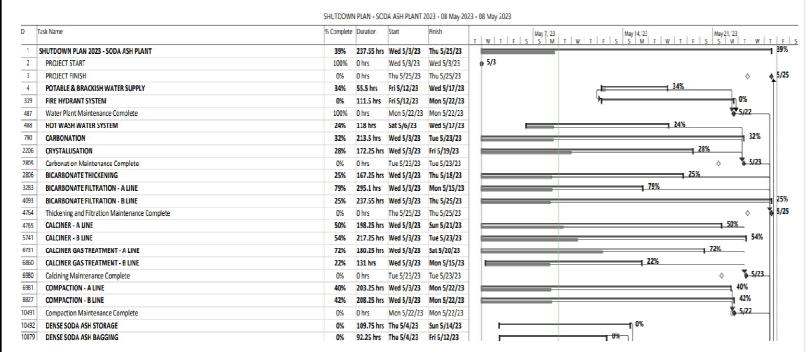


SODA ASH PLANT DASHBOARD

Drafted by: Slingshot Consultancy STATUS DATE: 8-May-23



| | KEY | MILE | STONE | S: | | PLAN | NED: | | | | | | | | | | _ | | | | A | Δ | Δ |
|-----|-------|--------|-----------------|-----------------|-------|--------|------------------|-------|--------|--|--------|--------|--------|--------|--------|--------|--------|----------|--------|--------|----------|---------------------------|----------|
| 00% | | | ine Lir | ne- irt up - | | | ay-202 | | | | | | | | | 1 | | | | | | | |
| 00% | AC | alcine | start | up - | | 21 M | y 202 | 3 | | | | , | - | | | | | | | | | | |
| | _ | | start tor st | up - art up | _ | | ay-202 ay-202 | 2.0 | | | ," | | | | | | | | | | | | |
| 00% | | | start u | art up | Δ | 23-M | ay-202 ay-202 | 13 | . 10 | | | | | | | | | | | | | | |
| 00% | -110 | GUOII | Jean C | 7 | | 24-171 | ay-202 | | , ' | | | | | | | | | | | | | | |
| 00% | | | | | | | 1 | - | | | | | | | | | | | | | | | |
| | | | | | | | 1 | | | | | | | | | | | | | | | | |
| 00% | | | | | , | , | / | | | | | | | | | | | | | | | | |
| 00% | | | | | 1 | / | | | | | | | | | | | PI | anned | %:- | | | 50.07% | |
| 00% | | | | 1 | | | | | | | | | | | | | | ctual % | | | | 39.00% -11.07 <u>9</u> | |
| | | | 6 | | | | | | | | | | | | | | PI | anned | Increi | mentle | %:- | 08.33% | <u> </u> |
| 00% | | 2 | | (| | | | | , | | | | | | | | | ctual li | | | | 07.00% | |
| 00% | 1 | 1 | | | _ | | | | | The Control of the Co | | | | | | | | | | | | | |
| | 2-May | 3-May | 4-May | 5-May | 6-May | 7-May | 8-May | 9-May | 10-May | 11-Ma | 12-May | 13-Ma) | 14-May | 15-May | 16-May | 17-May | 18-Ma) | 19-May | 20-May | 21-May | 22-May | 23-May | Z4-IVIBY |

BOTSWANA - BOTASH REFURBISHMENT PROJECT 2023 - SODA ASH PLANT
- Update:- 08 May 2023

| SALT PLANT KEY MILESTONES | PLA | NNED | FOF | RECAST |
|----------------------------|--------|---------|--------|--------|
| A Calciner | May-23 | 21- | May-23 | |
| B Calciner | May-23 | √lay-23 | | |
| Salt Washing ready | May-23 | 22- | May-23 | |
| Compaction A | May-23 | May-23 | | |
| Compaction B | May-23 | 20- | May-23 | |
| Thickner scope completion | May-23 | 21- | May-23 | |
| Soda Ash Plant operational | 27- | May-23 | 22- | May-23 |
| PLANT SUB-AREA: | | Plann | ed | Actua |
| SHUTDOWN 2023 - SODA ASH | PLANT | 41.47 | 41.47% | |
| | | | | |

| DAYS TO COMPLETION | TOP 5 RISKS |
|--------------------|---|
| 16 | 1) Thickner - Critical Path 2) Carbonator gearbox 3 |

