

DESCRIPTION:	Zone 3. 12 Monthly Lubrication Maintenance	FREQUENCY:	12 Monthly
LOCATION:	ST033 Wacol STP		

Grease and Oil required:	Maintenance Group
Castrol EPL2 Grease	Supernatant Pump Station
Castrol Alpha SP220	Thickened Sludge Pump Station
Castrol Mollub Alloy 936SF Open Gear Grease	Picket Fence Thickeners
Castrol White Oil BP15	Final Settling Tanks
Mobil 1 15W/40	Flow Splitter
	Service Water Pump Station
	Sump Pumps No.4, 5, 6, 7, 8 and 9
References	
Procedural Steps	
Supernatant Pump Station (2 pumps)	
Lift each pump, drain oil and replace with White oil. Check wear ring gap and replace if necessary.	
Thickened Sludge Pump Station (2 pumps)	
Drain gearbox oil and replace with SP220.	
Lubricate valve spindles with Mollub Alloy 936SF.	
Picket Fence Thickeners 1 and 2	
Lubricate wheel bearings with 8 shots of EPL2 grease	
Lubricate centre bearings with 8 shots of EPL2 grease.	
Drain primary and secondary gearbox oil and replace with SP220.	
Final Settling Tanks 1 to 4	
Lubricate wheel bearings with 8 shots of EPL2 grease	
Lubricate centre bearings with 8 shots of EPL2 grease.	
Drain bridge drive gearbox oil and replace with SP220.	
Lubricate updraught tube trough valve spindles with Mollub Alloy 936SF	
Drain scum pump gearbox oil and replace with SP220.	
Remove compressors (4) belt guard and check condition of belt and pulleys.	
If condition of belt is such it is not likely to last until next inspection (3 months) then organize belt replacement under separate work order.	
Replace oil in each Updraught Tube compressors (4) with Mobil 1 (15W/40) if required.	
Replace air filter in each Updraught Tube compressors (4).	
Flow Splitter	
Lubricate valve spindles with Mollub Alloy 936SF.	

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	Service Water Pump Station (3 Submersibles)
	Lift each pump, drain oil and replace with White oil. Check wear ring gap, impellor and volute wear.
	Sump Pumps No.4, 5, 6, 7, 8 and 9
	Drain oil and replace with White oil. Check wear ring gap, impellor and volute wear.