

SCADA PANEL DIGITAL INPUTS			
TERMINAL BLOCK TBDI			
TERM #	WIRE #	ORIGINATIION	DESCRIPTION OF INPUTS
S0	S0	CP-DO-398	ALARM ACKNOWLEDGE
S0C	S0C	CP-DO-398A	ALARM ACKNOWLEDGE
S1	S1	M1-0	MAIN PUMP 1 BREAKER OPEN
S1C	S1C	M1-0A	MAIN PUMP 1 BREAKER OPEN
S2	S2	M1-10	MAIN PUMP 1 RUNNING
S2C	S2C	M1-1E	MAIN PUMP 1 RUNNING
S3	S3	M1-15A	MAIN PUMP 1 HOA IN AUTO
S3C	S3C	M1-15	MAIN PUMP 1 HOA IN AUTO
S4	S4	M1-16	MAIN PUMP 1 HOA IN OFF
S4C	S4C	M1-15	MAIN PUMP 1 HOA IN OFF
S5	S5	M1-22A	MAIN PUMP 1 FAIL
S5C	S5C	M1-22B	MAIN PUMP 1 FAIL
S6	S6	M1-57	MAIN PUMP 1 MOTOR WDG HI-TEMP
S6C	S6C	M1-57A	MAIN PUMP 1 MOTOR WDG HI-TEMP
S7	S7	M1-58	MAIN PUMP 1 MOTOR HI-MOISTURE
S7C	S7C	M1-58A	MAIN PUMP 1 MOTOR HI-MOISTURE
S8	S8	M1-59	MAIN PUMP 1 BEARING HI-TEMP
S8C	S8C	M1-59A	MAIN PUMP 1 BEARING HI-TEMP
S9	S9	M1-60	MAIN PUMP 1 SEAL LEAK
S9C	S9C	M1-60A	MAIN PUMP 1 SEAL LEAK
S10	S10	M2-0	MAIN PUMP 2 BREAKER OPEN
S10C	S10C	M2-0A	MAIN PUMP 2 BREAKER OPEN
S11	S11	M2-1D	MAIN PUMP 2 RUNNING
S11C	S11C	M2-1E	MAIN PUMP 2 RUNNING
S12	S12	M2-15A	MAIN PUMP 2 HOA IN AUTO
S12C	S12C	M2-15	MAIN PUMP 2 HOA IN AUTO
S13	S13	M2-16	MAIN PUMP 2 HOA IN OFF
S13C	S13C	M2-15	MAIN PUMP 2 HOA IN OFF
S14	S14	M2-22A	MAIN PUMP 2 FAIL
S14C	S14C	M2-22B	MAIN PUMP 2 FAIL
S15	S15	M2-57	MAIN PUMP 2 MOTOR WDG HI-TEMP
S15C	S15C	M2-57A	MAIN PUMP 2 MOTOR WDG HI-TEMP
S16	S16	M2-58	MAIN PUMP 2 MOTOR HI-MOISTURE
S16C	S16C	M2-58A	MAIN PUMP 2 MOTOR HI-MOISTURE
S17	S17	M2-59	MAIN PUMP 2 BEARING HI-TEMP
S17C	S17C	M2-59A	MAIN PUMP 2 BEARING HI-TEMP
S18	S18	M2-60	MAIN PUMP 2 SEAL LEAK
S18C	S18C	M2-60A	MAIN PUMP 2 SEAL LEAK
S19	S19	M3-0	MAIN PUMP 3 BREAKER OPEN
S19C	S19C	M3-0A	MAIN PUMP 3 BREAKER OPEN
S20	S20	M3-1D	MAIN PUMP 3 RUNNING
S20C	S20C	M3-1E	MAIN PUMP 3 RUNNING
S21	S21	M3-15A	MAIN PUMP 3 HOA IN AUTO
S21C	S21C	M3-15	MAIN PUMP 3 HOA IN AUTO
S22	S22	M3-16	MAIN PUMP 3 HOA IN OFF
S22C	S22C	M3-15	MAIN PUMP 3 HOA IN OFF
