

Perimeter Road Pumping Station  
 S-1251  
 MPE Project Number: 8400-007-00  
 6/19/2024

Status	Tag Name	Instrument Description	Location	Specification	PID Drawing	Loop Diagram	Comments
NEW	FSL-M1005	M100PP Pump Seal Water Flow Switch	Level 100	40 30 02	PPID-M002	--	Add to new asset list Asset description: "PRPS raw sewage M100PP Pump Seal Water Flow Switch"
NEW	FSL-M2005	M200PP Pump Seal Water Flow Switch	Level 100	40 30 02	PPID-M002	--	Add to new asset list. Asset Description: "PRPS raw sewage M200PP Pump Seal Water Flow Switch"
EXISTING	HS-M1006	M100PP Starter Manual Bypass Switch	Level 400	N/A	PPID-M002	--	No existing tag known, updated to modern tagging
NEW	HSS-M1000-1	M100PP E-STOP - VFD	Level 400	40 90 01	PPID-M002	--	
NEW	HSS-M1000-2	M100PP E-STOP - MOTOR ROOM	Level 300	40 90 01	PPID-M002	--	
NEW	HSS-M1000-3	M100PP E-STOP - PUMP ROOM	Level 100	40 90 01	PPID-M002	--	
NEW	HSS-M2000-1	M200PP E-STOP - VFD	Level 400	40 90 01	PPID-M002	--	
NEW	HSS-M2000-2	M200PP E-STOP - MOTOR ROOM	Level 300	40 90 01	PPID-M002	--	
NEW	HSS-M2000-3	M200PP E-STOP - PUMP ROOM	Level 100	40 90 01	PPID-M002	--	
NEW	TE-M1003-1A	M100PP Motor Winding RTD A	Level 300	N/A	PPID-M002	AILD-M002	Included with pumps and motors.
NEW	TE-M1003-1B	M100PP Motor Winding RTD B	Level 300	N/A	PPID-M002	AILD-M002	Included with pumps and motors.
NEW	TE-M1003-1C	M100PP Motor Winding RTD C	Level 300	N/A	PPID-M002	AILD-M002	Included with pumps and motors.
NEW	TE-M1003-2A	M100PP Motor Stator RTD A	Level 300	N/A	PPID-M002	AILD-M002	Included with pumps and motors.
NEW	TE-M1003-2B	M100PP Motor Stator RTD B	Level 300	N/A	PPID-M002	AILD-M002	Included with pumps and motors.
NEW	TE-M1003-2C	M100PP Motor Stator RTD C	Level 300	N/A	PPID-M002	AILD-M002	Included with pumps and motors.
NEW	TE-M1003-3	M100PP Motor Bearing Non-Drive End RTD	Level 300	N/A	PPID-M002	AILD-M002	Included with pumps and motors.
NEW	TE-M1003-4	M100PP Motor Bearing Drive End RTD	Level 300	N/A	PPID-M002	AILD-M002	Included with pumps and motors.
NEW	TE-M1003-5	M100PP Pump Bearing Non-Drive End RTD	Level 100	N/A	PPID-M002	AILD-M002	Included with pumps and motors.
NEW	TE-M1003-6	M100PP Pump Bearing Drive End RTD	Level 100	N/A	PPID-M002	AILD-M002	Included with pumps and motors.
NEW	TE-M2003-1A	M200PP Motor Winding RTD A	Level 300	N/A	PPID-M002	--	Included with pumps and motors.
NEW	TE-M2003-1B	M200PP Motor Winding RTD B	Level 300	N/A	PPID-M002	--	Included with pumps and motors.
NEW	TE-M2003-1C	M200PP Motor Winding RTD C	Level 300	N/A	PPID-M002	--	Included with pumps and motors.
NEW	TE-M2003-2A	M200PP Motor Stator RTD A	Level 300	N/A	PPID-M002	--	Included with pumps and motors.
NEW	TE-M2003-2B	M200PP Motor Stator RTD B	Level 300	N/A	PPID-M002	--	Included with pumps and motors.
NEW	TE-M2003-2C	M200PP Motor Stator RTD C	Level 300	N/A	PPID-M002	--	Included with pumps and motors.
