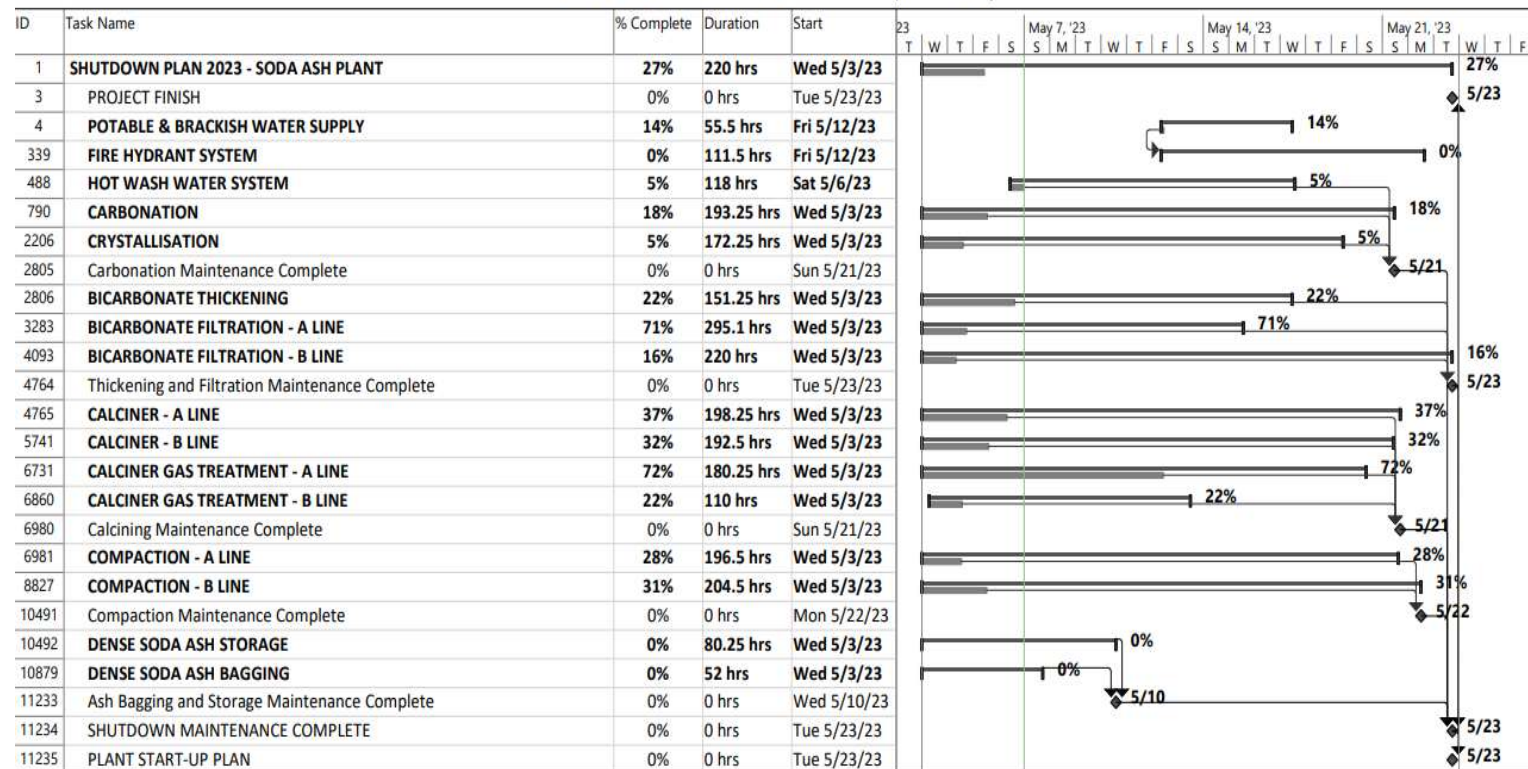




## SODA ASH PLANT DASHBOARD

Drafted by: Slingshot Consultancy  
STATUS DATE: 6-May-23

SHUTDOWN PLAN - SODA ASH PLANT 2023 - Updates 06 May



SALT PLANT KEY MILESTONES	PLANNED	FORECAST
A Calciner	21-May-23	21-May-23
B Calciner	21-May-23	22-May-23
Salt Washing ready	22-May-23	22-May-23
Compaction A	21-May-23	17-May-23
Compaction B	22-May-23	20-May-23
Thickner scope completion	25-May-23	21-May-23
Soda Ash Plant operational	27-May-23	22-May-23

