

DESCRIPTION:	Zone 2. 3 Monthly Lubrication Maintenance	FREQUENCY:	3 Monthly
LOCATION:	ST33 Wacol STP	JOB PLAN ID:	LTS071

	Grease and Oil required:	Maintenance Group
	Castrol AP3 Grease	Aeration Blowers
	Castrol Mollub Alloy 936SF Open Gear Grease	RAS Pump Station
	Mobil SHC624 synthetic oil	Bioreactors
		Valve Pits
	Mobil SHC 624 Oil (oil type cannot be changed, Mobil is the only manufacturer of this type of oil)	
	Parts / Materials	
	Inlet filter mesh AES Environmental (WMK10 cut media pads 1880mm x 630mm)	
	References	
	Procedural Steps	
	Aeration Blowers No.1 to 3	
	Replace inlet air filter.	
	Check the oil level of each blower unit.	
	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	
	If necessary top up with Mobil SHC 624	
	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.	
	Bioreactor 2	
	Lubricate outlet valve spindle with Mollub Alloy 936SF	
	Lubricate actuator top bearing with 2 shots of AP3 grease.	
	Valve Spindles	
	Lubricate all valve spindles in pits around and between the Bios and the Contact Tank with Mollub Alloy 936SF	