S23	S23	M3-22A	MAIN PUMP 3 FAIL
S23C	S23C	M3-22B	MAIN PUMP 3 FAIL
S24	S24	M3-57	MAIN PUMP 3 MOTOR WDG HI-TEMP
S24C	S24C	M3-57A	MAIN PUMP 3 MOTOR WDG HI-TEMP
S25	S25	M3-58	MAIN PUMP 3 MOTOR HI-MOISTURE
S25C	S25C	M3-58A	MAIN PUMP 3 MOTOR HI-MOISTURE
S26	S26	M3-59	MAIN PUMP 3 BEARING HI-TEMP
S26C	S26C	M3-59A	MAIN PUMP 3 BEARING HI-TEMP
S27	S27	M3-60	MAIN PUMP 3 SEAL LEAK
S27C	S27C	M3-60A	MAIN PUMP 3 SEAL LEAK
S28	S28	M4-0	MAIN PUMP 4 BREAKER OPEN
S28C	S28C	M4-0A	MAIN PUMP 4 BREAKER OPEN
S29	S29	M4-1D	MAIN PUMP 4 RUNNING
S29C	S29C	M4-1E	MAIN PUMP 4 RUNNING
S30	S30	M4-35A	MAIN PUMP 4 HOA IN AUTO
S30C	S30C	M4-35	MAIN PUMP 4 HOA IN AUTO
S31	S31	M4-36A	MAIN PUMP 4 HOA IN OFF
S31C	S31C	M4-35	MAIN PUMP 4 HOA IN OFF
S32	S32	M4-22A	MAIN PUMP 4 FAIL
S32C	S32C	M4-22B	MAIN PUMP 4 FAIL
S33	S33	M4-57	MAIN PUMP 4 MOTOR WDG HI-TEMP
S33C	S33C	M4-57A	MAIN PUMP 4 MOTOR WDG HI-TEMP
S34	S34	M4-58	MAIN PUMP 4 MOTOR HI-MOISTURE
S34C	S34C	M4-58A	MAIN PUMP 4 MOTOR HI-MOISTURE
S35	S35	M4-59	MAIN PUMP 4 BEARING HI-TEMP
S35C	S35C	M4-59A	MAIN PUMP 4 BEARING HI-TEMP
S36	S36	M4-60	MAIN PUMP 4 SEAL LEAK
S36C	S36C	M4-60A	MAIN PUMP 4 SEAL LEAK
S37	S37	M5-0	MAIN PUMP 5 BREAKER OPEN
S37C	S37C	M5-0A	MAIN PUMP 5 BREAKER OPEN
S38	S38	M5-1E	MAIN PUMP 5 RUNNING
S38C	S38C	M5-1D	MAIN PUMP 5 RUNNING
S39	S39	M5-15A	MAIN PUMP 5 HOA IN AUTO
S39C	S39C	M5-15	MAIN PUMP 5 HOA IN AUTO
S40	S40	M5-16	MAIN PUMP 5 HOA IN OFF
S40C	S40C	M5-15	MAIN PUMP 5 HOA IN OFF
S41	S41	M5-22A	MAIN PUMP 5 FAIL
S41C	S41C	M5-22B	MAIN PUMP 5 FAIL
S42	S42	M5-57	MAIN PUMP 5 MOTOR WDG HI-TEMP
S42C	S42C	M5-57A	MAIN PUMP 5 MOTOR WDG HI-TEMP
S43	S43	M5-58	MAIN PUMP 5 MOTOR HI-MOISTURE
S43C	S43C	M5-58A	MAIN PUMP 5 MOTOR HI-MOISTURE
S44	S44	M5-59	MAIN PUMP 5 BEARING HI-TEMP
S44C	S44C	M5-59A	MAIN PUMP 5 BEARING HI-TEMP
S45	S45	M5-60	MAIN PUMP 5 SEAL LEAK
S45C	S45C	M5-60A	MAIN PUMP 5 SEAL LEAK
S46	S46	M6-0	MAIN PUMP 6 BREAKER OPEN
