

DESCRIPTION:	Zone 1. 12 Monthly Lubrication Maintenance	FREQUENCY:	12 Monthly
LOCATION:	ST33 Wacol STP	STD JOB ID:	LTS078

	Grease and Oil required:	Maintenance Group
	Castrol EPL2 Grease	Rotary Drum Screens
	Castrol AP3 Grease	Grit Paddles and Pumps
	Castrol Alpha SP220 gear oil.	Screw Press
	Castrol Alpha SP460	Internal Pump Station
		Sump Pump No.1
		Grit Conveyor
		Grit Classifier (Hooper)
	References	
	Procedural Steps	
	Rotary Drum Screens (3 of)	
	Check auto greasers for trunion wheels. Top up if required with EPL2.	
	(Grease canisters located at drive end.)	
	Check drive chain oil reservoir and top up if required with Alpha SP460	
	Drain drive gearbox oils and replace with SP220.	
	Lubricate Rotork isolation valve stems with Mollub Alloy 936SF grease.	
	Grit Chambers and Grit Pumps	
	Drain Grit Chamber 1&2 Paddle Drive primary and secondary gearbox oils and replace with SP220.	
	Lubricate Grit Pumps 1&2 motor bearings with 2 shots of AP3 grease.	
	Screw Presses (3 of)	
	Drain Screw Press gearbox oil. Replace with SP220.	
	Lubricate gland stuffing box with Castrol AP3 grease.	
	Check perforated screen for holes or damage.	
	Check that sprays are cleaning the screen and clean spray nozzles.	
	Check conveyor liner or wear strips for wear.	
	Check conveyor spiral for wear.	
	Internal Pump Station	
	Lift each pump, drain and replace oil with White Oil.	
	Check wear ring gaps and replace wear rings if necessary.	
	Check impellor and volute for wear.	

DESCRIPTION:	Zone 1. 12 Monthly Lubrication Maintenance	FREQUENCY:	12 Monthly
LOCATION:	ST33 Wacol STP	STD JOB ID:	LTS078
	Sump Pump No.1		
	Drain and replace oil with White Oil.		
	Check wear ring gap.		
	Grit Conveyor (working at heights equipment required)		
	Check Drive Unit for leaks.		
	Replace Grit Conveyor Drive Unit oil level with SP220.		
	Lubricate gland stuffing box with Castrol AP3 grease.		
	Check Drive Unit for abnormal noise and/or vibration		
	Grit Classifier (Hooper) (working at heights equipment required)		
	Carry out internal inspection of Grit Classifier (hopper).		
	1. Shut off the inlet flow valves.		
	2. Turn the Grit Washer main power supply switch OFF.		
	3. Tag out the machine and verify it will not start while cleaning.		
	4. Completely drain the hopper and screw conveyor.		
	5. Inspect the walls of the hopper and verify no excessive wear or corrosion has occurred.		
	6. Close the access hatches, turn the power back on and reopen the inlet flow valves.		
	Replace oil in drive unit with SP220		