

DESCRIPTION:	6 Monthly Zone 2 Lubrication and Service	FREQUENCY:	6 Months
LOCATION:	Bundamba Sewerage Treatment Plant	STANDARD JOB No.:	LTS302

Tools & Equipment
Spare Parts/Materials List
Castrol LMX Grease
Castrol EPL2 Grease
Castrol SP220 oil
Castrol Ultratak
Castrol Optilube Longtime PD2
Reference
Maintenance Group
Secondary Settling Tank 4
ASR Pump Station 1 Rag Rake
Inlet Bypass Penstock and Actuator
Grit Mixers
Step Screens
Procedural Steps
Before isolating any equipment where possible observe in running condition. Check for correct operation.
Secondary Settling Tank 4
Run bridge and check:
Drive gearbox for leaks / noise / vibration
Drive Wheel and idle wheel for bearing noise / de-lamination
Centre Column Bearing for noise / vibration
Scum Scraper for damage
Scraper support chains , shackles and mounting points for defects
Run launder spray pump and check spray operation
Apply EPL2 grease to centre column, drive and idle wheel bearings.
Check all grease lines and grease nipples for defects.
Isolate bridge and perform lube maintenance:
Check bridge drive primary /secondary gearbox oil levels and for contamination. Top up as required with SP220.
Jack up bridge and check drive and idle wheel bearings for play in housing and/or shaft.
Check drive and idle wheels are secure on shaft.

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