NEW	TE-M2003-3	M200PP Motor Bearing Non-Drive End RTD	Level 300	N/A	PPID-M002	--	Included with pumps and motors.
NEW	TE-M2003-4	M200PP Motor Bearing Drive End RTD	Level 300	N/A	PPID-M002	--	Included with pumps and motors.
NEW	TE-M2003-5	M200PP Pump Bearing Non-Drive End RTD	Level 100	N/A	PPID-M002	--	Included with pumps and motors.
NEW	TE-M2003-6	M200PP Pump Bearing Drive End RTD	Level 100	N/A	PPID-M002	--	Included with pumps and motors.
NEW	TT-M614	Control Room Temperature Transmitter	Level 400 - Control Room	40 30 02	--	AILD-M005	Add to new asset list. Asset description "PRPS HVAC M625-TIC Level 400 Control Room Temperature Indicating Transmitter."
NEW	RLY-M1001	M100PP Motor Protection Relay w/ HMI Display	Level 400	N/A	PPID-M002	--	Add to new asset list. Asset description "PRPS M100PP Motor Protection Relay" Forwards instrument signals to the DCS via ethernet, includes a block start signal to the VFD on alarm
NEW	RLY-M2001	M200PP Motor Protection Relay w/ HMI Display	Level 400	N/A	PPID-M002	--	Add to new asset list. Asset description "PRPS M200PP Motor Protection Relay" Forwards instrument signals to the DCS via ethernet, includes a block start signal to the VFD on alarm
NEW	ATS-M7001	Main Bus Transfer Relay	Level 400	N/A	PPID-M002	--	Add to new asset list. Asset description "PRPS Main Automatic transfer switch."
NEW	VT-M1002-1	M100PP Motor Bearing Non-Drive End Vibration Transmitter XY	Level 300	N/A	PPID-M002	AILD-M001	Included with pumps and motors.
NEW	VT-M1002-2	M100PP Motor Bearing Drive End Vibration Transmitter XY	Level 300	N/A	PPID-M002	AILD-M001	Included with pumps and motors.
NEW	VT-M1002-3	M100PP Pump Bearing Non-Drive End Vibration Transmitter XY	Level 100	N/A	PPID-M002	AILD-M001	Included with pumps and motors.
NEW	VT-M1002-4	M100PP Pump Bearing Drive End Vibration Transmitter XY	Level 100	N/A	PPID-M002	AILD-M001	Included with pumps and motors.
NEW	VT-M2002-1	M200PP Motor Bearing Non-Drive End Vibration Transmitter XY	Level 300	N/A	PPID-M002	AILD-M003	Included with pumps and motors.
NEW	VT-M2002-2	M200PP Motor Bearing Drive End Vibration Transmitter XY	Level 300	N/A	PPID-M002	AILD-M003	Included with pumps and motors.
NEW	VT-M2002-3	M200PP Pump Bearing Non-Drive End Vibration Transmitter XY	Level 100	N/A	PPID-M002	AILD-M003	Included with pumps and motors.
NEW	VT-M2002-4	M200PP Pump Bearing Drive End Vibration Transmitter XY	Level 100	N/A	PPID-M002	AILD-M003	Included with pumps and motors.
NEW	XV-M1004-1	M100PP Pump Seal Water Solenoid	Level 100	22 05 15	PPID-M002	--	
NEW	XV-M2004-1	M200PP Pump Seal Water Solenoid	Level 100	22 05 15	PPID-M002	--	
Existing	XV-M1004-2 (was FY100)	Discharge Valve Pneumatic Solenoid	Level 200	N/A	PPID-M002	--	
Existing	XV-M2004-2 (was FY200)	Discharge Valve Pneumatic Solenoid	Level 200	N/A	PPID-M002	--	
Existing	ZS-M1007-1 (was ZS100)	Discharge Valve Pneumatic Actuator	Level 200	N/A	PPID-M002	--	
Existing	ZS-M2007-1 (was ZS200)	Discharge Valve Pneumatic Actuator	Level 200	N/A	PPID-M002	--	