

DESCRIPTION:	6 Monthly Zone 3 Lubrication and Service	FREQUENCY:	6 Months
LOCATION:	Goodna Sewerage Treatment Plant	STANDARD JOB No.:	LTS329

1	ools & Equipment
_	
	pare Parts/Materials List
_	Castrol EPL2 Grease
	Castrol Whitemor WOM 14
	Castrol AP3 Grease
<u>C</u>	Castrol Ultratak
_	
	Reference
	follow correct shut down procedures before working on any equipment.
	Goodna Sludge Dewatering Plant Operation & Maintenance Manual Volume 1 May 2008
S	ection 7 Maintenance & Section 8 Lubrication Schedule
V	laintenance Group
	FP Wash Water Pumps
	iludge Hopper
	Macerator
_	iludge Feed Pumps
	ludge Buffer Tank (WAS) Mixer
	Gravity Deck & Belt Press No.1
	Gravity Deck & Belt Press No.2
	oly Mixing Unit No.1
	Poly Mixing Unit No.2
	ervice Water Pumps and Storage Tanks
	ir Treatment Facility (ATF) Feed Pumps
Ρ	rocedural Steps:
* E	Before isolating any equipment where possible observe in running condition. Check for correct operat
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_	
В	elt Press Wash Water Pump Station
ln	nspect Belt Press Facility Effluent pumps for noise, leaks and vibration.
<u></u>	check valves and pipe work for leaks and defects.
С	check pumps base, frame and cover for defects and corrosion.

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Goodha Sewerage Treatment Frant	STANDARD JOB No.:				
r – Scissor Lift Required					
	d Horizontal Reversing Cor	veyors.			
Check Drive Gearmotors oil level and for contamination on above conveyors. Top up if required.					
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	ates conical outlets.				
ase to Clam Shell grease lines.					
Is are free from build-up of dirt and debris.					
atic rams for leaks and general appearance, includes	mountings.				
bnormal noises and vibration					
rk and valving for leaks and defects.					
ners and for leaks.					
oil level and for contamination. Top up if required.					
greasing point					
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Feed pumps for noise, leaks and vibration.					
rk and valving for leaks and defects.					
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Tank (DWAS) Mixer					
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DESCRIPTION:	6 Monthly Zone 3 Lubrication and Service	FREQUENCY:	6 Months
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Belt Press No.	2				
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Check spray ba	r operation.				
Check wear on	spray pipe brush.				
Check roller be	aring seals.				
Check condition	of roller bearings				
Check condition	of rollers				
Clean inside be	It washing box.				
Check tracking	devices.				
Check belt wea	r.				
Check Drive Ge	armotor oil level an	d for contamination	. Top up if requi	ed.	
Check Mixer Ge	earbox oil level and	for contamination.	op up if require	d.	
Check all greas	e lines, grease nipp	les and automatic g	reasers for defe	cts & level.	
Top up auto gre	asers if required wit	h Ultratak grease			
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Check Conveyo	r Drive Gearmotor	oil level and for con	amination. Top	up if required.	
Check Conveyo	r Drive Gearmotor f	or noise leaks and			
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Inspect and cleanspect agitator Inspect fastene Inspect shut-off Inspect feeder of Grease feeder of Inspect feeder of Check Poly Dos Inspect Poly Dos	nit No.1 an drain valves. motor and gearbox rs. regulating, check a gearbox and motor (gearwheels cylinder. sing pumps for any a sing pumps fastene	(sealed unit). Ind solenoid valves sealed unit). Abnormal noise and rs and seals	along with asso		

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DESCRIPTION:	6 Monthly Zone 3 Lubrication and Service	FREQUENCY:	6 Months
LOCATION:	Goodna Sewerage Treatment Plant	STANDARD JOB No.:	LTS329

oly Mixing Unit No.2
spect and clean drain valves.
spect agitator motor and gearbox (sealed unit).
spect fasteners.
spect shut-off, regulating, check and solenoid valves along with associated pipe work.
spect feeder gearbox and motor (sealed unit).
rease feeder gearwheels
spect feeder cylinder.
heck Poly Dosing pumps for any abnormal noise and vibration
spect Poly Dosing pumps fasteners and seals
heck Poly Dosing Pump gearbox oil level and for contamination. Top up if required.
ervice Water Pumps
heck valves and pipe work for leaks and defects.
heck Service Water Pump 1 for noise, leaks, vibration.
heck Service Water Pump 2 for noise, leaks, vibration.
heck Service Water Pump 3 for noise, leaks, vibration.
heck Surge Vessel for leaks, defects.
heck Service Water Mixing Pump for noise, leaks, vibration.
ir Treatment Facility (ATF) Feed Pumps
heck valves and pipe work for leaks and defects.
heck Surge Vessel for leaks, defects.
heck ATF Feed Pump 1 for noise, leaks, vibration.
heck ATF Feed Pump 2 for noise, leaks, vibration.

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