

| DESCRIPTION: | 12 Monthly Zone 2 Lubrication and Service | FREQUENCY:        | 12 Months |
|--------------|---|-------------------|-----------|
| LOCATION:    | Bundamba Sewerage Treatment Plant         | STANDARD JOB No.: | LTS303    |

|   | Tools & Equipment   |
|---|---|
| _ |   |
| • | Sparo Parts/Matorials List  |
| - | Spare Parts/Materials List  |
| _ | Castrol LMX Grease  |
|   | Castrol EPL2 Grease   |
|   | Castrol SP220 oil   |
| ( | Castrol White Oil 15 BP   |
| F | Reference   |
| _ | Maintenance Group   |
|   | Secondary Settling Tank 4   |
|   | ASR Pump Station 1 Rag Rake   |
|   | nlet Bypass Penstock and Actuator   |
|   | Grit Mixers   |
|   | Procedural Steps  |
| E | Before isolating any equipment where possible observe in running condition. Check for correct operati |
|   |   |
| ξ | Secondary Settling Tank 4   |
| F | Run bridge and check:   |
|   | Orive gearbox for leaks / noise / vibration   |
|   | Drive Wheel and idle wheel for bearing noise / de-lamination  |
| ( | Centre Column Bearing for noise / vibration   |
| ς | Scum Scraper for damage   |
| ς | Scraper support chains, shackles and mounting points for defects                                      |
| F | 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.  |
| ı | solate bridge and perform lube maintenance:   |
| • | Change bridge drive primary /secondary gearbox oil with SP220.  |
|   |   |
| ( | Jack up bridge and check drive and idle wheel bearings for play in housing and/or shaft.              |

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| 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 the 6 greasing points.                       |
| Change Rag Rake drive primary /secondary gearbox oil 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.           |
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|  |
| Grit Mixers  |
| Lift each mixer and change oil with White Oil 15 BP.             |
| Check overall condition of mixer and blade.                      |
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