S46C	S46C	M6-0A	MAIN PUMP 6 BREAKER OPEN
S47	S47	M6-1D	MAIN PUMP 6 RUNNING
S47C	S47C	M6-1E	MAIN PUMP 6 RUNNING

SCADA PANEL DIGITAL INPUTS			
TERMINAL BLOCK TBDI			
TERM #	WIRE #	ORIGINATIION	DESCRIPTION OF INPUTS
S48	S48	M6-15A	MAIN PUMP 6 HOA IN AUTO
S48C	S48C	M6-15	MAIN PUMP 6 HOA IN AUTO
S49	S49	M6-16	MAIN PUMP 6 HOA IN OFF
S49C	S49C	M6-15	MAIN PUMP 6 HOA IN OFF
S50	S50	M6-22A	MAIN PUMP 6 FAIL
S50C	S50C	M6-22B	MAIN PUMP 6 FAIL
S51	S51	M6-57	MAIN PUMP 6 MOTOR WDG HI-TEMP
S51C	S51C	M6-57A	MAIN PUMP 6 MOTOR WDG HI-TEMP
S52	S52	M6-58	MAIN PUMP 6 MOTOR HI-MOISTURE
S52C	S52C	M6-58A	MAIN PUMP 6 MOTOR HI-MOISTURE
S53	S53	M6-59	MAIN PUMP 6 BEARING HI-TEMP
S53C	S53C	M6-59A	MAIN PUMP 6 BEARING HI-TEMP
S54	S54	M6-60	MAIN PUMP 6 SEAL LEAK
S54C	S54C	M6-60A	MAIN PUMP 6 SEAL LEAK
S55	S55	M7-0	SUMP PUMP 1 BREAKER OPEN
S55C	S55C	M7-0A	SUMP PUMP 1 BREAKER OPEN
S56	S56	M7-1D	SUMP PUMP 1 RUNNING
S56C	S56C	M7-1E	SUMP PUMP 1 RUNNING
S57	S57	M7-15A	SUMP PUMP 1 HOA IN AUTO
S57C	S57C	M7-15	SUMP PUMP 1 HOA IN AUTO
S58	S58	M7-16	SUMP PUMP 1 HOA IN OFF
S58C	S58C	M7-15	SUMP PUMP 1 HOA IN OFF
S59	S59	M7-22A	SUMP PUMP 1 FAIL
S59C	S59C	M7-22B	SUMP PUMP 1 FAIL
S60	S60	M7-50	SUMP PUMP 1 MOTOR WDG HI-TEMP
S60C	S60C	M7-50A	SUMP PUMP 1 MOTOR WDG HI-TEMP
S61	S61	M7-51	SUMP PUMP 1 MOTOR HI-MOISTURE
S61C	S61C	M7-51A	SUMP PUMP 1 MOTOR HI-MOISTURE
S62	S62	M7-52	SUMP PUMP 1 BEARING HI-TEMP
S62C	S62C	M7-52A	SUMP PUMP 1 BEARING HI-TEMP
S63	S63	M8-0	SUMP PUMP 1 BREAKER OPEN
S63C	S63C	M8-0A	SUMP PUMP 1 BREAKER OPEN
S64	S64	M8-1D	SUMP PUMP 1 RUNNING
S64C	S64C	M8-1E	SUMP PUMP 1 RUNNING
S65	S65	M8-15A	SUMP PUMP 1 HOA IN AUTO
S65C	S65C	M8-15	SUMP PUMP 1 HOA IN AUTO
S66	S66	M8-16	SUMP PUMP 1 HOA IN OFF
S66C	S66C	M8-15	SUMP PUMP 1 HOA IN OFF
S67	S67	M8-22A	SUMP PUMP 2 FAIL
S67C	S67C	M8-22B	SUMP PUMP 2 FAIL
S68	S68	M8-50	SUMP PUMP 2 MOTOR WDG HI-TEMP
