

Independent Environmental Audit of the Snowy 2.0 Transmission Connection Project - Initial Construction Audit May 2024

Proponent Responses

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Proponent Responses - Non-compliances

Non-Compliance (NC)	Condition Number (ID)	Compliance Requirement	Independent Audit Finding	Independent Audit Recommendation	Proponent’s Proposed Action/Action taken/Response (as applicable)	Proposed Action Due Date
Snowy 2.0 Transmission Connection Project - SSI-9717						
Terms of Approval						
NC-01	A2	The development must be carried out: (a) in compliance with the conditions of this approval; (b) in accordance with all written directions of the Planning Secretary; (c) generally in accordance with the EIS; and (d) generally in accordance with the Development Layout in Appendix 2.	Non-Compliances against conditions have been identified during the audit period and are recorded in this table and in the main Audit Report	It is recommended Transgrid consult with DPHI in relation to the location of the Maragle temporary construction compound being located in an area not described in the EIS and seek confirmation that the Department are satisfied that the Transgrid SER for the location of these facilities within the existing TL 64 is appropriate for the Project.	Proponent Response: The Proponent disagrees with the audit recommendation for Condition A2. Broadly, as described in Section 5 of the Snowy 2.0 Transmission Connection Project (the Project) Environmental Impact Statement (EIS, Jacobs 2021), the key elements of the Project include site compounds and equipment laydown areas. The location of Maragle temporary construction compound and associated impacts were assessed for under a Summary Environmental Report (SER) prepared under Part 5 of the Environmental Planning and Assessment Act 1979 (EP&A Act), clause 171 of the Environmental Planning and Assessment Regulation 2021 and the NSW Code of Practice for Authorised Network Operators (the Code). The SER was prepared by Transgrid on 1 June 2022, prior to issue of State Significant Infrastructure (SSI) approval SSI-9717 on 2 September 2022, to assess the potential impacts of the Transmission Line (TL) 64 Overhead Earth Wire (OHEW) and Optical Ground Wire (OPGW) Uprating project including establishment of the Maragle temporary construction compound (laydown). The Maragle temporary construction compound is located within the approved Snowy 2.0 Transmission Connection Project area. The use of the Maragle temporary construction compound does not result in any additional impact within the Snowy 2.0 Transmission Connection project area as it is situated within an existing disturbed area established under the TL64 Uprating project. Proposed Action: The Maragle temporary construction compound will be relocated to the main construction compound scheduled for completion by 31 May 2024.	31/05/2024
Transport Strategy						
NC-02	B28	Prior to commencing construction in Project Area West, the proponent must implement the road upgrades and the mitigation measures identified in the Transport Strategy in condition B27, to the satisfaction of the relevant roads authority/manager.	There is not enough verifiable evidence to support that works undertaken at Elliott Way Intersection was completed to the satisfaction of the relevant roads authority/manager prior to construction activities in Project Area West.	It is recommended that Transgrid seek written confirmation from the relevant roads authority/manager that the road upgrades have been completed to their satisfaction.	Action Taken: Elliott Way intersection road upgrades have been completed in accordance with Section 138 Certificate RDA 2023-0043 issued by Snowy Valleys Council (SVC, provided as Attachment A). Requests have been issued to SVC for final inspection of agreed works following completion in accordance with Condition 1.7 of the Section 138 Certificate for issue of a Compliance Certificate. Verifiable evidence (Compliance Certificate) will be issued to NSW Planning Secretary for information via Major Projects Portal on receipt. Current ETA for final inspection is the week of 13 May 2024.	31/05/2024
WASTE						

