



**NSW
Resources
Regulator**

ROBJ0001398

APPROVED REHABILITATION OBJECTIVES STATEMENT

Arumpo Bentonite Mine

THURSDAY 29 FEBRUARY 2024

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Summary

DETAIL	APPROVAL
Reference	ROBJ0001398
Date of approval	Thursday 29 February 2024
Mine	Arumpo Bentonite Mine
Contact	Peter Joseph McBrien

Important note

The Regulator may make the information in your application and any supporting information (including this approval) available for inspection by members of the public, including by publication on its website or by displaying the information at any of its offices. If you consider any part of your application to be confidential, please communicate this to the Regulator via the message function on this application within the Portal.

Rehabilitation Objectives

The following rehabilitation objectives have been approved.

FINAL LAND USE DOMAIN	MINING DOMAIN	SPECIFY OTHER DOMAIN	SPATIAL REF	REHABILITATION OBJECTIVE CATEGORY	REHABILITATION OBJECTIVES
Agricultural – Grazing	Infrastructure Area		B1	Agricultural revegetation	Land use capability is capable of supporting the target agricultural land use.
Agricultural – Grazing	Infrastructure Area		B1	Agricultural revegetation	Revegetation is sustainable for the long-term and only requires maintenance that is consistent with the intended final land use.
Agricultural – Grazing	Infrastructure Area		B1	Bushfire	The risk of bushfire and impacts to the community, environment and infrastructure has been addressed as part of rehabilitation.
Agricultural – Grazing	Infrastructure Area		B1	Groundwater	Groundwater quality is similar to, or better than the pre-disturbance groundwater quality.
Agricultural – Grazing	Infrastructure Area		B1	Groundwater	Impacts to groundwater regime are within range as predicted in pre-mining environmental assessment.
Agricultural – Grazing	Infrastructure Area		B1	Land contamination	There is no residual soil contamination on site that is incompatible with the final land use or that poses a threat of environmental harm.
Agricultural – Grazing	Infrastructure Area		B1	Landform stability	As far as practicable, to blend the created landforms with the surrounding land fabric.
Agricultural – Grazing	Infrastructure Area		B1	Landform stability	The final landform is stable for the long-term and does not present a risk of environmental harm downstream/downslope of the site or a safety risk to the public/stock/native fauna.

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Agricultural – Grazing	Infrastructure Area		B1	Management of waste and process materials	Residual waste materials stored on site (e.g. tailings, coarse rejects and other wastes) will be appropriately contained / encapsulated so it does not pose any hazards or constraints for intended land use.
Agricultural – Grazing	Infrastructure Area		B1	Removal of infrastructure	All infrastructure that is not to be used as part of the final land use is removed to ensure the site is safe and free of hazardous materials.
Agricultural – Grazing	Infrastructure Area		B1	Retention of infrastructure	All infrastructure that is to remain as part of the final land use is safe and does not pose any hazard to the community.
Agricultural – Grazing	Infrastructure Area		B1	Surface water	Runoff water quality from mine site is similar to, or better than the pre-disturbance runoff water quality.
Agricultural – Grazing	Water Management Area		B3	Agricultural revegetation	Revegetation is sustainable for the long-term and only requires maintenance that is consistent with the intended final land use.
Agricultural – Grazing	Water Management Area		B3	Agricultural revegetation	Land use capability is capable of supporting the target agricultural land use.
Agricultural – Grazing	Water Management Area		B3	Bushfire	The risk of bushfire and impacts to the community, environment and infrastructure has been addressed as part of rehabilitation.
Agricultural – Grazing	Water Management Area		B3	Groundwater	Impacts to groundwater regime are within range as predicted in pre-mining environmental assessment.
Agricultural – Grazing	Water Management Area		B3	Groundwater	Groundwater quality is similar to, or better than the pre-disturbance groundwater quality.
Agricultural – Grazing	Water Management Area		B3	Land contamination	There is no residual soil contamination on site that is incompatible with the final land use or that poses a threat of environmental harm.

