

DESCRIPTION:	3 Monthly Plant Lubrication	FREQUENCY:	3 Monthly
LOCATION:	Bundamba Sewerage Treatment Plant	STANDARD JOB No.:	LTS334

	Tools & Equipment
	Spare Parts/Materials List
	EPL2 grease
	LMX Grease
	Ultratak Grease
	Castrol AP3
	Reference
	Follow correct shut down procedures before working on any equipment.
	Maintenance Group
	Aeration Tank 5
	Aeration Tank 4
	Aeration Tank 3
	Anaerobic Tank 3
	Anaerobic Tank 4
	Anaerobic Tank 5
	WAS Pump 1
	WAS Pump 2
	Secondary Settling Tank 4
	ASR Pump Station 1 Rag Rake
	Inlet Bypass Penstock and Actuator
	Step Screens
	Horizontal Screens Conveyor
	Incline Grit Conveyor
	Ground Floor Grit Conveyor
	Secondary Settling Tank 1
	Secondary Settling Tank 2
	Secondary Settling Tank 3
	Sludge Conveyors
	Belt Filter Press / Gravity Drainage Deck 1
	Belt Filter Press / Gravity Drainage Deck 2
	Procedural Steps
	Before isolating any equipment where possible observe in running condition. Check for correct operation.

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Aeration Tank 5
Grease penstock spindles with LMX Grease.
Aeration Tank 4
Grease penstock spindles with LMX Grease.
Aeration Tank 3
Grease penstock spindles with LMX Grease.
Anaerobic Tank 3
Grease penstock spindles with LMX Grease.
Anaerobic Tank 4
Grease penstock spindles with LMX Grease.
Anaerobic Tank 5
Grease penstock spindles with LMX Grease.
WAS Pump 1
Grease motor bearings with 10 shots of Shell Gadus S2 V100 2
***** Ensure that the grease exit ports are opened during lubrication*****
WAS Pump 2
Grease motor bearings with 10 shots of Shell Gadus S2 V100 2
***** Ensure that the grease exit ports are opened during lubrication*****
Secondary Settling Tank 4
Apply EPL2 grease to centre column, drive and idle wheel bearings.
ASR Pump Station 1 Rag Rake
Apply LMX grease to greasing points.

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	Inlet Bypass Penstock and Actuator
	Apply LMX grease to bearing and spindle.
	Step Screens
	Apply Castrol Ultratak grease.
	Horizontal Screens Conveyor
	Apply 2 shots of Castrol LMX grease to stuffing box / labyrinth seal.
	Incline Grit Conveyor
	Apply 2 shots of Castrol LMX grease to stuffing box / labyrinth seal.
	Ground Floor Grit Conveyor
	Apply 2 shots of Castrol LMX grease to stuffing box / labyrinth seal.
	Secondary Settling Tank 1
	Apply EPL2 grease to centre column, drive and idle wheel bearings.
	Secondary Settling Tank 2
	Apply EPL2 grease to centre column, drive and idle wheel bearings.
	Secondary Settling Tank 3
	Apply EPL2 grease to centre column, drive and idle wheel bearings.
	Sludge Out loading Conveyors (Incline conveyors at ground and 2nd level)
	Apply 2 shots of Castrol LMX grease to stuffing box / labyrinth seal.
	Horizontal Conveyor (in BFP Room)
	Apply 2 shots of Castrol LMX grease to stuffing box / labyrinth seal.
	Macerator
	Apply Castrol AP3 grease to grease nipple below drive gearbox.

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	Belt Filter Press / Gravity Drainage Deck 1
	Check all auto lube canisters. Top up or replace as required.
	Belt Filter Press / Gravity Drainage Deck 2
	Check all auto lube canisters. Top up or replace as required.