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|---------------------|---|---------------------|------------|
| <b>DESCRIPTION:</b> | 12 Monthly Zone 3 Lubrication Maintenance | <b>FREQUENCY :</b>  | 12 Monthly |
| <b>LOCATION :</b>   | ST32 Gibson Island STP                    | <b>STD JOB ID :</b> | LTS069     |

| <b>Grease and Oils Required</b>   | <b>Maintenance Group</b> |
|---|--------------------------|
| Castrol AP3 Grease  | TWAS Pumps               |
| Castrol EPL2 Grease   | Thickener Tanks          |
| Castrol ALPHA SP220   | Bioreactors              |
| Castrol Mollub Alloy 936SF Open Gear Grease   | Scum Harvesters          |
|   | RAS Pump Station         |
|   |                          |
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|   |                          |
| <b>Reference</b>  |                          |
|   |                          |
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| <b>TWAS Pumps No's 1&amp;2</b>  |                          |
| Drain pump drive gearbox oils. Replace with ALPHA SP220   |                          |
| Check drive coupling condition.   |                          |
|   |                          |
|   |                          |
| <b>Thickener Tank No's 1 &amp; 2</b>  |                          |
| Grease each bridge wheel bearing with 4 shots of EPL2 grease. 2 bearings per wheel                |                          |
| Grease centre column bearings with 4 shots of EPL2 grease to each nipple.                         |                          |
| Greasing block located on the floor directly in front of switchboard in the centre of the bridge. |                          |
| Drain bridge drive primary and secondary gearbox oils. Replace with ALPHA SP220                   |                          |
| Check drive coupling condition.   |                          |
| Lubricate chain drive with Mollub Alloy grease.   |                          |
|   |                          |
|   |                          |
| <b>Landox Mixers No's 1- 6</b>  |                          |
| Take oil sample and send for analysis. Top up as required with ALPHA SP220.                       |                          |
| Submit oil analysis report to QUU attached to check sheet.  |                          |
| Grease motor bearings with 2 pumps of AP3 grease  |                          |
|   |                          |
|   |                          |
| <b>Scum Harvesters</b>  |                          |
| Grease Conveyor drive end bearings with EPL2 grease   |                          |
| Drain conveyor drive gearbox oils. Replace with ALPHA SP220                                       |                          |
| Drain pump drive gearbox oils. Replace with ALPHA SP220   |                          |
|   |                          |
|   |                          |
| <b>RAS Pumps</b>  |                          |
| Grease all 3 RAS pumps with Castrol AP3 Grease.   |                          |
|   |                          |
|   |                          |
| <b>RAS Pump Station</b>   |                          |
| Lubricate knife gate valve spindles (6 off) with Mollub Alloy 936SF Open Gear Grease              |                          |
|   |                          |