

DESCRIPTION:	6M Zone 1 Lubrication and Service	FREQUENCY:	6 Months
LOCATION:	ST02 Fairfield Water Reclamation Plant	JOB PLAN ID:	LTS087

	Grease and Oil required:	Maintenance Group
	Castrol SP220 Oil	Sewer Pump Station
	Castrol Perfecto T68	Grit Pump
	Castrol AP3 Grease	Grit Classifier
	Castrol EPL2 Grease	Grit Vortex Paddle
	Castrol White Oil 15 BP	Permeate Pumps
	Castrol Optimol Longtime PD2	
	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	
	Check Conveyor drive gearbox oil level. Top up with SP220 if required.	
	Grease upper conveyor bearing with 4 shots of Ultratak grease	
	Grease lower conveyor bearing with 4 shots of Optimol Longtime PD2 grease.	
	Grit Vortex Paddle	
	Check gear reducer oil level. Top up with SP220 if required.	
	Check turn table bearing oil level. Top up with Perfecto T68 if required.	
	Permeate Pumps (4 off)	
	Check pump intermediate chamber oil level. Top up with Perfecto T68 if required.	
	Check pump timing gear chamber oil level. Top up with SP220 if required.	
	Check gearbox oil level. Top up with SP220 if required.	