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Agricultural – Grazing	Water Management Area		B3	Landform stability	The final landform is stable for the long-term and does not present a risk of environmental harm downstream/downslope of the site or a safety risk to the public/stock/native fauna.
Agricultural – Grazing	Water Management Area		B3	Management of waste and process materials	Residual waste materials stored on site (e.g. tailings, coarse rejects and other wastes) will be appropriately contained / encapsulated so it does not pose any hazards or constraints for intended land use.
Agricultural – Grazing	Water Management Area		B3	Removal of infrastructure	All infrastructure that is not to be used as part of the final land use is removed to ensure the site is safe and free of hazardous materials.
Agricultural – Grazing	Water Management Area		B3	Retention of infrastructure	All infrastructure that is to remain as part of the final land use is safe and does not pose any hazard to the community.
Agricultural – Grazing	Water Management Area		B3	Surface water	Runoff water quality from mine site is similar to, or better than the pre-disturbance runoff water quality.
Agricultural – Grazing	Water Management Area		B3	Water approvals	Structures that take or divert water such as final voids, dams, levees etc. are appropriately licensed (e.g. under the Water Management Act 2000) and where required ensure sufficient licence shares are held in the water source(s) to account for water take.
Agricultural – Grazing	Active Mining Area (Open cut void)		B5	Agricultural revegetation	Revegetation is sustainable for the long-term and only requires maintenance that is consistent with the intended final land use.
Agricultural – Grazing	Active Mining Area (Open cut void)		B5	Agricultural revegetation	Land use capability is capable of supporting the target agricultural land use.
Agricultural – Grazing	Active Mining Area (Open cut void)		B5	Bushfire	The risk of bushfire and impacts to the community, environment and infrastructure has been addressed as part of rehabilitation.
Agricultural – Grazing	Active Mining Area (Open cut void)		B5	Groundwater	Groundwater quality is similar to, or better than the pre-disturbance groundwater quality.

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Agricultural – Grazing	Active Mining Area (Open cut void)		B5	Groundwater	Impacts to groundwater regime are within range as predicted in pre-mining environmental assessment.
Agricultural – Grazing	Active Mining Area (Open cut void)		B5	Land contamination	There is no residual soil contamination on site that is incompatible with the final land use or that poses a threat of environmental harm.
Agricultural – Grazing	Active Mining Area (Open cut void)		B5	Landform stability	The final landform is stable for the long-term and does not present a risk of environmental harm downstream/downslope of the site or a safety risk to the public/stock/native fauna.
Agricultural – Grazing	Active Mining Area (Open cut void)		B5	Management of waste and process materials	Residual waste materials stored on site (e.g. tailings, coarse rejects and other wastes) will be appropriately contained / encapsulated so it does not pose any hazards or constraints for intended land use.
Agricultural – Grazing	Active Mining Area (Open cut void)		B5	Removal of infrastructure	All infrastructure that is not to be used as part of the final land use is removed to ensure the site is safe and free of hazardous materials.
Agricultural – Grazing	Active Mining Area (Open cut void)		B5	Retention of infrastructure	All infrastructure that is to remain as part of the final land use is safe and does not pose any hazard to the community.
Agricultural – Grazing	Active Mining Area (Open cut void)		B5	Water quality	Runoff water quality from mine site is similar to, or better than the pre-disturbance runoff water quality.
Agricultural – Grazing	Other	Drying bed, topsoil & stockpile areas.	B8	Agricultural revegetation	Land use capability is capable of supporting the target agricultural land use.
Agricultural – Grazing	Other	Drying bed, topsoil & stockpile areas.	B8	Agricultural revegetation	Revegetation is sustainable for the long-term and only requires maintenance that is consistent with the intended final land use.

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Agricultural – Grazing	Other	Drying bed, topsoil & stockpile areas.	B8	Bushfire	The risk of bushfire and impacts to the community, environment and infrastructure has been addressed as part of rehabilitation.
Agricultural – Grazing	Other	Drying bed, topsoil & stockpile areas.	B8	Groundwater	Groundwater quality is similar to, or better than the pre-disturbance groundwater quality.
Agricultural – Grazing	Other	Drying bed, topsoil & stockpile areas.	B8	Groundwater	Impacts to groundwater regime are within range as predicted in pre-mining environmental assessment.
Agricultural – Grazing	Other	Drying bed, topsoil & stockpile areas.	B8	Land contamination	There is no residual soil contamination on site that is incompatible with the final land use or that poses a threat of environmental harm.
Agricultural – Grazing	Other	Drying bed, topsoil & stockpile areas.	B8	Landform stability	The final landform is stable for the long-term and does not present a risk of environmental harm downstream/downslope of the site or a safety risk to the public/stock/native fauna.
Agricultural – Grazing	Other	Drying bed, topsoil & stockpile areas.	B8	Management of waste and process materials	Residual waste materials stored on site (e.g. tailings, coarse rejects and other wastes) will be appropriately contained / encapsulated so it does not pose any hazards or constraints for intended land use.
Agricultural – Grazing	Other	Drying bed, topsoil & stockpile areas.	B8	Removal of infrastructure	All infrastructure that is not to be used as part of the final land use is removed to ensure the site is safe and free of hazardous materials.

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Agricultural – Grazing	Other	Drying bed, topsoil & stockpile areas.	B8	Retention of infrastructure	All infrastructure that is to remain as part of the final land use is safe and does not pose any hazard to the community.
Agricultural – Grazing	Other	Drying bed, topsoil & stockpile areas.	B8	Surface water	Runoff water quality from mine site is similar to, or better than the pre-disturbance runoff water quality.