

 DESCRIPTION:
 12 Monthly Dewatering Area Lube and Service
 FREQUENCY:
 12 Monthly

 LOCATION:
 ST18 Luggage Point STP
 STD JOB ID:
 LTS091

Grease and Oils Required	Maintenance Group
Castrol AP3 Grease	Sludge Conveyor
Castrol EPL2 Grease	Sludge Feed Pumps
Castrol Mollub Alloy 936SF Open Gear Grease	Dilution Water Pump
Castrol EPX 80W-90	Sludge Macerator
Watson-Marlow/Bredel Hose Lubricant	Filtrate Pumps
	Poly Mixing and Dosing Area
Procedural Steps	
Sludge Conveyor	
Change gearbox oil with SP220	
Check conveyor lining and conveyor screw for we	ear.
Measure conveyor diameter. Measure in at least	3 places along length of conveyor spiral.
Conveyor requires replacing once 20% of original	l diameter is worn.
Original diameter is 440mm. When diameter reac	•
Grease stuffing box with EPL2 grease and adjust	gland as required.
Check all trough welds for damage and fasteners	for tightness.
Sludge Feed Pumps (3 of) Check mechanical seals for leaks. Check stators and rotors for wear.	
Change gearbox oils with SP220.	
One and Division O Is a suite way with EDLO sure and	
Grease Pump 3 bearings with EPL2 grease.	
Check condition of drive couplings and elements.	
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Check condition of drive couplings and elements.  Check condition of pipework and valving.	
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Check condition of drive couplings and elements.  Check condition of pipework and valving.  Peristaltic Filtrate Pump  Change Centrate Pump (Peristaltic) Planetary Ge	earbox oil with Castrol Alpha 320.
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Check condition of drive couplings and elements.  Check condition of pipework and valving.  Peristaltic Filtrate Pump  Change Centrate Pump (Peristaltic) Planetary Ge  Change Centrate Pump (Peristaltic) Housing oil v  Dilution Water Pump	earbox oil with Castrol Alpha 320. vith Watson-Marlow/Bredel Hose Lubricant.
Check condition of drive couplings and elements.  Check condition of pipework and valving.  Peristaltic Filtrate Pump  Change Centrate Pump (Peristaltic) Planetary Gette Change Centrate Pump (Peristaltic) Housing oil valuation Water Pump  Check mechanical seals for leaks.	earbox oil with Castrol Alpha 320. vith Watson-Marlow/Bredel Hose Lubricant.
Check condition of drive couplings and elements.  Check condition of pipework and valving.  Peristaltic Filtrate Pump  Change Centrate Pump (Peristaltic) Planetary Gette Change Centrate Pump (Peristaltic) Housing oil was poil of the pump (Peristaltic) Housing oil was poil of the pump (Peristaltic) Housing oil of the pump (Peristaltic)	earbox oil with Castrol Alpha 320. vith Watson-Marlow/Bredel Hose Lubricant.
Check condition of drive couplings and elements. Check condition of pipework and valving.  Peristaltic Filtrate Pump Change Centrate Pump (Peristaltic) Planetary Geter Change Centrate Pump (Peristaltic) Housing oil value of the Verick Mater Pump Check mechanical seals for leaks. Check condition of drive couplings and elements. Change gearbox oil with SP220. Apply 2 shots of AP3 grease to pump motors.	earbox oil with Castrol Alpha 320. vith Watson-Marlow/Bredel Hose Lubricant.
Check condition of drive couplings and elements.  Check condition of pipework and valving.  Peristaltic Filtrate Pump  Change Centrate Pump (Peristaltic) Planetary Gette Change Centrate Pump (Peristaltic) Housing oil was poil of the pump (Peristaltic) Housing oil was poil of the pump (Peristaltic) Housing oil of the pump (Peristaltic)	earbox oil with Castrol Alpha 320. vith Watson-Marlow/Bredel Hose Lubricant.

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ludge M	lacerator
Change g	earbox oil with SP220.
Check co	ndition of blades.
Check ma	acerator drive gears and amount of grease. Housing should be 2 thirds full. Clean and regrease with E
Check co	ndition of pipework and valving
Filtrate P	limne
	ump element oil with EPX 80W-90 oil.
	ndition of drive couplings and elements.
	ndition of pipework and valving.
	nife gate valve spindles with Mollub Alloy 936SF grease
Poly Mixi	ng and Dosing Area
Change p	oly feeder drive gearbox oil with SP220.
Change p	oly mixer gearbox with oil SP220.
Change p	oly transfer pump gearbox oil with SP220.
Check po	ly transfer pump for leaks and adjust gland as required.
Check po	ly transfer pump stator and rotor for wear.
Check co	ndition of all pipework and valving.
	ewis Booster Pump
	echanical seals for leaks.
	ndition of drive couplings and elements.
	earbox oil with SP220.
	nots of AP3 grease to pump motors.
Apply 4 sl	nots of EPL2 grease to pump bearings.
Check co	ndition of pipework and valving.

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