

DESCRIPTION:	Zone 2. 12 Monthly Lubrication Maintenance	FREQUENCY:	12 Months
LOCATION:	ST22 Oxley Creek STP	STD JOB ID:	LTS055

Spare Parts List	Maintenance Group
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	
Procedural Steps	
Carbon Scrubber Unit 1 (Odour Control Unit #4)	
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	
Induction Fans:	
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.	
DDS Storage and Outloading Conveyor Gearboxes	
DDS Centrifuge 3 Conveyor	
Drain oil and refill with SP220.	
DDS Centrifuge 2 Conveyor	
Drain oil and refill with SP220.	
DDS Silo Elevator Conveyor	
Drain oil and refill with SP220.	
DDS Transfer Conveyor	
Drain oil and refill with SP220.	

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

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DWAS Bin Feed Conveyors Gearboxes (2 of)
Drain oil and refill with SP220.
Sludge Import Conveyors Gearboxes (2 of)
Drain oil and refill with SP220.
BFP Poly Batching
Screw Feeder Gearbox
Check gearbox for leakage. (Sealed fill for life unit with Synthetic Lube. No change required)
Poly Mixer Gearbox
Check gearbox for leakage. (Sealed fill for life unit with Synthetic Lube. No change required)
Poly Transfer Pump Gearbox
Drain oil and refill with SP220.
Poly Dosing Pumps (3 of)
Check gearbox for leakage. (Sealed fill for life unit with Synthetic Lube. No change required)
Import Bay Hydraulic Power Pack
Drain oil and refill with Hyspin HVI46.
Replace filter and clean strainer.
Import Bay Sump Pump
Change gearmotor oil with SP220. Change pump oil with Perfecto T68.
Centrifuge 3
Check oil level. Top up with Mobil SHC 626 if required.
Centrifuge Poly Batching
Screw Feeder Gearbox
Check gearbox for leakage. (Sealed fill for life unit with Synthetic Lube. No change required)
Poly Mixer Gearbox
Check gearbox for leakage. (Sealed fill for life unit with Synthetic Lube. No change required)
Poly Transfer Pump Gearbox
Check oil level. Top up with SP220 if required.
Poly Dosing Pumps (3 of)
Check gearbox for leakage. (Sealed fill for life unit with Synthetic Lube. No change required)