

2010 CONSTANT SPEED PUMP CONTROL

15.00 Feet

Start LAG

Start LEAD

Stop LAG

Stop LEAD

LAG START

16.0

LEAD START

14.0

LAG STOP

12.0

LEAD STOP

11.0

2010 TRANSFER PUMP #1 (CS)

130.7 Hours

REMOTE

LEAD

MANUAL

LOCAL

REMOTE

OFF

ON

STOP

START

FAULT RESET

FAULT

10.0

LoLo Alarm SP

2010 TRANSFER PUMP #2 (CS)

121.6 Hours

REMOTE

LAG

MANUAL

LOCAL

REMOTE

OFF

ON

STOP

START

FAULT RESET

FAULT

2010 TRANSFER PUMP #3 (VFD)

5100.1 Hours

REMOTE

PRIMARY

AUTO

LOCAL

REMOTE

OFF

ON

STOP

START

FAULT RESET

FAULT

11.9

Calculated Value

2010 TRANSFER PUMP #4 (VFD)

6506.4 Hours

LOCAL

STANDBY

MANUAL

LOCAL

REMOTE

OFF

ON

STOP

START

FAULT RESET

FAULT

2010 VFD PUMP SPEED CONTROL

Clearwell_Level

FEET

PV:

15.00

SP:

15.0

OUTPUT:

11.9

0

20

40

60

80

100

TREND

CLOSE

Manual Speed SP

25

Raw Water Systems

1961 & 1987 Facilities

Jasper

2010 Membrane Facilities

Utilities

Raw Water Flow Split

Reactor

Filtration

Finished Water

Chemicals

Solids

Previous

Clear

Clear All

WASHWATER LAGOON RETURN PUMP STATION PUMP 1

3645.8 Hours

LOCAL

REMOTE

OFF

ON

STOP

START

WASHWATER LAGOON RETURN PUMP STATION PUMP 2

3658.1 Hours

LOCAL

REMOTE

OFF

ON

STOP

START

WASHWATER LAGOON RETURN PUMP STATION PUMP 3

3350.2 Hours

LOCAL

REMOTE

OFF

ON

STOP

START

WASHWATER LAGOON RETURN PUMP STATION PUMP 4

3338.4 Hours

LOCAL

REMOTE

OFF

ON

STOP

START

WASHWATER RETURN PUMP STATION DISCHARGE VALVE Flow Controller

CY41711

Flow in MGD

PV:

1.77

SP:

11.0

OUT:

100.0

8.00

7.00

6.00

5.00

4.00

3.00

2.00

1.00

0

0

20

40

60

80

100

Valve Position in Percent

AUTO

Auto/Manual

MANUAL

Manual Position SP:

