

DESCRIPTION:	Zone 2. 12 Monthly Lubrication Maintenance	FREQUENCY:	12 Monthly
LOCATION:	ST33 Wacol STP	STD JOB ID:	LTS079
	Grease and Oil required:	Maintenance Group	
	Castrol AP3 Grease	Aeration Blowers	
	Castrol Mollub Alloy 936SF Open Gear Grease	RAS Pump Station	
	Castrol EPX 80W-90 oil	Bioreactors	
	Castrol White Oil	Valve Pits	
	Mobil SHC624 synthetic oil	Sump Pumps No.2 & 3	
	Parts / Materials		
	Inlet filter mesh AES Environmental (WMK10 cut media pads 1880mm x 630mm)		
	References		
	Procedural Steps		
	Aeration Blowers No.1 to 3		
	Check the oil level of each blower unit. If necessary top up with Mobil SHC 624		
	Note:- Oil Level To Be In Line With Max - Level Mark On The Sight Glass		
	Note:- The Marked Oil Levels On The Sight Glass Apply For Oil During Operation		
	Replace inlet air filter.		
	RAS Pump Station		
	Lift each RAS Pump (3 off), drain and replace oil with White Oil.		
	Check wear ring gap and replace wear rings if necessary		
	Check impellor and volute for wear.		
	RAS Valve Pit		
	Lubricate valve spindles with Mollub Alloy 936SF		
	Bioreactor 1		
	Lubricate outlet valve spindle with Mollub Alloy 936SF		
	Lubricate actuator top bearing with 2 shots of AP3 grease.		
	Check actuator gearbox oil level. Top up with EPX 80W-90 oil if necessary.		
	Bioreactor 2		
	Lubricate outlet valve spindle with Mollub Alloy 936SF		
	Lubricate actuator top bearing with 2 shots of AP3 grease.		
	Check actuator gearbox oil level. Top up with EPX 80W-90 oil if necessary.		
	Valve Spindles		
	Lubricate all valve spindles in pits around and between the Bioreactors and the Contact Tank Mollub Alloy 936SF		
	Sump Pump No.2 & 3		
	Drain oil and replace with White oil. Check wear ring gap and replace if necessary.		
	Check impellor and volute for wear.		