

<b>DESCRIPTION:</b>	Major Zone 1 Lubrication and Service	<b>FREQUENCY:</b>	12 Months
<b>LOCATION:</b>	Gatton Sewerage Treatment Plant	<b>STANDARD JOB No.:</b>	LTS502

<b>Tools &amp; Equipment</b>			
<b>Spare Parts/Materials List</b>			
Castrol LMX Grease			
Castrol SP220 Oil			
Castrol Alphasyn EP220 Oil			
CRC Tac2 Adhesive Lubricant			
<b>Septage Receival Pump.</b> Drive Belts: Pullies: Seals: Bearings:			
<b>Screens Belts Conveyor.</b> Idle rollers:			
<b>Primary Tank Scum Pump.</b> Drive Belts: Pullies: Seals: Bearings:			
<b>Primary Settling Tank.</b> Wheel Bearings: Centre Pivot Bearing:			
<b>Reference</b>			
<b>Maintenance Group</b>			
Septage Receival Pump Station			
Screens Complex			
Primary Tank Scum Pump			
Primary Settling Tank			
<b>Procedural Steps</b>			
<b>Before isolating any equipment, where possible observe in running condition. Check for correct operation.</b>			
<b>Septage Receival Pump Station</b>			
Remove Septage Receival Pump element and check impeller wear and backing plate wear.			
Change oil in pump element with SP220.			
Refit pump element with minimal clearance between impeller and backing plate.			
Check drive belt and pulley condition.			
Check operation of isolation valves.			
Remove check valve covers and check internal condition.			
Check all bolts. Tighten as necessary.			

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	<b>Screens Complex</b>
	Apply 2 shots of LMX grease to each of the 6 grease points on the Rake Screen pivot mechanism.
	Change oil in Rake Screen gearbox with SP220.
	Check operation of rake mechanism and mesh of the rake in the bar screen during test run.
	Check operation on Belt Conveyor and belt tracking. Adjust if required.
	Check Belt Conveyor idle rollers.
	Check conveyor belt condition.
	Check all bolts. Tighten as necessary.
	Check operation of all associated valving.
	<b>Primary Tank Scum Pump Station</b>
	Remove Scum Pump element and check impeller wear and backing plate wear.
	Change oil in pump element with SP220.
	Refit pump element with minimal clearance between impeller and backing plate.
	Check drive belt and pulley condition.
	Check operation of isolation valves.
	Remove check valve covers and check internal condition.
	Check all bolts. Tighten as necessary.
	<b>Primary Settling Tank</b>
	Check bridge wheels bearings condition.
	Check bridge wheels for delamination of linings.
	Apply 2 shots of LMX grease to Primary Tank Bridge wheels and centre pivot bearing.
	Change oil in Primary Tank Bridge gearbox with SP220.