

DESCRIPTION:	Major Lubrication and Service	FREQUENCY:	12 Months
LOCATION:	Forest Hill Sewerage Treatment Plant	STANDARD JOB No.:	LTS511

Tools & Equipment
Spare Parts/Materials List
Schaeffer's #221 Moly Ultra EP grease or equivalent
Schaeffer's 209A ISO 220 oil or equivalent
Lubrimatic/Witco Corporation N11402 marine corrosion control grease or equivalent
Reference
Follow correct shut down procedures before working on any equipment.
O & M Manual Submittal Package 5HP Floating Brush Aerator – Forest Hill STP Aerator
O & M Manual Class I Tornado Aspirating Aerator
Maintenance Group
Lagoon Aerator
Sodium Hypochlorite Dosing Pump
Procedural Steps
Before isolating any equipment, where possible observe in running condition. Check for correct operation.
2 different types of aerators are utilised on site. Only 1 type may be operational at any given time.
5HP Floating Brush Aerator
Fafnir Stainless Steel, Enclosed Tail-Bearing
Apply 8 to 9 shots of Schaeffer's #221 Moly Ultra EP grease into the grease nipple located on the outside cover of the enclosed Tail- Bearing. Visually inspect the bearing to insure the shaft is aligned in the centre of the bearing.
Visually check for any debris around the seal, clear any debris. If auto lube fitted, refill.
Dodge Gear Reducer
Carry out oil change with Schaeffer's 209A ISO 220. You should put 5 pints of oil in the TA2 gear reducer model used on the 5hp aerators.

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