Non-Compliance (NC)	Condition Number (ID)	Compliance Requirement	Independent Audit Finding	Independent Audit Recommendation	Proponent’s Proposed Action/Action taken/Response (as applicable)	Proposed Action Due Date
NC-03	B45	Waste must only be exported to a site licensed by the EPA for the storage, treatment, processing, reprocessing or disposal of the subject waste, or in accordance with a Resource Recovery Exemption or Order issued under the Protection of the Environment Operations (Waste) Regulation 2014, or to any other place that can lawfully accept such waste.	No verifiable evidence could be provided to show waste originating from the West Project alignment was exported to a site licenced by the EPA.	It is recommended that Transgrid seek to confirm and document an appropriate waste agreement with a waste disposal site licensed by the EPA for the disposal of waste originating from the West Project alignment.	Proponent Response: Consultation has been undertaken with local EPA licenced waste facilities, specifically Bellettes and Christie's (West). Bellettes has been selected as the preferred provider for the Western Package with evidence (EPA Licence) for Bellettes, attached as Attachment B . Transgrid seek to confirm and document an appropriate waste agreement with a waste disposal site licensed by the EPA for the disposal of waste originating from the West Project alignment no later than 31 May 2024.	31/05/2024
PART C ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING						
ENVIRONMENTAL MANAGEMENT STRATEGY						
NC-04	C1	Prior to commencing development, the Proponent must prepare an Environmental Management Strategy for the development to the satisfaction of the Planning Secretary. This strategy must: (a) provide the strategic framework for environmental management of the development; (b) identify the statutory approvals that apply to the development; (c) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the development; (d) set out the procedures that would be implemented to: i) keep the local community and relevant agencies informed about the operation and environmental performance of the development; ii) receive, handle, respond to, and record complaints; iii) resolve any disputes that may arise; iv) respond to any non-compliance; v) respond to emergencies; and (e) include: i) references to any strategies, plans and programs approved under the conditions of this approval; and ii) a clear plan depicting all the monitoring to be carried out in relation to the development, including a table summarising all the monitoring and reporting obligations under the conditions of this approval. Following the Planning Secretary’s approval, the Proponent must implement the Environmental Management Strategy.	Geotechnical work associated with a neighbouring project (HumeLink) occurred within the Project Area prior to the approval of the Environmental Management Strategy. No plan or table was included in the Environmental Management Strategy regarding an outline of all monitoring to be carried out in relation to the development.	It is recommended Section 3.7 of the EMS is revised to clearly set out the procedures on how to respond in the event of an emergency. It is recommended the EMS be revised to include clear plan or table depicting all the monitoring to be carried out in relation to the Project.	Proposed Action: EMS will be revised within 3 months of submission of this audit report in accordance with SSI-9717 Condition C2 and EPBC 2018/8363 Conditions 36-41 and will address: - Amendment of Section 3.7 to clearly set out procedures on how to respond in the event of an emergency. - Inclusion of a clear plan or table depicting all monitoring to be carried out in relation to the Project.	14/08/2024
ACCESS TO INFORMATION						

Non-Compliance (NC)	Condition Number (ID)	Compliance Requirement	Independent Audit Finding	Independent Audit Recommendation	Proponent's Proposed Action/Action taken/Response (as applicable)	Proposed Action Due Date
NC-05	C11	The Proponent must:(a) make the following information and documents publicly available on its website as relevant to the stage of the development:i) the EIS;ii) the final layout plans for the development;iii) current statutory approvals for the development;iv) approved strategies, plans or programs required under the conditions of this approval;v) the proposed staging plans for the development if the construction, operation and/or decommissioning of the development is to be staged;vi) a comprehensive summary of the monitoring results of the development, which have been reported in accordance with the various plans and programs approved under the conditions of this approval;vii) how complaints about the development can be made;viii) any independent environmental audit, and the Proponent's response to the recommendations in any audit; andix) any other matter required by the Planning Secretary; and(b) keep such information up to date.	Final Layout Plans have not been uploaded to the Project website.	It is recommended the final layout plans be uploaded to the Project website.	Proposed Action:Final layout plans will be uploaded to the Project Website by 31 May 2024.	31/05/2024
Snowy 2.0 Transmission Connection Project, NSW (EPBC 2018/8363)						
NC-06	4	The Biodiversity Management Plan required under condition B21 of the State Infrastructure Approval must: e. specify detailed criteria for determining surface water impacts (in respect of flows, quality and flooding) of the Action on the Booroolong Frog, including criteria for triggering remedial action (if necessary); f. specify a monitoring program capable of detecting any specified criteria for triggering remedial action, if they occur; and	e. Detailed criteria for determining surface water impacts (in respect of flows, quality and flooding) of the Action on Booroolong Frog not sighted in BMP f. a monitoring program capable of detecting any specified criteria for triggering remedial action not sighted in BMP	It is recommended that the BMP be revised to include detailed criteria for determining surface water impacts (in respect of flows, quality and flooding) of the Action on the Booroolong Frog. The BMP should also be revised to include a monitoring program capable of detecting the specified criteria for triggering remedial action.	Proposed Action: BMP will be revised within 3 months of submission of this audit report in accordance with SSI-9717 Condition C2 and EPBC 2018/8363 Conditions 36-41 and will address: - Inclusion of detailed criteria for determining surface water impacts (in respect of flows, quality and flooding) of the Action on the Booroolong Frog; - Inclusion of a monitoring program capable of detecting the specified criteria for triggering remedial action.	14/08/2024

