

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 chamber	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	
Apply (8) shots of Shell EPL2 grease to the centre slewing ring bearing grease nipple.	
Apply (8) shots of Shell AP3 grease to the centre pivot shafts grease nipples.	
Apply (8) shots of Shell AP3 grease to the drive wheel bearing housings.	
Apply (8) shots of Shell AP3 grease to the idler wheel bearing housings.	
Check gearmotor oil level. Top up with SP220 if required.	
Scum Pumps	
Check intermediate chamber oil level. Top up with White Oil 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.	
Before applying new grease remove clean old grease from spindle.	
Use AP3 grease. Grease nipple located in housing around drive nut.	
Flow Splitter	
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.	
RAS Flow Meter Pit	
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.	

