	
(MX)	Mixer	Dynamic	MX-2103D-9C7C	0.33. hp
(WH-1)	Hypochlorite mixing tank	Zeebest Plastics	OTCO12	45 L
GBL	Ball valve	Praher	S6	
(WH-2)	Hypochlorite solution tank	Zeebest Plastics	OTCO12	45 L
SP1 to SP5	Sampling taps			
FT1, FT2	Mag. flow meter	Endress & Hauser	ProMag 50	
VAC1, VAC2	Air and vacuum valve	Valmatic	101S	
(F1)	Swing bolt filter housing	Harmsco	HUR 3x170FL	(20 micron)
(F2)	Swing bolt filter housing	Harmsco	HUR 5x170FL	(5 micron)
(F3)	Swing bolt filter housing	Harmsco	HUR 5x170FL	(1 micron abs.)
(F4)	Swing bolt filter housing	Harmsco	HUR 5x170FL	(1 micron abs.)
(F1)	Cartridge	Harmsco	HC/170-20	20 micron
(F2)	Cartridge	Harmsco	HC/170-5	5 micron
(F3, F4)	Cartridge	Harmsco	PP/170-1	1 micron abs.
PB-1	Domestic booster pump	Shurflo Park Model	2088-492-444	115 V
WST-1	Treated water tank	Norwesco	41862	378 L
DWH-1	Hot water tank	Rheem	RE6	120 V
SP-1	Sump pump	Hydromatic	SKV40AW110	115 V
WWT-1	Wastewater sump tank	Hydromatic	Series 218 basin	23" x 31"
WWT-2	Waste water storage tank	Norwesco	40215	1,136 L
DV1 to DV7	Drainage valve	Praher	S6	
-	Ext. emergency valve	Morrison Bros.	346DI-0500 AV	
-	Ball valve	Crane	0202	
-	Blocked vent shut-off valve	Honeywell	BVSO-225-A	120 V
-	Floor drain	Mifab	F1000	
-	SCADA controller	Schneider Electric	ScadaPack 32	
-	HMI touch screen	Maple Systems	5070 TH	
-	Switching power supply	Carlo Gavazzi	SPD241001	
-	Autodialler	Barnett Eng.	B1290 ProTalk Plus	
-	Day tank control system	Tramont	2000 ECM	
-	Heat recovery ventilator	Lennox	HRV-150-3	150 cfm

-	Centrifugal in-line fan	Greenheck	BSQ-70-4	
-	Temperature controller	Johnson Controls	A350PS-1C	
-	Diesel generator	Stamford	AC	4,546 L 10,30 micron
-	Diesel engine	PowerTech	E4045	
-	Thermostat	Totaline Easy	1H1C/2H/1C	
-	Electronic oil primary control	Honeywell	R7184A	
-	Furnace	Carrier	58CMA	
-	Fuel tank	Weesteel	ULC-S601-07	
-	Fuel filter	PetroClear	40510W, 40530W	
-	Foot valve	Morrison Bros.		
-	3-way ball valve	Meridian	M21SRL	
-	CL2/CO sensor	Honeywell Vulcain	VA301D2CL2-CO	
-	Motor control center	Moeller	MCC 3000	
-	AC motor drive	Yaskawa	F7	
-	Automatic transfer switch	ASCO	7000	
-	Damper lot	EH Price	TAMCO 9000,1000	
-	Louvers	EH Price	DE635	
-	Actuator	Belimo	NF24SR-US	
-	Chimney	Oliver MacLeod	HT6103+	
Lab eqt.	Portable colorimeter	Hach	DR890	
Lab eqt.	Portabel turbidimeter	Hach	2100P	
Safety eqt.	Fire extinguisher	Sentry	AA20	
-	Exit light	Ready-Lite	CX5100WHISP	70 W
-	Battery light	Ready-Lite	LDX12722RQ12	
-	Flashing	AdaptaBeacon	104FLED-G1	
-	Outdoor lighting system	Sceptalight		
-	Wall mount	Lumark	Wal-Lite	