Non-Compliance (NC)	Condition Number (ID)	Compliance Requirement	Independent Audit Finding	Independent Audit Recommendation	Proponent's Proposed Action/Action taken/Response (as applicable)	Proposed Action Due Date
NC-07	5	The approval holder must submit the Biodiversity Management Plan and Environmental Management Strategy required by conditions B21 and C1 of the State Infrastructure Approval to the department for the Minister's approval before they are approved by the NSW Planning Secretary.	No verifiable evidence to support that the EMS and BMP was submitted to DCCEEW before the DPHI was provided.	N/A	<p>Proponent Response:</p> <p>The Proponent disagrees with the auditor's findings in relation to Condition 5.</p> <p>The Environmental Management Strategy (EMS, rev0.06) was issued to DCCEEW (Cwlth) on 7 August 2023 following receipt of NSW Planning Secretary approval on 3 August 2023. The EMS (rev0.06) was issued for The Proponent received the following advice from the Commonwealth (Cwlth) Department of Climate Change, Energy, the Environment and Water (DCCEEW) on 6 December 2022 regarding revision and approval of management plans between DCCEEW and the NSW Planning Secretary (correspondence provided as Attachment C):</p> <p>"The Commonwealth and the State are on the same page in terms of the assessment of these management plans.</p> <p>That is, the State is taking the lead on the assessment of these documents (in collaboration with and with input from the Commonwealth where necessary). As I mentioned on the phone, this is in accordance with the Bilateral Agreement with NSW and makes sense as the State have a larger number of matters that they are concerned with.</p> <p>When the State advise us that the management plans satisfy the conditions of the NSW approval, they will be provided to the Commonwealth for a subsequent review (the intent of which is to ensure Commonwealth matters are adequately addressed) and then approval.</p> <p>We will continue to work with NSW on the assessment of the management plans and be in touch once the State have confirmed they are satisfied with the documents."</p> <p>On this basis of the above advice, The EMS (rev0.06) was re-lodged for NSW Planning Secretary approval on 6 November 2023 with attached DCCEEW (Cwlth) approval on 6 November 2023. Final NSW Planning Secretary approval was issued for the EMS (rev0.06) on 1 December 2023.</p> <p>DCCEEW (Cwlth) approval of the Biodiversity Management Plan (BMP, rev0.12) was granted 27 November 2023. NSW Planning Secretary approval of the BMP (rev0.12) was granted 1 December 2023.</p>	N/A
NC-08	8	The approval holder must notify the department in writing within 10 business days of making a biodiversity offset payment to the NSW National Parks and Wildlife Service. Each notification must state the date of payment, the amount paid, and the component of the biodiversity offset obligations in respect of which the payment is made.	<p>Verifiable evidence is required to confirm that the Australian Government was notified of making the biodiversity offset payment to the NSW National Parks and Wildlife Service.</p> <p>Payment was made by Snowy Hydro Limited on behalf of Transgrid to NPWS on the 31 August 2023. Remittance advice was issued by Snowy Hydro Limited to Transgrid on 26 September 2023 which was forwarded to DCCEEW on the 26 September 2023. This was outside the required 10 business day notification period.</p>	N/A	<p>Action Taken:</p> <p>The Proponent has reinforced requirements of EPBC 2018/8363 Condition 8 with Snowy Hydro Limited for future Biodiversity Offset Payment notifications.</p>	31/05/2024
NC-09	24	The approval holder must: c. Provide the weblink for the compliance report in the notification to the department.	a) Compliance report available on website	N/A	<p>Proposed Action:</p> <p>Weblink for the compliance report available on project website to be issued to DCCEEW (Cwlth).</p>	31/05/2024

