

 DESCRIPTION:
 6 Monthly Zone 1 Lubrication Maintenance.
 FREQUENCY:
 6 Monthly

 LOCATION:
 ST22 Oxley Creek STP
 STD JOB ID:
 LTS049

Grease and Oils required:	Zone 1 Maintenance Group
Castrol EPL2 Grease	Final Settling Tanks 9 to 13
Castrol AP3 Grease	Final Settling Tank Scum Pumps
Castrol Perfecto T68	RAS Pump Stations
Castrol SP220 Oil:	Flow Splitter
Approx. twenty three (23) litres per gearmotor	- RAS Flowmeter Pit
Approx. six (6) litres per Scum Pump timing gear chamb	er WAS Pump Station
Castrol White Oil 15BP:	Anarobic Tank Waste Water Drain Valve
1 litre per Scum pump intermediate chamber	Anarobic Tank Bypass Valve
	Scum Harvester 5&6
	Aeration Blowers 7 to 10
Procedural Steps	
Final Settling Tanks 9 to 13	<u> </u>
apply (8) shots of Shell EPL2 grease to the centre slewing in	
Apply (8) shots of Shell AP3 grease to the centre pivot shaft	··
Apply (8) shots of Shell AP3 grease to the drive wheel bear	
Apply (8) shots of Shell AP3 grease to the idler wheel bearing	ng housings.
Check gearmotor oil level. Top up with SP220 if required.	
Scum Pumps	
Check intermediate chamber oil level. Top up with White Oi	l if required.
Check timing gear oil level. Top up with SP220 if required.	
Check gearmotor oil level. Top up with SP220 if required.	
RAS Pump Station	
Apply grease to knifegate valve spindles and operate a few	turns to grease inside drive nut.
ipply ground to this space to the space and special a re-	
	spindle.
Before applying new grease remove clean old grease from subset of the second sec	•
Before applying new grease remove clean old grease from Use AP3 grease. Grease nipple located in housing around of	•
Before applying new grease remove clean old grease from a Jse AP3 grease. Grease nipple located in housing around of Flow Splitter	drive nut.
Before applying new grease remove clean old grease from	drive nut. turns to grease inside drive nut.
Before applying new grease remove clean old grease from Use AP3 grease. Grease nipple located in housing around of Flow Splitter Apply grease to knifegate valve spindles and operate a few	drive nut. turns to grease inside drive nut.
Before applying new grease remove clean old grease from Use AP3 grease. Grease nipple located in housing around of Flow Splitter Apply grease to knifegate valve spindles and operate a few Before applying new grease remove clean old grease from the spindles are specified in the spindles are specified in the spindles and operate a few Before applying new grease remove clean old grease from the spindles are specified in the spindles are spindles are spindles are specified in the spindles are specified in the spind	turns to grease inside drive nut.

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WAS Pump Station
Apply grease to knifegate valve spindles and operate a few turns to grease inside drive nut.
Before applying new grease remove clean old grease from spindle.
Anarobic Tank Waste Water Drain Valve
Apply grease to knifegate valve spindles and operate a few turns to grease inside drive nut.
Before applying new grease remove clean old grease from spindle.
Check with operations before opening or closing this valve.
Anarobic Tank Bypass Valve. (SN: 4162-26)
Apply grease to knifegate valve spindles and operate a few turns to grease inside drive nut.
Before applying new grease remove clean old grease from spindle.
Check with operations before opening or closing this valve.
Scum Harvester 5 & 6
Visually inspect the scum harvester chain tension. Should read 12 bar (175 psi)
Apply EPL2 grease until the gauges read 175 psi.
Apply (8) shots of AP3 grease to the paddle assembly drive shaft bearings.
Check Scum Pump gearmotor oil level. Top up with SP220 if required.
Check paddle drive gearmotor oil level. Top up with SP220 if required.
Aeration Blowers 7 to 10
Check condition of inlet filters on each Blower.

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