

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

1 (	pols & Equipment	
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	pare Parts/Materials List	
	astrol LMX Grease	
	astrol EPL2 Grease	
	astrol SP220 oil	
C	Castrol Ultratak	
C	astrol Optilube Longtime PD2	
R	eference	
_		
	aintenance Group	
	econdary Settling Tank 4	
	SR Pump Station 1 Rag Rake	
	let Bypass Penstock and Actuator	
G	rit Mixers	
St	tep Screens	
Pı	rocedural Steps	
В	efore isolating any equipment where possible observe in running condition. Check for correct operation	
Se	econdary Settling Tank 4	
	un bridge and check:	
Di	rive gearbox for leaks / noise / vibration	
	rive Wheel and idle wheel for bearing noise / de-lamination	
	entre Column Bearing for noise / vibration	
	cum Scraper for damage	
	craper support chains , shackles and mounting points for defects	
	un launder spray pump and check spray operation	
	oply EPL2 grease to centre column, drive and idle wheel bearings.	
	heck all grease lines and grease nipples for defects.	
	olate bridge and perform lube maintenance:	
	heck bridge drive primary /secondary gearbox oil levels and for contamination. Top up as required with SP220	
	ack up bridge and check drive and idle wheel bearings for play in housing and/or shaft.	
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AOD D. O. C. A.D. D. I.
ASR Pump Station 1 Rag Rake
Run Rag Rake and check:
Rag rake operation and framework for defects
Rag rake chain, sprockets and rake for defects
Apply LMX grease to greasing points.
Check Rag Rake drive primary /secondary gearbox oil level and for contamination. Top up as required with SP220.
Lubricate drive chain with LMX grease.
Inlet Bypass Penstock and Actuator
Apply LMX grease to bearing and spindle.
Check all grease lines and grease nipples for defects.
Step Screens
Apply Castrol Optilube Longtime PD2 grease. (Morey EP-MP2 Super Red)
Check Step Screens drive gearboxes oil level and for contamination.
Change / Top up as required with SP220.
Check for misalignment and jamming.

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