Non-Compliance (NC)	Condition Number (ID)	Compliance Requirement	Independent Audit Finding	Independent Audit Recommendation	Proponent's Proposed Action/Action taken/Response (as applicable)	Proposed Action Due Date
NC-10	25	The approval holder must notify the department electronically, within 2 business days of becoming aware of any incident and/or potential non-compliance and/or actual non-compliance with the conditions or commitments made in a plan.	Two reportable incidents have occurred during this audit period which include: · Minor Investigative Geotechnical Work - Transgrid became aware of the non-compliance on or about 11 May 2023. Transgrid notified DCCEEW (Department of Climate Change, Energy, the Environment and Water) of the incident on 23 May 2023 which is greater than 2 business days of becoming aware. · Elliot Way intersection Turbid Water Discharge -No evidence provided to support the Department was notified of the incident that occurred on the 21 February 2024.	N/A	Proponent Response: The Proponent disagrees with the auditor's findings in relation to Condition 25 due to the incident not being related to any incident and/or potential non-compliance and/or actual non-compliance with the conditions or commitments made in a plan relevant to EPBC 2018/8363 approval as per EPBC 2018/8363 Condition 25. As such, DCCEEW was not notified of the Elliott Way Intersection Turbid Water Discharge incident.	N/A
NC-11	26	The approval holder must specify in the notification:a. Any condition or commitment made in a plan which has been or may have been breached.b. A short description of the incident and/or potential non-compliance and/or actual noncompliance.c. The location (including co-ordinates), date, and time of the incident and/or potential non-compliance and/or actual non-compliance. Note: If the exact information cannot be provided, the approval holder must provide the best information available.	As per non-compliance identified with EPBC Condition 25 notification not provided for Elliot Way Intersection Turbid Water Discharge that occurred on 21 February 2024.	N/A	Proponent Response:As per NC-10 response, the Proponent disagrees with the auditor's findings in relation to Condition 25 due to the incident not being related to any incident and/or potential non-compliance and/or actual non-compliance with the conditions or commitments made in a plan relevant to EPBC 2018/8363 approval as per EPBC 2018/8363 Condition 25. As such, DCCEEW was not notified of the Elliott Way Intersection Turbid Water Discharge incident.	N/A
NC-12	27	The approval holder must provide to the department in writing, within 12 business days of becoming aware of any incident and/or potential non-compliance and/or actual non-compliance, the details of that incident and/or potential non-compliance and/or actual non-compliance with the conditions or commitments made in a plan. The approval holder must specify: a. Any corrective action or investigation which the approval holder has already taken. b. The potential impacts of the incident and/or non-compliance and/or non-compliance. c. The method and timing of any corrective action that will be undertaken by the approval holder.	The Department was not notified of the incident that occurred on the 21 February 2024	N/A	Proponent Response: As per NC-10 response, the Proponent disagrees with the auditor's findings in relation to Condition 25 due to the incident not being related to any incident and/or potential non-compliance and/or actual non-compliance with the conditions or commitments made in a plan relevant to EPBC 2018/8363 approval as per EPBC 2018/8363 Condition 25. As such, DCCEEW was not notified of the Elliott Way Intersection Turbid Water Discharge incident.	N/A
Snowy 2.0 Transmission Connection Project - Environmental Impact Statement (February 2021)						
Water						
NC-13	W4	· No refuelling or bulk herbicide preparation will occur within 40 metres of natural drainage lines	During the audit period it was observed that a temporary generator was installed and operating within 40 m of a drainage line at Maragle Temporary Project Compound. While refuelling of the generator was not observed during the site	Recommendation: It is recommended the generator be relocated further away from the drainage line (outside of the 40 m drainage line buffer).	Action Taken: Generator scheduled for replacement, no later than week of 13 May 2024 (scheduled 10 May 2024). New generator will be positioned outside the 40m drainage line buffer	31/05/2024

