

DESCRIPTION:	12 Monthly Zone 3 Lubrication Maintenance	FREQUENCY:	12 Monthly
LOCATION:	ST18 Luggage Point WRP	STD JOB ID:	LTS031

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Grease and Oils Required	Maintenance Group
Castrol Hyspin AWS46	RAS Pumps 1 to 3
Castrol Hyspin AWS100	FST's 1 to 12
Castrol SP220	V Drain Penstock
Castrol SP320	
Castrol SP680	
Castrol AP3	
Castrol EPL2 Grease	
Castrol EPX 80W-90	
Castrol Mollub Alloy 936SF	
Procedural Steps	
RAS No.1 Archimedes Screw Type	
Ensure two pumps are running before taking one off line.	
Drain gearbox oil and replace with SP320.	
Check Oil level in Bottom Bearing. Top up if necessary with Hyspin AWS 100	
Grease Electric Motors with Castrol AP3.	
Check belt tension and for wear	
Check pulleys for wear.	
RAS No.2 Archimedes Screw Type	
Ensure two pumps are running before taking one off line.	
Drain gearbox oil and replace with SP320.	
Check Oil level in Bottom Bearing. Top up if necessary with Hyspin AWS 100	
Grease Electric Motors with Castrol AP3.	
RAS No.3 Archimedes Screw Type	
Ensure two pumps are running before taking one off line.	
Drain gearbox oil and replace with SP320.	
Check Oil level in Bottom Bearing. Top up if necessary with Hyspin AWS 100	
Grease Electric Motors with Castrol AP3.	
Check belt tension and for wear	
Check pulleys for wear.	

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	Final Settling Tanks 1 to 8
	Grease Bridge wheels 6 wheels per tank 2 points per wheel with 6 shots of EPL2 Grease.
	Grease centre bearings 6 shots per point on Manifold block with EPL2 Grease
	Grease siphon pump con rod 2 shots of EPL2 Grease
	Drain Syphon Pump oil and replace with 80W 90 gear oil.
	Drain top drive gearbox oil and replace with 80W 90 gear oil.
	Drain lower drive gearbox oil and replace with SP680 oil.
	Final Settling Tanks 9 to 12
	2 shots of EPL2 grease per pivot bearings
	Grease Bridge wheels 6 wheels per tank 2 points per wheel with 6 shots of EPL2 Grease.
	Grease centre bearings 6 shots per point on Manifold block with EPL2 Grease
	Drain top drive gearbox oil and replace with 80W 90 gear oil.
	Drain lower drive gearbox oil and replace with SP680 oil.
	V Drain Penstock
	Lubricate valve stem with Mollub Alloy 936SF
	Check operation of penstock.
	Check condition of seals and guides.
	Check for build-up of debris around sealing face in V drain.