PUMPING STATION DATA TABLE

PSLUSD Lift Station ID #

						Soft Start				
Pump Model Number	WGL20	WG30H	WG50H	CP3127	CP3127	NP3153	CP3152	CP3170	CP 3201	CP 3201
Pump Manufacturer	Myers	Myers	Myers	Flygt	Flygt	Flygt	Flygt	Flygt	Flygt	Flygt
Pump Type	Grinder	Grinder	Grinder	Non-Clog	Non-Clog	Non-Clog	Non-Clog	Non-Clog	Non-Clog	Non-Clog
Horse Power	2	3	5	10	10	15	20	30	47	47
Impeller	5.5"	5.25"	5.5"	485	483	464	454	464	452	457
Phase	3	3	3	3	3	3	3	3	3	3
Voltage	230	230	230	230	230	460	460	460	460	460
Cycles (Hz)	60	60	60	60	60	60	60	60	60	60
RPM	3450	3450	3450	1745	1745	1745	1745	1745	1745	1745
Shut Off Head (ft)	105	105	120	72	90	112	123	135	168	148
Best Effecincy Point Flow (gpm)	N/A	N/A	N/A	333	480	580	809	799	1060	1054
Best Efficiency Point Head (ft)	N/A	N/A	N/A	36.5	50	63	64	78	99	90
Pump Efficiency @ BEP Point (%)	N/A	N/A	N/A	48	64	70	67	58	59	59
Run Out Flow (gpm)	40	97	95	700	900	1100	1400	1300	1800	1900
Run Out Head (ft)	20	28	60	10	11	20	18	40	23	20
"A" Wet Well Rim Elevation (NAVD)										
"B" Wet Well Diameter (ft)	4	4	4	6	6	8	8	12	12	12
"C" Wet Well Bottom Elevation (NAVD)										
"D" Influent Pipe Invert Elevation (NAVD)										
"E" Influent Pipe Diameter (in)										
"F" Lag Pump 2 On Elevation (Tri-plex only)										
"G" Lag Pump On Elevation (NAVD)										
"H" Lead Pump On Elevation (NAVD)										
"I" Pumps Off Elevation (NAVD)										
"J" Alarm Elevation (NAVD)										
"K" Emergency Off Elevation (NAVD)										
"L" Discharge Pipe Diameter (in)	2	2	3	6	6	6	8	8	8	8
"M" Pump Out Diameter (in)	3	3	3	4	4	4	6	6	6	6
"N" Discharge Pipe Elevation (NAVD)										
"O" Pump Submergence (in)	23	34	34	28	28	38	39	55	56	56
"P" Pump Discharge Diameter (in)	2	3	3	4	4	4	6	4	6	6
"Q" C/L of wetwell to C/L of pump (in)	N/A	N/A	N/A	16	16	16	18	18	18	18
"R" C/L of wetwell to C/L of pump bolts (in)	N/A	N/A	N/A	14.75	14.75	15.75	17.25	16.75	18.375	18.375
"S" C/L of pump to C/L of pump (in)	20	22.75	22.75	32	32	32	36	36	36	36
"T" Wet Well Hatch (in)	24	24	24	48	48	66	66	72	72	72
"U" Wet Well Hatch (in)	36	36	36	36	36	40	40	47	47	47
"V" Exterior Valve Vault (in)	N/A	40	40	N/A	N/A	N/A	N/A	N/A	N/A	N/A
"W" Exterior Valve Vault (in)	N/A	50	50	N/A	N/A	N/A	N/A	N/A	N/A	N/A
"X" Valve Vault Hatch (in)	N/A	30	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A
"Y" Valve Vault Hatch (in)	N/A	36	36	N/A	N/A	N/A	N/A	N/A	N/A	N/A
"Z" C/L of Wet Well to Inside Edge of Hatch	N/A	N/A	N/A	12	12	13	13	16	16	16

Pumping Station Data Table Notes

1. The Engineer of Record (EOR) shall verify all dimensions shown and add or revise the specific pump information in the appropriate column as necessary, and provide additional details not shown as may be required by applicable codes and standards. All changes to these pages shall be clearly identified when submitting for approval.

2. The EOR shall submit the information on this table to the PSLUSD for review and approval with all items filled in or revised for the specific pump model chosen.