

<b>DESCRIPTION:</b>	Zone 2. 6 Monthly Lubrication Maintenance	<b>FREQUENCY:</b>	6 Monthly
<b>LOCATION:</b>	ST22 Oxley Creek STP	<b>STD JOB ID:</b>	LTS050

<b>Spare Parts List</b>	<b>Maintenance Group</b>
Castrol AP3 grease	OCU #4 Induction Fans
Castrol Ultratak grease	DWAS Conveyors / Storage and Pumping
Castrol EPL2 grease	BFP Poly Batching
Castrol Alpha SP220 gear oil.	Import Bay Hydraulic Power Pack
Castrol Alpha 320	Centrifuge 3
Castrol Perfecto T68	Centrifuge Poly Batching
Castrol Hyspin HVI46	DDS Storage and Outloading
Mobil SHC 626	
<b>Procedural Steps</b>	
<b>Carbon Scrubber Unit 1 (Odour Control Unit #4)</b>	
Measure the pressure head loss across the activated carbon. If it is high, the carbon might have a high moisture content and the carbon may need replacing.	
Check the temperature of the activated carbon. Refer to manual if the temperature is high	
<b>Induction Fans:</b>	
Check for abnormal vibration or noise.	
Apply two (2) shots of Castrol AP3 grease to each grease nipple in fan bearing housings.	
Check the V-belt tension.	
Check V Belt condition.	
Visually inspect the fan impeller for cracking. Remove any residue build up on fan.	
Drain condensate form air ducting.	
Check air ducting for leaks, defects.	
Check carbon vessels for leaks, defects.	
Check pipe supports for defects.	
<b>DDS Storage and Outloading Conveyor Gearboxes</b>	
<b>DDS Centrifuge 3 Conveyor</b>	
Check gearmotor oil level. Top up with SP220 if required.	
<b>DDS Centrifuge 2 Conveyor</b>	
Check gearmotor oil level. Top up with SP220 if required.	
<b>DDS Silo Elevator Conveyor</b>	
Check gearmotor oil level. Top up with SP220 if required..	
<b>DDS Transfer Conveyor</b>	
Check gearmotor oil level. Top up with SP220 if required..	

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<b>DDS Collector Conveyors 1-6</b>
Check gearmotor oil level. Top up with SP220 if required.
<b>DDS Load Out Conveyor</b>
Check gearmotor oil level. Top up with SP220 if required..
<b>DDS Incline Load Out Conveyor</b>
Check gearmotor oil level. Top up with SP220 if required.
<b>DDS Truck Load Out Conveyor</b>
Check gearmotor oil level. Top up with SP220 if required..
<b>Bypass DWAS Bin Conveyors. Test run system after lubrication maintenance. Report faults.</b>
Grease Bypass Conveyor top and bottom rollers with Castrol AP3 grease
Check gearmotor oil level. Top up with SP220 if required.
Grease Bypass Outload Conveyor top and bottom rollers with Castrol AP3 grease
Check gearmotor oil level. Top up with SP220 if required.
Grease top bin conveyor bearings with Castrol AP3 grease.
Check gearmotor oil level. Top up with SP220 if required.
Grease bottom bin conveyor bearings with Castrol AP3 grease.
Check gearmotor oil level. Top up with SP220 if required.
<b>DWAS Conveyors / Storage and Pumping</b>
<b>Pulper Pump Gearboxes (2 of)</b>
Check oil level. Top up with SP220 if required.
<b>Pulper Pump Feed Screws Gearboxes (2 of)</b>
Sealed for life, check for leaks.
<b>DWAS Feed Conveyors Gearboxes (2 of)</b>
Check oil level. Top up with SP220 if required.
<b>DWAS Collector Conveyor 1 Gearbox</b>
Check oil level. Top up with SP220 if required.
<b>DWAS Transfer Conveyors Gearboxes (2 of)</b>
Check oil level. Top up with SP220 if required.

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<b>DWAS Bin Feed Conveyor Gearbox (1 of)</b>			
Check oil level. Top up with SP220 if required.			
<b>Sludge Import Conveyors Gearboxes (2 of)</b>			
Check oil level. Top up with SP220 if required.			
<b>BFP Poly Batching</b>			
<b>Screw Feeder Gearbox</b>			
Check gearbox for leakage. (Sealed fill for life unit with Synthetic Lube. No level check required)			
<b>Poly Mixer Gearbox</b>			
Check gearbox for leakage. (Sealed fill for life unit with Synthetic Lube. No level check required)			
<b>Poly Transfer Pump Gearbox</b>			
Check oil level. Top up with SP220 if required.			
<b>Poly Dosing Pumps (3 of)</b>			
Check gearbox for leakage. (Sealed fill for life unit with Synthetic Lube. No level check required)			
<b>Import Bay Hydraulic Power Pack</b>			
Check oil in sight glass. Top up with Hyspin HVI46 if required.			
<b>Import Bay Sump Pump</b>			
Check gearmotor oil level. Top up with SP220 if required.			
Check pump oil level. Top up with Perfecto T68 if required.			
<b>Centrifuge 3</b>			
Check oil level. Top up with Mobil SHC 626 if required.			
<b>Centrifuge Poly Batching</b>			
<b>Screw Feeder Gearbox</b>			
Check gearbox for leakage. (Sealed fill for life unit with Synthetic Lube. No level check required)			
<b>Poly Mixer Gearbox</b>			
Check gearbox for leakage. (Sealed fill for life unit with Synthetic Lube. No level check required)			
<b>Poly Transfer Pump Gearbox</b>			
Check oil level. Top up with SP220 if required.			
<b>Poly Dosing Pumps (3 of)</b>			
Check gearbox for leakage. (Sealed fill for life unit with Synthetic Lube. No level check required)			