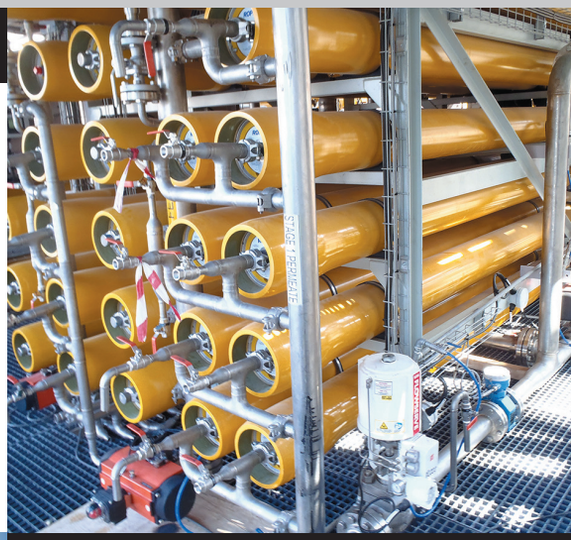
BICARBONATE RECOVERY PROJECT

LANGER HEINRICH URANIUM MINE

BMS Engineers have designed and commissioned the world's first Bicarbonate Recovery Plant (BRP), recovering sodium bicarbonate from a uranium concentrated eluant stream using membranes and their now patented technology.

The membrane plant was commissioned in March 2015 at the Langer Heinrich Mine in Namibia. The plant has exceeded its design bicarbonate recovery and has resulted in significant cost reductions.

Significant savings have been realised in sodium bicarbonate and neutralisation chemicals consumption. The BRP has also significantly reduced the mines water consumption.



"...BRP successfully commissioned in March and operating above design. The extent of this project's success has far-reaching implications for the Langer Heinrich operation now and into the future. BRP is expected to exceed design benefit by up to 100% and establish a new paradigm in carbonate uranium processing..."*

* Paladin website Q1 2015 ASX report

BMS Engineers have successfully undertaken:

- Pilot plant trials for BRP concept
- Detailed design of the BRP Plant
- Successful commissioning of the BRP Plant
- Training of site personnel and operators on the BRP operations and maintenance
- Ongoing remote technical support

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