

11:00 NIGHTS NO SAP NO PRODUCTION NO PRODUCTION

Shift Supervisor  
GRIFFIN, Brian

Plant US62

Start Time 10/20/23 18:00  
Finish Time 10/21/23 6:00  
Operating Time 12.0  
Downtime 12.00

Production Date 10/20/23 18:00

Utilities	Level
Steam	0 lb
Water	12,166 G
Waste Water	150 G
Nitrogen	0 kg
Electricity	16,061 cf
Natural Gas	11,919 kwh
	0 cf

Location	Downtime	hrs
940193 CST Consummed	504 kg	
939829 Water To Be Treated	0 kg	
CWT	0	
940183 PST Recovered	507 kg	
938080 BioMass Generated	-11 kg	
940191 CST Lights	8 kg	


Location	Downtime	hrs
940191 CST Lights Consummed	8 kg	
982529/982527 50%/25% NaOH Consumed	3,491 kg	
984170 Sulfites Generated	26,233 kg	

Location	Downtime	hrs
940183 PST Consummed	535 kg	
948354 H2O2 Consummed	8 kg	
982529/982527 50%/25% NaOH Consumed	0 kg	
939829 Water to be Treated	0 G	
940186 DST Generated	550 kg	

Location	Downtime	hrs
940186 DST Consummed	-112 kg	
992151 Alpha-Tocopherol	0 kg	
973980 API2 Produced	333 kg	
973980 API1 Produced	-1 kg	
974031 BPI Produced	-9 kg	
939238 DIP Produced	-2 kg	
938080 BioMass Produced	-12 kg	

Location	Downtime	hrs
973980 API 2 Consummed	0 kg	
992151 Alpha-Tocopherol	0 kg	
973993 API3 Produced	10 kg	
940193 CST Recovered	0 kg	

Tank #	Level
TK601 Sulfites	34,388 kg
TK801 CST	115,216 kg
TK802 CST	245,143 kg
TK803 CST	13,177 kg
TK803 CWT	- kg
TK804 PST	190,926 kg
TK805 DST	3,133 kg
TK806 BPI	9,328 kg
TK807 API-2	16,900 kg
TK808 Res 1	22,978 kg
TK809 Res 2	6,693 kg
TK810 API-2	30,126 kg
TK810 BPI	- kg
TK811 API-2	- kg
TK811 API-3	- kg
TK812 DIP	8,035 kg
TK814 H2O2	26,680 kg
TK815 NaOH	54,279 kg
TK706 Untreated Wastewater	58,179 G
TK707 Treated Wastewater	- G

	DAILY SHIFT CHECKLIST	NAME: <u>Dominic A</u>
		DATE: <u>10/20/23</u>

### Fire Water Tank

Tank Level is ok?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Jockey Pump	Diesel Pump
Diesel Tank Free of Leaks?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Ready	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
Batteries Bank #1 <input type="checkbox"/> Bank #2 <input checked="" type="checkbox"/>	<u>13</u> volts	Pressure	<u>150</u> psi	<u>150</u> psi
Batteries Free of Buildup?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Comments:				

### Water Booster Pump

Pump Online	734A <input checked="" type="checkbox"/> 734B <input checked="" type="checkbox"/>	Discharge Pressure	<u>93</u> psi
Pumps are free from excessive noise	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	VFD	<u>74.1</u> %
Comments:			

### Boiler SG701

Water Level is OK? (sightglass)	High <input type="checkbox"/> Normal <input type="checkbox"/> Low <input checked="" type="checkbox"/>	Boiler Blowdown Complete	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Economizer Water In	<u>215</u> °F	Combustion Air Temp	<u>79.6</u> °F
Economizer Water Out	<u>207</u> °F	VFD	<u>0</u> °F
Stack Temp Economizer In	<u>282</u> °F	Efficiency	<u>0</u> °F
Stack Temp Economizer Out	<u>270</u> °F	Firing Rate	<u>0</u> °F
Steam Pressure	<u>51.3</u> psi	Water Temp	<u>225</u> °F
Oxygen Concentration	<u>20.3</u> %	Elapsed Time	<u>26178.40</u> 22 47
Nat. Gas Reading (main line)	<u>N/A</u> MCF	Number of Cycles	<u>24665</u>
Comments:			