S68C	S68C	M8-50A	SUMP PUMP 2 MOTOR WDG HI-TEMP
S69	S69	M8-51	SUMP PUMP 2 MOTOR HI-MOISTURE
S69C	S69C	M8-51A	SUMP PUMP 2 MOTOR HI-MOISTURE
S70	S70	M8-52	SUMP PUMP 2 BEARING HI-TEMP
S70C	S70C	M8-52A	SUMP PUMP 2 BEARING HI-TEMP
S71	S71	M9-0	MIXER 1 BREAKER OPEN
S71C	S71C	M9-0A	MIXER 1 BREAKER OPEN
S72	S72	M9-4A	MIXER 1 RUNNING
S72C	S72C	M9-4B	MIXER 1 RUNNING
S73	S73	M9-11A	MIXER 1 HOA IN AUTO
S73C	S73C	M9-11	MIXER 1 HOA IN AUTO
S74	S74	M9-12	MIXER 1 HOA IN OFF
S74C	S74C	M9-11	MIXER 1 HOA IN OFF
S75	S75	M9-0B	MIXER 1 UNDERLOAD
S75C	S75C	M9-0C	MIXER 1 UNDERLOAD
S76	S76	M9-26A	MIXER 1 HI TEMP/MOIST.
S76C	S76C	M9-26B	MIXER 2 HI TEMP/MOIST.
S77	S77	M10-0	MIXER 2 BREAKER OPEN
S77C	S77C	M10-0A	MIXER 2 BREAKER OPEN
S78	S78	M10-4A	MIXER 2 RUNNING
S78C	S78C	M10-4B	MIXER 2 RUNNING
S79	S79	M10-11A	MIXER 2 HOA IN AUTO
S79C	S79C	M10-11	MIXER 2 HOA IN AUTO
S80	S80	M10-12	MIXER 2 HOA IN OFF
S80C	S80C	M10-11	MIXER 2 HOA IN OFF
S81	S81	M10-0B	MIXER 2 UNDERLOAD
S81C	S81C	M10-0C	MIXER 2 UNDERLOAD
S82	S82	M10-26A	MIXER 2 HI TEMP/MOIST.
S82C	S82C	M10-26B	MIXER 2 HI TEMP/MOIST.
S83	S83	M11-0	MIXER 3 BREAKER OPEN
S83C	S83C	M11-0A	MIXER 3 BREAKER OPEN
S84	S84	M11-4A	MIXER 3 RUNNING
S84C	S84C	M11-4B	MIXER 3 RUNNING
S85	S85	M11-11A	MIXER 3 HOA IN AUTO
S85C	S85C	M11-11	MIXER 3 HOA IN AUTO
S86	S86	M11-0B	MIXER 3 HOA IN OFF
S86C	S86C	M11-0A	MIXER 3 HOA IN OFF
S87	S87	M11-0C	MIXER 3 UNDERLOAD
S87C	S87C	M11-0D	MIXER 3 UNDERLOAD
S88	S88	M11-26A	MIXER 3 HI TEMP/MOIST.
S88C	S88C	M11-26B	MIXER 3 HI TEMP/MOIST.
S89	S89	M12-0	MIXER 4 BREAKER OPEN
S89C	S89C	M12-0A	MIXER 4 BREAKER OPEN
S90	S90	M12-4A	MIXER 4 RUNNING
S90C	S90C	M12-4B	MIXER 4 RUNNING
S91	S91	M12-11A	MIXER 4 HOA IN AUTO
S91C	S91C	M12-11	MIXER 4 HOA IN AUTO
S92	S92	M12-12	MIXER 4 HOA IN OFF
S92C	S92C	M12-11	MIXER 4 HOA IN OFF
S93	S93	M12-0B	MIXER 4 UNDERLOAD
S93C	S93C	M12-0C	MIXER 4 UNDERLOAD
S94	S94	M12-26A	MIXER 4 HI TEMP/MOIST.
