

Minto Inspection Sheet

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Inspected by: GG, TS

For the week of: 5/24/15 to 5/30/15

Presort Pool and Ladder

Diffuser gates: **AUTO** / HAND

Note: Ent Diff Visual = (Ladder Pool 1 staff gauge) – (Tailwater staff gauge). Criteria is: 1-1.5'.

Day	Sun	Mon	Tue	Wed	Thurs	Fri	Sat
Diff gates open (PLC)	4	4	3	3	4	3	3
Vis check (Y/N)	Y	Y	Y	Y	Y	Y	Y
Pool 1 Elev (Staff gauge)	965	965	965	965	965	965	965
Tailwater (Staff gauge)	963.8	963.8	963.6	963.8	963.8	963.8	963.8
Ent Diff Visual	1.2	1.2	1.2	1.6	1.2	1.2	1.2
Ent Diff (PLC)	1.21	1.2	1.2	1.18	1.2	1.28	1.28
Adult Ent Gate Pos. (PLC)	30.0	29.9	29.9	30.0	35.1	36.1	36.4
Adult Ent Gate Pos. (Vis)							
Juv Ent Gate (PLC)	30.0	30	30	30.0	35.1	36.1	36.39
Juv Ent Gate (Vis)							
Weir height Pool 52 (SG)	.8	.8	.84	.85	.74	.85	.85
Presort Pool level (SG)	1002.4	1002.5	1002.5	1002.5	1002.4	1002.5	1002.5
Postsort Level							
Postsort Pools in Use	7,8	7,8	6,7,8	5,6,7,8	5,6,7,8	5,6,7,8	5,6,7,8

Intake Pump Structure
Sump Pumps

Day	Sun	Mon	Tue	Wed	Thurs	Fri	Sat
Pump #1 (Hand/Auto)	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
Pump #1 (Standby/Run)	SB	SB	SB	SB	SB ***	SB	SB
Pump #2 (Hand/Auto)	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
Pump #2 (Standby/Run)	SB	SB	SB	SB	SB ***	SB	SB

*****Test Weekly: Slightly open yellow handle ball valve (left of pump outlet). One at a time, turn each pump to HAND, then back to AUTO. If operating correctly, water should come out of drain pipe.**

Screen Cleaners

System: **AUTO** / MAN / OFF Cleaning events - Sunday: 18 Saturday:

FWS Pumps

System: **AUTO** / HAND

Check: Oil level Gauge btw Min-Max, cooling water running, VFD panel shows fault codes, record in out of criteria section

Day	Sun	Mon	Tue	Wed	Thurs	Fri	Sat
Pump 1 Auto/Hand/ Operating	OPER	OPER	OPER	OPER	OPER	OPER	OPER
Pump 2 Auto/Hand/ Operating	OPER	OPER	OPER	OPER	OPER	AUTO	AUTO
Pump 3 Auto/Hand/ Operating	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
Pump 4 Auto/Hand/ Operating	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
Pump 5 Auto/Hand/ Operating	AUTO	AUTO	AUTO	AUTO	AUTO	OPER	OPER

Pump	#1	#2	#3	#4	#5
Operating hours as of Beginning of week.	12,272	8,233	438	9,900	10,308
Operating hours as of End of the week.	12,425	8325	438	Off line	10,383

Wash-down Water Panel

Day	Sun	Mon	Tue	Wed	Thurs	Fri	Sat
Control Power light (On or Off)	ON	ON	ON	ON	ON	ON	ON
Auto/Hand	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
Run/Standby	SB	SB	SB	SB	SB	SB	SB
Pressure 60-70 Yes/No	YES	YES	YES	YES	YES	YES	YES
Backwashed Yes/No	NO	NO	NO	NO	YES	NO	NO

Note: Backwash should be conducted every other day during low flows (<2500 cfs) and every day under high flows (>3000 cfs) to avoid clogging. To backwash, turn red handle valve to open. If pump is not running, turn pump to HAND to begin back wash. When cleared, pressure gauge on backwash side should match pressure gauge on intake side. After backwashing, return pump to AUTO.

Intake Header

Day	Sun	Mon	Tue	Wed	Thurs	Fri	Sat
Pressure Gauge 1A (PSI)	11.33	11.36	11.3	11.37	11.1	11.38	11.34
Pressure Gauge 1B (PSI)	11.23	11.24	11.25	11.24	11.0	11.29	11.3
Flow Meter Reading (CFS)	25.96	26.02	26.4	26.9	29.8	30.38	30.46

Air Compressor

Check compressor for leaks, abnormal noises and smells.

Sun	Mon	Tue	Wed	Thur	Fri	Sat
X	X	X	X	X	X	X

Pressure Gauges For Air Burst System (100-110 PSI)

Day	Sun	Mon	Tue	Wed	Thurs	Fri	Sat
Bank 1	100	85	90	100	95	110	100
Bank 2	100	90	90	100	95	110	110
Band 3	100	90	100	100	95	110	100
Inspect intake header for leaks	X	X	X	X	X	X	X

Generator and Office Building

Day	Sun	Mon	Tue	Wed	Thurs	Fri	Sat
Water tank PSI	60	60	60	60	60	60	60
Auto dialer On/Off	ON	ON	ON	ON	ON	ON	ON
Block heater On/Off	ON	ON	ON	ON	ON	ON	ON
Generator Auto/Run/Off	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
Battery charger normal Yes/No	YES	YES	YES	YES	YES	YES	YES
Fuel leaks Yes/No	NO	NO	NO	NO	NO	NO	NO
Fill level	2019	2019	2019	2019	2019	2019	2019

Out Of Criteria Items and Maintenance Needs

Date	OOO Items	Category	Cause	Response
PRESORT POOL AND LADDER				
INTAKE PUMP STRUCTURE				
5-29-15	PUMP 4	Over current Fault	Power surge/outage	Notified Detroit control room
OTHER				

Note: Emergencies – Call DET CR. Non-routine – Call DET CR, email to Butler/Traylor with details. Routine – Call DET CR, email to Eickmann/Traylor with details.