

DESCRIPTION:	12M Zone 2 Lubrication and Service	FREQUENCY:	12 Months
LOCATION:	ST02 Fairfield Water Reclamation Plant	STD JOB ID:	LTS090

Grease and Oils required:	Maintenance Group	
Castrol SP220 Oil	Sludge Feed Pumps	
Castrol Perfecto T68	Sludge Transfer Pump	
Castrol AP3 Grease	Spirotainers	
Castrol EPL2 Grease	Incline Sludge Conveyor	
	Centrifuge	
	Poly Dosing Pumps	
Reference		
Procedural Steps		
Sludge Feed Pump (2) and Sludge Tran	sfer Pump	
Feed pump intermediate chamber oil - dra	in and refill with Perfecto T68.	
Feed pump timing gear chamber oil - drair	and refill with SP220.	
Gearbox oil - drain and refill with SP220.		
Remove coupling cover and inspect coupli	ng for any obvious signs of possible failure.	
Open pump chamber and inspect the cond	lition of the lobes.	
Spirotainers (2)		
Conveyor gearbox oil - drain and refill with SP220.		
Check stuffing box for leakage and adjust.		
Grease conveyor stuffing box with 6 shots	of EPL2 grease.	
Check conveyor liner for wear.		
Measure conveyor screw diameter.		
Check bin for corrosion (inside and outside		
Incline Sludge Conveyor (working at he	ights equipment will be required)	
Conveyor gearbox oil - drain and refill with		
Grease conveyor stuffing box with 6 shots		
Check conveyor liner for wear.	-	
Measure conveyor screw diameter.		
Measure conveyor screw diameter.		
Check conveyor trough welds, supports ar	nd mountings for defects.	

Doc Id:FOR828Active Date:17/3/2017Urban Utilities ConfidentialOwnerMatthew DellawayRevision:3Page 1 of 2

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Sludge Bin Fill Conveyor
Conveyor gearbox oil - drain and refill with SP220.
Check stuffing box for leakage and adjust.
Grease conveyor stuffing box with 6 shots of EPL2 grease.
Check conveyor liner for wear. Replace as required.
Measure conveyor screw diameter.
Check conveyor trough welds, supports and mountings for defects.
Poly Dosing Pumps (2)
Drain and refill pump gearbox with SP220
Remove coupling cover and inspect coupling for any obvious signs of possible failure.
Poly Feeder
Drain and refill feeder gearbox with SP220
Remove coupling cover and inspect coupling for any obvious signs of possible failure.

Doc Id:FOR828Active Date:17/3/2017Urban Utilities ConfidentialOwnerMatthew DellawayRevision:3Page 2 of 2

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