| 27 May 25 22 | a, 25 | | | Dasea e | ii spares available |
|--------------|--|--|---|--|---|
| | | | Planned % | Actual % | |
| Planned | Actual | Variance | Increment | Increment | Risk |
| NT 41.47% | 39.00% | -2.47% | 8.76% | 7.00% | |
| 0.00% | 34.00% | 34.00% | 0.00% | 20.00% | |
| 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 9.25% | 24.00% | 14.75% | 5.55% | 12.00% | |
| 39.73% | 32.00% | -7.73% | 8.70% | 7.00% | |
| 14.85% | 28.00% | 13.15% | 5.32% | 22.00% | |
| 37.28% | 25.00% | -12.28% | 20.35% | 0.00% | |
| E 72.52% | 70.00% | -2.52% | 11.75% | 4.00% | |
| E 54.48% | 25.00% | -29.48% | 4.84% | 5.00% | |
| 33.85% | 50.00% | 16.15% | 7.66% | 8.00% | |
| 36.02% | 54.00% | 17.98% | 7.76% | 9.00% | |
| IE 54.50% | 72.00% | 17.50% | 4.24% | 0.00% | |
| E 52.22% | 22.00% | -30.22% | 8.99% | 0.00% | |
| 51.37% | 40.00% | -11.37% | 5.73% | 4.00% | |
| 36.66% | 42.00% | 5.34% | 10.21% | 7.00% | |
| 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |
| | Planned NT 41.47% 0.00% 0.00% 9.25% 39.73% 14.85% 37.28% E 72.52% E 54.48% 33.85% 36.02% IE 52.22% 51.37% 36.66% 0.00% | Planned Actual NT 41.47% 39.00% 0.00% 34.00% 0.00% 0.00% 9.25% 24.00% 39.73% 32.00% 14.85% 28.00% 37.28% 25.00% E 72.52% 70.00% E 54.48% 25.00% 33.85% 50.00% 36.02% 54.00% IE 52.22% 22.00% 51.37% 40.00% 36.66% 42.00% 0.00% 0.00% | Planned Actual Variance NT 41.47% 39.00% -2.47% 0.00% 34.00% 34.00% 0.00% 0.00% 0.00% 9.25% 24.00% 14.75% 39.73% 32.00% -7.73% 14.85% 28.00% 13.15% 37.28% 25.00% -12.28% E 72.52% 70.00% -2.52% E 54.48% 25.00% -29.48% 33.85% 50.00% 16.15% 36.02% 54.00% 17.98% IE 54.50% 72.00% 17.50% IE 52.22% 22.00% -30.22% 51.37% 40.00% -11.37% 36.66% 42.00% 5.34% 0.00% 0.00% 0.00% | Planned Actual Variance Planned % Increment NT 41.47% 39.00% -2.47% 8.76% 0.00% 34.00% 34.00% 0.00% 0.00% 0.00% 0.00% 0.00% 9.25% 24.00% 14.75% 5.55% 39.73% 32.00% -7.73% 8.70% 14.85% 28.00% 13.15% 5.32% 37.28% 25.00% -12.28% 20.35% E 72.52% 70.00% -2.52% 11.75% E 54.48% 25.00% -29.48% 4.84% 33.85% 50.00% 16.15% 7.66% 36.02% 54.00% 17.98% 7.76% JE 54.50% 72.00% 17.50% 4.24% JE 52.22% 22.00% -30.22% 8.99% 51.37% 40.00% -11.37% 5.73% 36.66% 42.00% 5.34% 10.21% 0.00% 0.00% 0.00% 0.00% | Planned Actual Variance Planned % Increment Actual % Increment NT 41.47% 39.00% -2.47% 8.76% 7.00% 0.00% 34.00% 34.00% 0.00% 20.00% 0.00% 0.00% 0.00% 0.00% 0.00% 9.25% 24.00% 14.75% 5.55% 12.00% 39.73% 32.00% -7.73% 8.70% 7.00% 14.85% 28.00% 13.15% 5.32% 22.00% 37.28% 25.00% -12.28% 20.35% 0.00% E 72.52% 70.00% -2.52% 11.75% 4.00% E 54.48% 25.00% -29.48% 4.84% 5.00% 33.85% 50.00% 16.15% 7.66% 8.00% 36.02% 54.00% 17.98% 7.76% 9.00% IE 52.22% 22.00% -30.22% 8.99% 0.00% 51.37% 40.00% -11.37% 5.73% 4.00% |

| LOOK AHEAD SCOPE OF WORKS (L/L) | POSSIBLE RISKS | MITIGATIONS ON RISKS |
|--|----------------|----------------------|
| Hot Wash Water cleaning | | |
| HWW Circulation lines - replace | | |
| Thickner S.O.W | | |
| Hot Wash Pumps | | |
| HWW Instrumentation works | | |
| Cabonation Feed heaters - cleaning | | |
| A,B,C & D Sand Filters | | |
| Carbonation Feed tank | | |
| 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 | | |
| Bitterns pumps | | |
| Filter Feed pumps | | |
| E & I Works | | |
| Repair Fibre glass pipelines | | |