

## Daily Rounds

**Week of:**

[illegible]

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Item	Action	Location	Interval	Routine Check	Preventative Maintenance	Mon	Tue	Wed	Thu	Fri	Sat	Sun
				Check applicable category		Record date above for each day; initial or record value below for each item						
SBRs												
SBR System	Complete permit and process control testing as required	Laboratory	Daily									
Surface Wasting Device	Visually verify no obstructions to flow present Verify adequate grease on shaft Inspect moving parts Washdown as necessary Verify guides functioning properly	SBR Walkway	Weekly									
Surface Wasting Device	Clean device and gate stem Operate actuator through full cycle Inspect for grease leakage	SBR Walkway	Quarterly									
Surface Wasting Device	Lubricate device Check mounting hardware for tightness Check wire connections Complete actuator maintenance as prompted by actuator controller	SBR Walkway	Semi-annually									
Submersible WAS Pumps	Visually inspect pumps and listen to pumps during operation for abnormal noises	Dry-pit Vault	Monthly									
Submersible WAS Pumps	Check and record amp draw Check miniCAS relay	Dry-pit Vault	Quarterly									
Submersible WAS Pumps	Perform pump service in accordance with the manufacturer O&M manual including inspection of oil, impeller wear, insulation resistance, voltage balance, etc.	Dry-pit Vault	Semi-annually									
DO Sensor	Inspect Calibrate Clean	SBRs	Quarterly									
Float Switches	Verify proper operation	SBRs	Semi-annually									
Rotary Positive Displacement Blowers	Check differential pressure (<10.5 psi) Check/clean intake filter and replace as necessary (max -45 mbar vacuum pressure) Check discharge air temp (<275 deg F) Check and correct oil level as necessary Check screwed connections for tightness	Process Building	Weekly									
Rotary Positive Displacement Blowers	Check for cleanliness and ventilation of housing Megger to check winding insulation and record readings Check all electrical connections. Check function of pressure valve and clean	Process Building	Quarterly									
Rotary Positive Displacement Blowers	Clean inlet/outlet openings in acoustic hood Check/replace v-belts as necessary Check sheaves for wear and replace as needed Replace grease if discolored	Process Building	Semi-annually									
Rotary Positive Displacement Blowers	Replace oil at 8,000 operating hours Replace grease Replace intake filter Check flexible pipe connection Check non-return valve function Relubricate motor at intervals in manufacturer O&M	Process Building	Annually									
Rotary Positive Displacement Blowers	Replace belts and check sheave alignment (2 years) Schedule service technician inspection (3 years)	Process Building	Greater than annual									

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Effluent System												
Effluent System	Complete permit and process control testing as required	Laboratory	Daily									
Effluent Valves - Limitorque Actuators	Valves are located in non-hazardous locations and should normally be maintenance free. Periodically check oil. Replace bearings, seals or other parts if failure occurs.	Process Building	Quarterly									
Effluent Tank	Review tank level and flowrate trends for repeated high levels or other abnormalities	SCADA	Daily									
Effluent Tank	Open effluent tank lids to visually inspect tank interior	Effluent Tank	Weekly									
Effluent pumps	Pull and visually inspect pumps	Effluent Tank	Annually									
Effluent Pump Ball Check Valves	Visually inspect for leaks Verify no obstructions exist in valve	Effluent Tank	Annually									
Submersible Level Sensor	Clean transducer as necessary	Effluent Tank	Semi-annually									
Float Switches	Verify proper operation	Effluent Tank	Semi-annually									
Electromagnetic Flowmeter	Calibrate as necessary	Process Building	Annually									
Filters	Record each filter stage headloss, air flow, and chem feed rate Visually verify rejects flow and general operation	Process Building	Daily									
Filters	Remove air lift pump to clean and inspect Test float switch and clean Check the test switch for air burst operation	Process Building	Semi-annually									
Air Compressor (Filters)	Check oil level Drain condensate Check for loose parts, excessive noise/vibration, oil leaks	Process Building	Daily									
Air Compressor (Filters)	Clean filter components per O&M Clean air intake filters Check belts for tightness	Process Building	Weekly									
Air Compressor (Filters)	Change oil (or 500 op. hours) Check entire system for air leakage Tight fittings as necessary Check and clean valves Check PRV operation	Process Building	Quarterly									
Filter Gallery Sump Pump	Test for proper operation	Process Building	Monthly									
UV System	Visually inspect; check system faults and alarms; check that system is in REMOTE AUTO Inspect low water level sensor for debris and clean as necessary Clean weirs and remove debris	UV Room	Daily									
UV System	Clean channel as necessary	UV Room	Weekly									
UV System	Remove and clean lamp sleeves Check power cable strain relief for tightness Check seals	UV Room	Monthly									
UV System - Module	Remove module and replace lamps and sleeve o-ring seals (12,000 hours)	UV Room	Annually									

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RPBA Hotbox	Visually inspect, verify heater is operable during winter	Site	Weekly									
Laboratory Equipment	Follow manufacturer recommendations, maintain certifications, etc.	Laboratory	Annually									
Valves (all types)	Full open and close each valve to verify operation Visually inspect for leaks Check bolt tightness Visually inspect for proper operation	Sitewide	Semi-annually									
Smoke/CO Detectors	Test and clean	Sitewide	Annually									
Housekeeping	Perform a walk around of the entire facility looking for vandalism, breaches in security systems and maintenance needs. Clean or washdown process rooms, SBR walkways, etc. as needed.	Sitewide	Weekly									

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Collection System												
Mainline Valves	Exercise all mainline valves annually	Collections	Annually									
Fruit Packer Rinse Tanks	Pump out rinse tanks annually	Collections	Annually									
General System STEP Tanks	Pump out each on approximately a 10-year interval; pump out one tenth of all tanks annually	Collections	Annually									