S94C	S94C	M12-26B	MIXER 4 HI TEMP/MOIST.
S95	S95	M13-2D	DRAIN PUMP 1 RUNNING
S95C	S95C	M13-2E	DRAIN PUMP 1 RUNNING
S96	S96	M13-5A	DRAIN PUMP 1 HI TEMP/MOIST.
S96C	S96C	M13-5B	DRAIN PUMP 1 HI TEMP/MOIST.

SCADA PANEL DIGITAL INPUTS			
TERMINAL BLOCK TBDI			
TERM #	WIRE #	ORIGINATIION	DESCRIPTION OF INPUTS
S97	S97	M14-2D	DRAIN PUMP 2 RUNNING
S97C	S97C	M14-2E	DRAIN PUMP 2 RUNNING
S98	S98	M14-5A	DRAIN PUMP 2 HI TEMP/MOIST.
S98C	S98C	M14-5B	DRAIN PUMP 2 HI TEMP/MOIST.
S99	S99	M14-2D	FLASHING WATER PUMP RUNNING
S99C	S99C	M14-2E	FLASHING WATER PUMP RUNNING
S100	S100	CP-201	CPDO-201 WETWELL LVL BELOW FLOAT EL. 380.5'
S100C	S100C	CPDO-201A	CPDO-201A WETWELL LVL BELOW FLOAT EL. 380.5'
S101	S101	CP-202	CPDO-202 WETWELL LVL BELOW FLOAT EL. 379.5'
S101C	S101C	CPDO-202A	CPDO-202A WETWELL LVL BELOW FLOAT EL. 379.5'
S102	S102	CP-203	CPDO-203 WETWELL LVL BELOW FLOAT EL. 378.5'
S102C	S102C	CPDO-203A	CPDO-203A WETWELL LVL BELOW FLOAT EL. 378.5'
S103	S103	CP-204	CPDO-204 WETWELL LVL BELOW FLOAT EL. 377.5'
S103C	S103C	CPDO-204A	CPDO-204A WETWELL LVL BELOW FLOAT EL. 377.5'
S104	S104	CP-205	CPDO-205 WETWELL LVL BELOW FLOAT EL. 377.0'
S104C	S104C	CPDO-205A	CPDO-205A WETWELL LVL BELOW FLOAT EL. 377.0'
S105	S105	CP-206	CPDO-206 WETWELL LVL BELOW FLOAT EL. 376.5'
S105C	S105C	CPDO-206A	CPDO-206A WETWELL LVL BELOW FLOAT EL. 376.5'
S106	S106	CP-207	CPDO-207 WETWELL LVL BELOW FLOAT EL. 376.0'
S106C	S106C	CPDO-207A	CPDO-207A WETWELL LVL BELOW FLOAT EL. 376.0'
S107	S107	CP-208	CPDO-208 WETWELL LVL BELOW FLOAT EL. 375.5'
S107C	S107C	CPDO-208A	CPDO-208A WETWELL LVL BELOW FLOAT EL. 375.5'
S108	S108	CP-209	CPDO-209 WETWELL LVL BELOW FLOAT EL. 375.0'
S108C	S108C	CPDO-209A	CPDO-209A WETWELL LVL BELOW FLOAT EL. 375.0'
S109	S109	CP-210	CPDO-210 WETWELL LVL BELOW FLOAT EL. 374.5'
S109C	S109C	CPDO-210A	CPDO-210A WETWELL LVL BELOW FLOAT EL. 374.5'
S110	S110	CP-211	CPDO-211 WETWELL LVL BELOW FLOAT EL. 374.0'
S110C	S110C	CPDO-211A	CPDO-211A WETWELL LVL BELOW FLOAT EL. 374.0'
S111	S111	CP-212	CPDO-212 WETWELL LVL BELOW FLOAT EL. 373.5'
S111C	S111C	CPDO-212A	CPDO-212A WETWELL LVL BELOW FLOAT EL. 373.5'