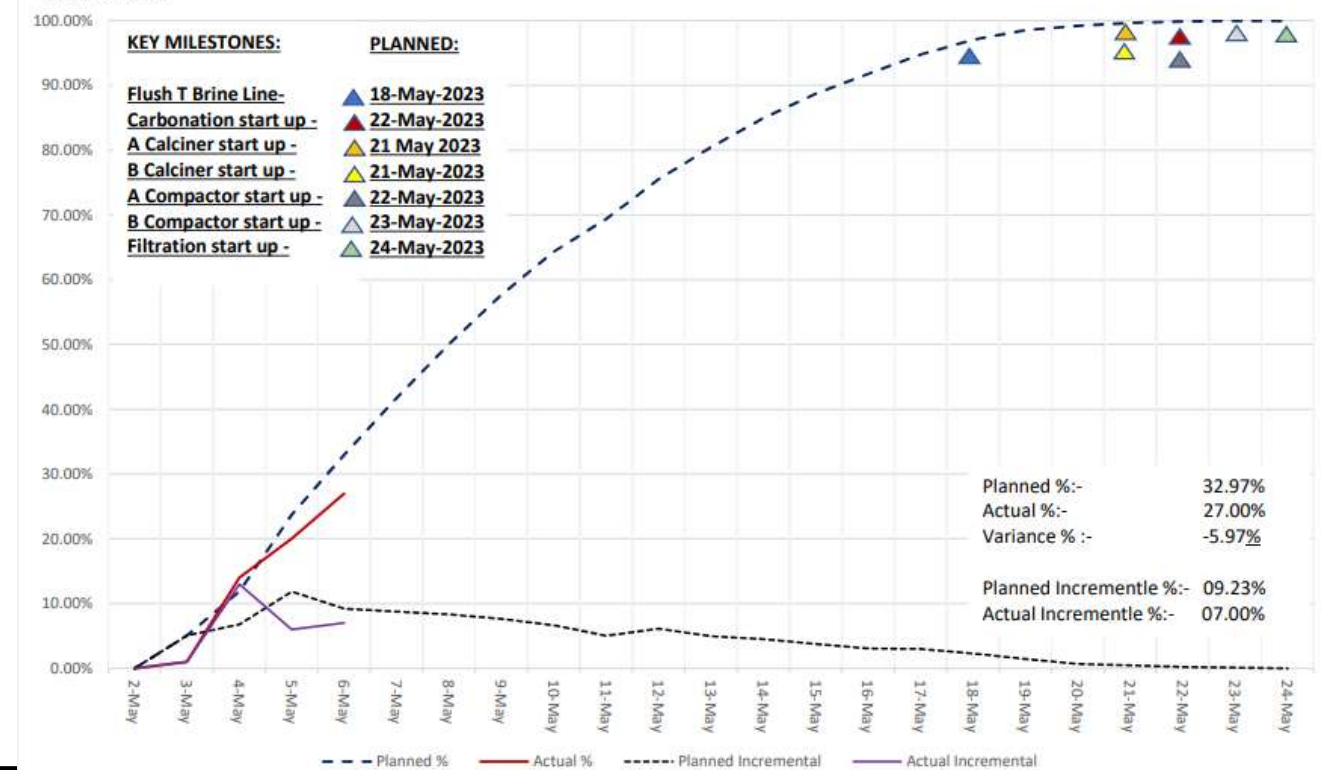
DAYS TO COMPLETION	TOP 5 RISKS
18	1) Thickner - Critical Path 2) Late material deliveries 3) Equipment availability 4) Quality 5) Works execution risks Based on spares available

PLANT SUB-AREA:	Planned	Actual	Variance	Planned % Increment	Actual % Increment	Risk
SHUTDOWN 2023 - SODA ASH PLANT	32.97%	27.00%	-5.97%	9.23%	7.00%	
POTABLE & BRACKISH WATER	0.00%	14.00%	14.00%	0.00%	14.00%	
FIRE HYDRANT SYSTEM	0.00%	0.00%	0.00%	0.00%	0.00%	
HOT WASH WATER SYSTEM	3.71%	5.00%	1.29%	0.00%	5.00%	
CARBONATION	31.02%	18.00%	-13.02%	12.30%	4.00%	
CRYSTALLISATION	9.52%	5.00%	-4.52%	4.92%	5.00%	
BICARBONATE THICKENING	16.93%	22.00%	5.07%	12.05%	10.00%	
BICARBONATE FILTRATION - A LINE	60.77%	71.00%	10.23%	14.13%	3.00%	
BICARBONATE FILTRATION - B LINE	49.64%	16.00%	-33.64%	5.49%	4.00%	
CALCINER - A LINE	26.18%	37.00%	10.82%	9.58%	6.00%	
CALCINER - B LINE	28.26%	32.00%	3.74%	10.63%	15.00%	
CALCINER GAS TREATMENT - A LINE	50.26%	72.00%	21.74%	13.28%	55.00%	
CALCINER GAS TREATMENT - B LINE	43.23%	22.00%	-21.23%	8.72%	3.00%	
COMPACTION - A LINE	45.64%	28.00%	-17.64%	7.01%	3.00%	
COMPACTION - B LINE	26.45%	31.00%	4.55%	10.36%	3.00%	
DENSE SODA ASH STORAGE	63.74%	0.00%	-63.74%	18.11%	0.00%	
DENSE SODA ASH BAGGING	81.45%	0.00%	-81.45%	15.51%	0.00%	



## BOTSWANA - BOTASH REFURBISHMENT PROJECT 2023 - SODA ASH PLANT

- Update:- 06 May 2023



LOOK AHEAD SCOPE OF WORKS (L/L)	POSSIBLE RISKS	MITIGATIONS ON RISKS
#3 Crystallisation - Civil works		
Drain Thickner & Clean / Scaffolding		
CO2 Compressore cleaning		
Clean Hot well sump		
Clean Slurry Head Tank		
Clean Filtration structure		
A Belt Filter Gearbox - Service		
A Bicarbonate Belt Conveyor - Replace		
Cloth Wash tank - relocate manhole		
Cloth Wash Pumps - Inspect		
Filtration pumps - overhaul		
Seal Water Heat Exchanger - Repair		
Vacuum Pumps - Inspection		
Electrical maint - Pumps		
Bicarb Filtration air receivers - Clean		
Belt Filters - Struct, change to S/Steel		
B Belt Filters - check bearings / ripple skirting		
Replace slide gates		
Calciners - Cleaning		
Plant Structure - Washing		
Scrubbers - cleaning		
Repair Fibre glass pipelines		