### Water Softeners

Salt Level OK?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input checked="" type="checkbox"/> OFFLINE	Bank A (North)	Bank B (South)
Salt Added	<u>0</u> bags	Remaining Capacity	<u>30</u> %	<u>100</u> %
Comments:	Remaining Gallons	<u>8639</u> G	<u>28500</u> G	
	Current Flow	<u>0</u> G	<u>0</u> G	
	Today's Usage	<u>0</u> G	<u>0</u> G	
	Daily Average	<u>0</u> G	<u>0</u> G	
	Total Water	<u>4026153</u> G	<u>1769022</u> G	

**DA Tank**

733A <input checked="" type="checkbox"/> 733B <input type="checkbox"/>	<u>235</u> psi
Level	<u>33</u> %
Flow	<u>N/A</u> kg/hr
Pressure	<u>4</u> psi
Temperature	<u>274</u> °F
Comments:	

**Tempered Water**

Pump Running?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Header Temperature	<u>23.7</u> °C	
Differential Pressure	<u>N/A</u> psi	
	<b>TP001A</b>	<b>TP001B</b>
Temperature	<u>30</u> °C	<u>30</u> °C
Pressure	<u>60</u> psi	<u>90</u> psi

**Air Compressor (South CUB)**

Package Disch Pressure	<u>104</u> psi
First Stage Disch Temp	<u>74</u> °F
Second Stage Inlet Pressure	<u>0</u> psi
Second Stage Inlet Temp	<u>70</u> °F
Second Stage Disch Pressure	<u>1</u> psi
Second Stage Disch Temp	<u>74</u> °F
Bearing Oil Temp	<u>71</u> °F
Bearing Oil Pressure	<u>0</u> psi
Oil Pressure Drop	<u>0</u> psi
Total Hours	<u>40982</u>
Loaded Hours	<u>32774</u>
Comments:	

**Air Compressor (North CUB)**

Power On	<u>8058</u> hours
Running Hours	<u>2293</u> hours
Loaded Hours	<u>1294</u> hours
Inlet Vac.	<u>0</u> psi
Sump Pressure	<u>100</u> psi
Pkg Disch Pressure	<u>112</u> psi
Sep Press Drop	<u>0</u> psi
Coolant Filter Drop	<u>3</u> psi
Air end Disch Temp	<u>187</u> °F
Inject Coolant Temp	<u>175</u> °F
Motor Speed	<u>787</u> rpm
Capacity	<u>0</u> %
Package kW	<u>19</u> kW

**Air Dryers**

All Systems OK?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Online	Bank A (north)	Bank B (south)
Differential Pressure	<u>110</u>	
Drains Free of Water?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Dew Point Temp	<u>27</u>	

**Boiler Chemistry**

Hardness (softeners)	Blue <input type="checkbox"/> Pink <input type="checkbox"/>
Conductivity (meter)	<u>          </u> µm/cs
Conductivity (display)	<u>502</u> µm/cs

**CTW Chemistry**

Conductivity (meter)	<u>          </u> µm/cs
Conductivity (display)	<u>104</u> µm/cs
Flow	Yes <input type="checkbox"/> No <input type="checkbox"/>
pH	<u>          </u> pH
ORP MV	<u>264</u>
WM1 <u>378874</u>	WM2 <u>.0</u>
Katham 1.5% Biocide	<u>          </u> G

**Cooling Tower**

P721a <input checked="" type="checkbox"/> P722 <input type="checkbox"/>	P719 <input type="checkbox"/> P720 <input checked="" type="checkbox"/>
Supply Temperature	<u>28.9</u> °C
Return Temperature	<u>28.6</u> °C
City Water Totalizer	<u>          </u> G
Blowdown Totalizer	<u>8415311</u> G
Basin Level	<u>N/A</u> in/H2O

**Sand Filter**

On?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Diff Pressure	_____ psi
Basin Level	_____ in/H2O

**Nitrogen**

TK Level	<u>212.8</u> in
TK Pressure	<u>150</u> psi
Flow to Plant	<u>54.2</u> ft <sup>3</sup> /mn