S112	S112	CP-213	CPDO-213 WETWELL LVL BELOW FLOAT EL. 373.0'
S112C	S112C	CPDO-213A	CPDO-213A WETWELL LVL BELOW FLOAT EL. 373.0'
S113	S113	CP-214	CPDO-214 WETWELL LVL BELOW FLOAT EL. 372.0'
S113C	S113C	CPDO-214A	CPDO-214A WETWELL LVL BELOW FLOAT EL. 372.0'
S114	S114	CP-215	CPDO-215 WETWELL LVL BELOW FLOAT EL. 371.5'
S114C	S114C	CPDO-215A	CPDO-215A WETWELL LVL BELOW FLOAT EL. 371.5'
S115	S115	CP-216	CPDO-216 WETWELL LVL BELOW FLOAT EL. 371.0'
S115C	S115C	CPDO-216A	CPDO-216A WETWELL LVL BELOW FLOAT EL. 371.0'
S116	S116	CP-217	CPDO-217 WETWELL LVL BELOW FLOAT EL. 370.5'
S116C	S116C	CPDO-217A	CPDO-217A WETWELL LVL BELOW FLOAT EL. 370.5'
S117	S117	CP-218	CPDO-218 WETWELL LVL BELOW FLOAT EL. 369.5'
S117C	S117C	CPDO-218A	CPDO-218A WETWELL LVL BELOW FLOAT EL. 369.5'
S118	S118	CP-219	CPDO-219 WETWELL LVL BELOW FLOAT EL. 368.5'
S118C	S118C	CPDO-219A	CPDO-219A WETWELL LVL BELOW FLOAT EL. 368.5'
S119	S119	CPDO-2	PUMP CONTROL CKT POWER FAIL
S119C	S119C	CPDO-2A	PUMP CONTROL CKT POWER FAIL
S120	S120	CPDO-145	MAIN PUMP FAIL TO STOP
S120C	S120C	CPDO-145A	MAIN PUMP FAIL TO STOP
S121	S121	CPDO-391	ALARM ACKNOWLEDGED
S121C	S121C	CPDO-391A	ALARM ACKNOWLEDGED
S122	S122	CPDO-481	COMBUSTIBLE GAS WARNING
S122C	S122C	CPDO-481A	COMBUSTIBLE GAS WARNING
S123	S123	CPDO-482	COMBUSTIBLE GAS ALARM
S123C	S123C	CPDO-482A	COMBUSTIBLE GAS ALARM
S124	S124	CPDO-483	COMBUSTIBLE GAS DETECTOR FAIL
S124C	S124C	CPDO-483A	COMBUSTIBLE GAS DETECTOR FAIL
S125	S125	SWGR-1	UTILITY LINE 1 POWER FAIL
S125C	S125C	SWGR-1C	UTILITY LINE 1 POWER FAIL
S126	S126	SWGR-2	UTILITY LINE 1 TVSS ALARM
S126C	S126C	SWGR-2C	UTILITY LINE 1 TVSS ALARM
S127	S127	SWGR-3	UTILITY LINE 1 BREAKER CLOSED
S127C	S127C	SWGR-3C	UTILITY LINE 1 BREAKER CLOSED
S128	S128	SWGR-4	UTILITY LINE 2 POWER FAIL
S128C	S128C	SWGR-4C	UTILITY LINE 2 POWER FAIL
S129	S129	SWGR-5	UTILITY LINE 2 TVSS ALARM
S129C	S129C	SWGR-5C	UTILITY LINE 2 TVSS ALARM
S130	S130	SWGR-6	UTILITY LINE 2 BREAKER CLOSED
S130C	S130C	SWGR-6C	UTILITY LINE 2 BREAKER CLOSED
S131	S131	SWGR-7	BUS TIE 1 BREAKER CLOSED
S131C	S131C	SWGR-7C	BUS TIE 1 BREAKER CLOSED