22.0

%

Lagoon Percent Flow: 42.62 %

Lagoon Percent Flow Shutdown SP: 50.00 %

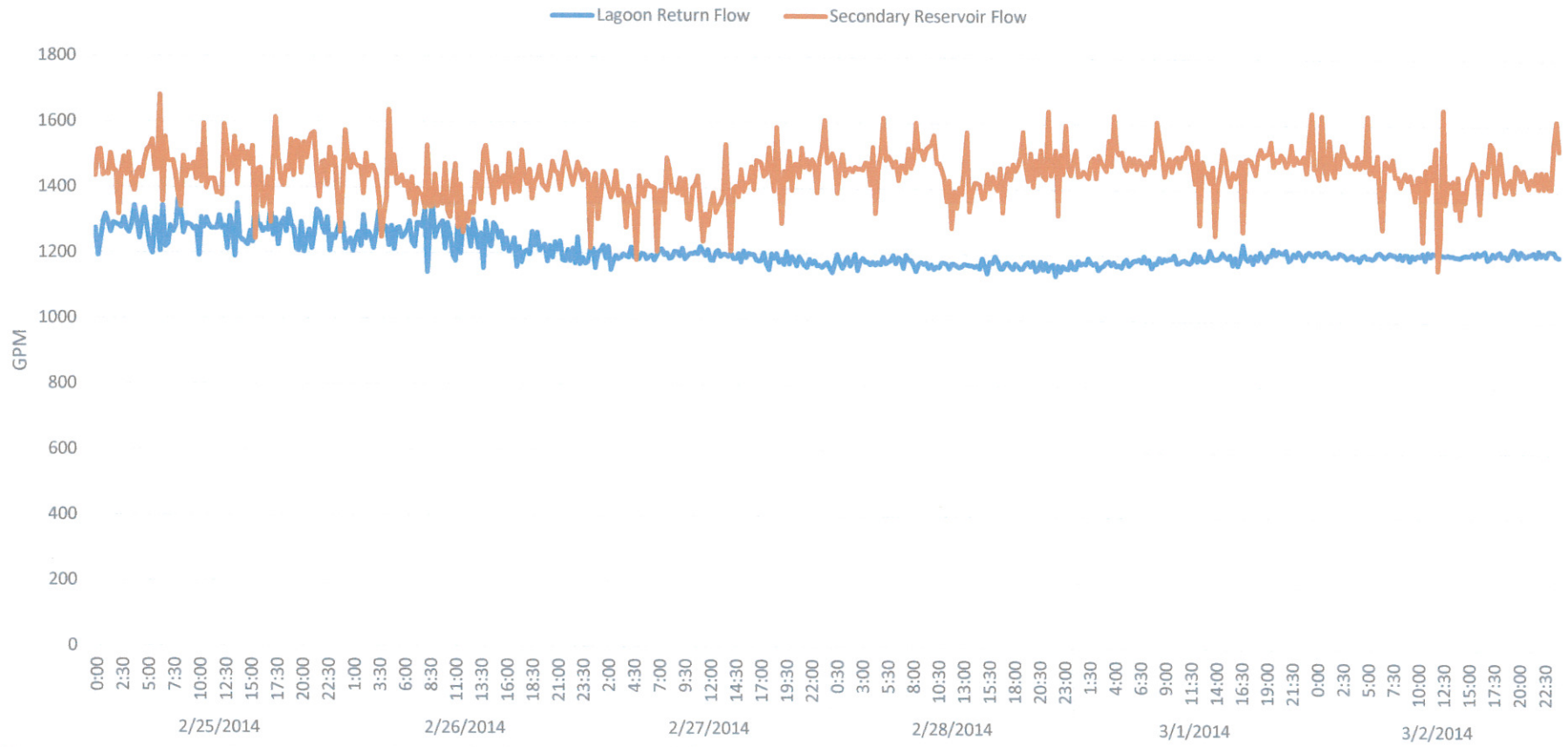
Shutdown Delay SP: 5.0 Minutes

CLOSE

PLC_F

1. Normal filtration with feed valve closed until the cell level reaches the backwash level. Filtration flow rate less than preset minimum sets "Filtrate Flow Low" shutdown alarm.		Cn.BW.B[31]
2. If backwash air flow is below preset minimum, initiate "Backwash Air Flow Low" warning alarm.		Cn.BW.B[35]
3. Period to allow the filtrate pump to start, continue to aerate during this step.		Cn.BW.B[49]
4. If backwash flow is below preset minimum, initiate "Backwash Flow Low" warning alarm.		Cn.BW.B[50]
5. If "Backwash Air Flow Low" or "Backwash Flow Low" alarms occur on 3 successive backwashes shutdown and raise alarm "Backwash Failed".		Cn.BW.B[52]
6. If duration of backwash exceeds 10 minutes shutdown and raise alarm "Backwash Failed".		Cn.BW.B[53]
7. Prime is usually bypassed - see setup bit CnxB76[1].7		Cn.BW.B[54]
		Cn.BW.B[55]
		Cn.BW.B[56]
		Cn.BW.B[37]
		Cn.BW.B[57]
		Cn.BW.B[58]

Raw Water Flows



Monday, February 17, 2014

WWTP Pre Chlorination 1J