**DI Water**

WM1	<u>760</u> <u>27912</u>
WM2	
Conductivity (display)	<u>12.3</u>

**Process Area / Tank Farm**

MCC Room not used for storage	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Desulfurization Hoses Leak Free	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
MCC Room Climate Controlled	<u>69</u> °F	Decanter TK502 Leak Free	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Power Reading _____ mkw	<u>8187</u> mkw	Decanter TK701 Leak Free	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Deodorization Agitators OK?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Process Area Funnels Closed	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
CA #1 free of standing water?	Yes <input type="checkbox"/> No <input type="checkbox"/>	TS #1 Leak Free	Yes <input type="checkbox"/> No <input type="checkbox"/>
Peroxide Tank Leak Free	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	TS #2 Leak Free	Yes <input type="checkbox"/> No <input type="checkbox"/>
Peroxide Dike drained/closed	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Valves at CA #2 are closed	Yes <input type="checkbox"/> No <input type="checkbox"/>
Tank Farm pumps leak free	Yes <input type="checkbox"/> No <input type="checkbox"/>	Tank farm free of excessive noise	Yes <input type="checkbox"/> No <input type="checkbox"/>
Knife Gate at CA #2a Closed	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CA #1 Free of Terpenes	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Tank Levels Below LSHHs	Yes <input type="checkbox"/> No <input type="checkbox"/>	Sluice Gate at CA #1 is Closed	Yes <input type="checkbox"/> No <input type="checkbox"/>
All pump containment areas are free of standing liquid and drain valves are closed			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Comments:			

**Pumps**

	Running	Leaking	Excessive Noise	Seal Fluid OK?	Seal Pot
P501C	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	N/A
P501D	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input type="checkbox"/>	<u>38</u> psi
P501A	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>36</u> psi
P303F	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>36</u> psi
P303E	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>38</u> psi
P303C	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>38</u> psi
P303D	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input type="checkbox"/>	<u>36</u> psi
P302C	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>38</u> psi
P302E	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>40</u> psi
P301F	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input type="checkbox"/>	<u>36</u> psi
P301E	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>36</u> psi
P301D	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>38</u> psi
P301C	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>36</u> psi
P102C	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>38</u> psi
P102D	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>38</u> psi
P102E	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>36</u> psi
P101C	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>36</u> psi
P101D	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input checked="" type="checkbox"/>	<u>57</u> psi
P204	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>36</u> psi
P201B	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input checked="" type="checkbox"/>	<u>36</u> psi

	Running	Leaking	Excessive Noise	Seal Fluid OK?	Seal Pot
P201A	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input checked="" type="checkbox"/>	<u>34</u> psi
P101H	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>38</u> psi
P101G	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input type="checkbox"/>	<u>36</u> psi
P101J	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input type="checkbox"/>	<u>38</u> psi
P101I	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>36</u> psi
P102G	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input type="checkbox"/>	<u>0</u> psi
P102H	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>40</u> psi
P301G	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>36</u> psi
P301H	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>38</u> psi
P301I	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>38</u> psi
P301J	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>0</u> psi
P302G	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input type="checkbox"/>	<u>36</u> psi
P302H	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input type="checkbox"/>	<u>36</u> psi
P303G	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>34</u> psi
P601A	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	<u>36</u> psi
P601B	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	<u>0</u> psi
P201D	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	N/A
P810A	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	N/A
P810B	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	N/A
P602	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	N/A
P812	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>59</u> psi
P809	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>20</u> psi
P811	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>52</u> psi
P803	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input type="checkbox"/>	<u>59</u> psi
P101A	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input type="checkbox"/>	<u>59</u> psi
P101B	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input type="checkbox"/>	<u>52</u> psi
P301A	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input type="checkbox"/>	<u>38</u> psi
P301B	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>40</u> psi
P802	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input checked="" type="checkbox"/>	<u>26</u> psi
P711	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	N/A
P726	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	N/A
P733	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	N/A
P814	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>92</u> psi
P501B	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>94</u> psi
P807	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>90</u> psi
P804	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>52</u> psi
P201C	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input type="checkbox"/>	<u>36</u> psi
P201E	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input type="checkbox"/>	<u>52</u> psi
P713A	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	N/A
P713B	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	N/A

