

DESCRIPTION:	Major Zone 1 Lubrication Maintenance	FREQUENCY :	12 Monthly
LOCATION :	Aratula Sewerage Treatment Plant	STANDARD JOB No.:	LTS716

Tools & Equipment
Spare Parts/Materials List
Castrol Whitemor WOM 14
Reference
Maintenance Group
Sewerage Pump Station
Procedural Steps
Before isolating any equipment, where possible observe in running condition. Check for correct operation.
Sewerage Pump Station
While each pump is running
Check pump 1 for noise and vibration
Check pump 2 for noise and vibration
Visual check on pump 1 volute to footing sealing point for leaks.
Visual check on pump 2 volute to footing sealing point for leaks.
Remove pump 1
Check condition of lifting chain, shackles, guide rails and bracket.
Remove pump, separate pump element from volute and check condition of impeller, wear rings and volute.
Replace oil checking for contamination. Castrol Whitemor WOM 14
Replace, checking pump has correctly sealed.
Check isolation valve for leaks and freedom of movement.
Carry out internal inspection of non-return checking any wear and correct operation.
Remove pump 2
Check condition of lifting chain, shackles, guide rails and bracket.
Remove pump, separate pump element from volute and check condition of impeller, wear rings and volute.
Replace oil checking for contamination. Castrol Whitemor WOM 14
Replace, checking pump has correctly sealed.
Check isolation valve for leaks and freedom of movement.
Carry out internal inspection of non-return checking any wear and correct operation.