

McArthur River Mine – Overburden Management Project – NT EPA Report 86 Implementation

NT EPA Recommendation Number	VoA 0059 ¹ Condition Number	Summary of Recommendation
1	106	Implement the McArthur River Mine Overburden Management Project in accordance with all environmental commitments and safeguards in the EIS and the NT EPA assessment report 86.
2	107	Notify NT EPA, if OMP altered and environmental impact changed
3	108	Protect health of McArthur River along its whole length at all times from mine related impacts
4	109	Water quality in the McArthur River meets locally derived guidelines determined in accordance with national standards, and onsite creeks show improving trends within 20 years after mining stops
5	110	Contaminant predictions are assessed and updated using modelling techniques that are reviewed every 3 years by independent panel of experts
6	111	Waste rock identification and handling performance system and processes are audited every 3 years and reported to an independent panel of experts
7	112	Base layer of NOEF foundation contains a compacted clay layer or equivalent of at least 0.5m thickness
8	113	Establish an independent panel of experts for the NOEF
9	114	Implement NOEF groundwater interception system
10	115	Undertake NOEF cover system constructability trials and report every 3 years to independent panel of experts, and the Community Reference Group, for auditing by the Independent Monitor
11	113	Establish an independent panel of experts for the TSF
12	116	Tailings and other contaminated earthen materials to be disposed of in pit void
13	117	Implement a revised water monitoring plan (ground and surface water) to identify and quantify impacts of mining activities on the health of the McArthur River
14	118	Implement a research program to determine concentration of mine derived contaminants at which acute and chronic impacts to biota of relevance to McArthur River are observed
15	119	Implement aquatic ecosystem monitoring program to be reported and with audits every 3 years by the Independent Monitor
16	120	Conduct all works according to Aboriginal Areas Protection Authority (AAPA) requirements
17	121	Preserve archaeological site MRM4 with respect to design of the NOEF and consult with Minister for Tourism and Culture
18	122	Identify, inform and consult with appropriate custodians and traditional owners in relation to site MRM4
19	123	Monitor sulfur dioxide within 1 km of NOEF
20	124	On advice of the Chief Health Officer, and to the satisfaction of the NT EPA, monitor aquatic fauna from the McArthur River to determine if it is safe to eat; publicly report results and maintain signage while there is any risk of contamination from consumption.
21	125	Implement non-lethal sawfish monitoring plan and develop investigation trigger thresholds to satisfaction of Australian Government Department of the Environment and Energy and DENR
22	126	Establish Care & Maintenance environmental objectives to be reviewed by relevant independent panel of experts after consultation with Community Reference Group, custodians and traditional owners
23	113	Establish an independent panel of experts for closure and maintenance strategies and to review risk of potential catastrophic failure of the mine levee wall and McArthur River diversion channel
24	127	Independent assessment of Security by a third-party expert

¹ Variation of Authorisation

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25	128	The Mining Management Plan Overview and Environmental Management sections and Authorisation to be made public
26	129	Establish Community Reference Group, chaired by a person held in high regard and with relevant expertise, representing local community, broader NT community and key stakeholders such as custodians and Traditional Owners, to communicate and provide a forum for review and discussion in setting environmental objectives
27	130	Revise all monitoring programs for review by independent panel of experts and Independent Monitor and incorporation into Adaptive Management Plan
28	131	Develop Adaptive Management Plan to ensure all objectives are met, for review by independent third party with findings to be made available to the public
29	132	Adaptive Management Plan and its implementation outcomes to be reviewed by Independent Monitor every three years and findings made available to the public
30	133	Where trends indicate environmental objectives may not be met the NT EPA must be notified of any resultant changes to the proposal