Offline

	P701	P715	P716	P717
Oil Level	Low <input type="checkbox"/> Run <input checked="" type="checkbox"/> High <input type="checkbox"/>	Low <input type="checkbox"/> Run <input checked="" type="checkbox"/> High <input type="checkbox"/>	Low <input type="checkbox"/> Run <input checked="" type="checkbox"/> High <input type="checkbox"/>	Low <input type="checkbox"/> Run <input checked="" type="checkbox"/> High <input type="checkbox"/>
CTW Flow	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
CTW Temp	_____ °C out	_____ °C out	_____ °C out	_____ °C out
N2 Flow	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>
Discharge Pres.	<u>7.9</u> mbar	<u>16.4</u> mbar	<u>500</u> mbar	<u>0</u> mbar
Flush Tank Level	OK <input checked="" type="checkbox"/> Filled <input type="checkbox"/>	OK <input checked="" type="checkbox"/> Filled <input type="checkbox"/>	OK <input checked="" type="checkbox"/> Filled <input type="checkbox"/>	OK <input checked="" type="checkbox"/> Filled <input type="checkbox"/>

Process Filters

	Online	Leak Free	Δ Pressure
F101A	A <input checked="" type="checkbox"/> B <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
F101B	A <input checked="" type="checkbox"/> B <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
C101 Strainer	(bottom of column)	Yes <input type="checkbox"/> No <input type="checkbox"/>	
DFA-02-0016	N/A	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
F301A	A <input checked="" type="checkbox"/> B <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
F301B	A <input type="checkbox"/> B <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
F302	A <input checked="" type="checkbox"/> B <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
DFA-06-0022	N/A	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
F713	A <input checked="" type="checkbox"/> B <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

Thermal Oxidizer

ThOx Temp	<u>1715</u> °F	Tank Farm Vent Pressure (behind tk806)	<u>10</u>
Natural Gas Valve Position	<u>70.9</u> %	ThOx Pressure (PIT-06-0025) (<-1)	<u>1.3</u> in/w
Combustion Air Valve Position	<u>40.4</u> %	ID Fan Blower Speed	<u>31.1</u> HZ
Diff. Pressure (DPIT-06-0015) (<6)	<u>0.2</u> in/w	Density Setpoint	<u>1350</u> kgm/m
Scrubber Flow (must be >140)	<u>162</u> gpm	Density Control Loop	A <input checked="" type="checkbox"/> B <input type="checkbox"/>
Scrubber Sump Level (LIT-06-0012)	<u>37</u> in/w	Density Reading (DIT-0005A/B)	<u>1433</u> kgm/m
pH Reading A	<u>5.9</u> pH	pH Reading B	<u>11.1</u> pH

Ovivo

Influent Lift Station	Pump On: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Permeate (yest.) <u>0</u> G	Status: <input type="checkbox"/> Flow <input checked="" type="checkbox"/> No Flow
Fine Screen	FS1 Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> FS2 Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Flow: <u>0</u> gpm	Inst. Flux: <u>0</u> gfd
Recycle Pumps	FS1 Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> FS2 Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Avg Flux: <u>0</u> gpm	Permeability: <u>0</u>
PA1 <input checked="" type="checkbox"/> Online <input type="checkbox"/> Offline	PA2 <input checked="" type="checkbox"/> Online <input type="checkbox"/> Offline	Suction Pres. <u>16.5</u>	TM Pressure: <u>0</u>
Level: <u>7.9</u> ft	Level: <u>7.7</u> ft	<b>Chemical Inventory (# Full):</b>	
DO: <u>0</u> mg/L	DO: <u>0</u> mg/L	Sulfuric ACID Totes: <u>17</u>	MBR Status: <u>Offline</u>
Temp: <u>2</u> °C		Bleach Drums: <u>7</u>	Turbidity: <u>0.5</u> NTU
Comments:		DEF Totes: <u>3</u>	MBR1: <u>8.5</u> ft
		Alpha-Tocopherol (total inches):	MBR2: <u>6.0</u> ft

Oxygen Analyzers – Must be drained once per shift