

DESCRIPTION:	12M Zone 1 Lubrication and Service	FREQUENCY:	12 Months
LOCATION:	ST02 Fairfield STP	STD JOB ID:	LTS088

	Grease and Oil required:	Maintenance Group
	Castrol EPX 80W-90 oil	Sewer Pump Station
	Castrol SP220 Oil	Grit Pump
	Castrol Perfecto T68	Grit Classifier
	Castrol Ultratak Grease	Grit Vortex Paddle
	Castrol Optimol Longtime PD2	Membrane Feed Pumps (4)
	Castrol White Oil 15 BP	Permeate Pumps
	Castrol Fork Oil 15W (ISO VG Class 46)	
	Polyrex EM (Mobil Exxon)	
	Polyrex EM (Mobil Exxon) Obtain from: East Coast Lubes (07) 3216 4644 This grease must be used for the Grit Pump Motor.	
	Reference	
	Procedural Steps	
	Sewer Pump Station	
	Lubricate Dry Well isolation valve spindles with Ultratak grease. Operate valve to ensure smooth operation.	
	Lubricate Wet Well rotork actuator uni joints with Ultratak grease.	
	Grit Pump	
	Grease motor with Polyrex EM grease. Use a low pressure grease gun. Remove grease relief plugs and apply 5 shots of grease to the top bearing and 10 shots of grease to the bottom bearing. Run the pump for 10 minutes before replacing the relief plugs.	
	Grit Classifier Conveyor	
	Drain and refill conveyor gearbox with SP220	
	Grease upper conveyor bearing with 4 shots of Ultratak grease	
	Grease lower conveyor bearing with 4 shots of Optimol Longtime PD2 grease.	
	Check conveyor liner for wear.	
	Measure conveyor screw diameter.	
	Check conveyor trough welds , supports and mountings for defects.	
	Grit Vortex Paddle	
	Drain gear reducer oil and replace with SP220.	
	Drain turn table bearing oil and replace with Perfecto T68.	

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