Non-Compliance (NC)	Condition Number (ID)	Compliance Requirement	Independent Audit Finding	Independent Audit Recommendation	Proponent's Proposed Action/Action taken/Response (as applicable)	Proposed Action Due Date
			inspection it is likely that it would occur in-situ (i.e. within 40 m of the drainage line).			
Hazards and risks						
NC-14	HAZ4	For the main construction compounds, a minimum of 40 metres clearance is required between fuel/chemical storage points and woody vegetation. The construction compound buildings will have at least 20 metres clearance to the vegetation.	It was evident during the site audit inspection that fuel/chemical storage points were located within 40m of woody vegetation.	N/A	<p>Proponent Response:</p> <p>As per NC-01, the current facilities are located within a temporary compound that was approved under Part 5 of the EP&A Act as part of the TL64 Upgrades.</p> <p>Location of Maragle Temporary Construction compound was established under a Summary Environmental Report Part 5 of the Environmental Planning & Assessment Act 1979 in accordance with Transgrid's Environmental Assessment Framework</p> <p>A Summary Environmental Report (SER) was prepared by Transgrid on 1 June 2022, prior to issue of State Significant Infrastructure (SSI) approval SSI-9717 on 2 September 2022, to assess the potential impacts of the Transmission Line (TL) 64 Overhead Earth Wire (OHEW) and Optical Ground Wire (OPGW) Uprating project including establishment of the Maragle temporary construction compound (laydown). The SER was prepared in accordance with Part 5 of the Environmental Planning and Assessment Act 1979 (EP&A Act), clause 171 of the Environmental Planning and Assessment Regulation 2021 and the NSW Code of Practice for Authorised Network Operators (the Code).</p> <p>Proposed Action:</p> <p>The Maragle temporary construction compound will be relocated to the main construction compound scheduled for completion by 31 May 2024. During commission of the main construction compound the HAZ4 requirements shall be implemented and can be reviewed during the next 6 monthly audit.</p>	31/05/2024

Proponent Responses – Observations/Opportunities for Improvement

Condition Number (ID)	Commitment	Independent Audit Observation/Opportunity for Improvement	Proponent's Proposed Action or reason to not implement measures/changes	Proposed Action Due Date (if applicable)
Infrastructure Approval				
A2 (d)	The development must be carried out: (a) in compliance with the conditions of this approval; (b) in accordance with all written directions of the Planning Secretary; (c) generally in accordance with the EIS; and (d) generally in accordance with the Development Layout in Appendix 2.	It is recommended Transgrid consult with DPHI in relation to the location of the Maragle temporary construction compound being located in an area not described in the EIS and seek confirmation that the Department are satisfied that the Transgrid SER for the location of these facilities within the existing TL 64 is appropriate for the Project.	<p>Proponent Response (as per NC-01): Broadly as described in Section 5 of the Snowy 2.0 Transmission Connection Project (the Project) Environmental Impact Statement (EIS, Jacobs 2021) the key elements of the Project include site compounds and equipment laydown areas.</p> <p>The location of Maragle temporary construction compound and associated impacts were assessed for under a Summary Environmental Report (SER) prepared under Part 5 of the Environmental Planning and Assessment Act 1979 (EP&A Act), clause 171 of the Environmental Planning and Assessment Regulation 2021 and the NSW Code of Practice for Authorised Network Operators (the Code).</p> <p>The SER was prepared by Transgrid on 1 June 2022, prior to issue of State Significant Infrastructure (SSI) approval SSI-9717 on 2 September 2022, to assess the potential impacts of the Transmission Line (TL) 64 Overhead Earth Wire (OHEW) and Optical Ground Wire (OPGW) Uprating project including establishment of the Maragle temporary construction compound (laydown).</p> <p>The use of the Maragle temporary construction compound established for the TL64 Uprating project does not result in any additional impact within the Snowy 2.0 Transmission Connection project area as it is situated within an existing disturbed area.</p> <p>Proposed Action: The Maragle temporary construction compound will be relocated to the main construction compound scheduled for completion by 31 May 2024.</p>	31/05/2024
A13 (c)	All plant and equipment used on site, or in connection with the development must be: (c) kept free of weeds, seeds and pathogens when entering or leaving the site.	Recommendation: It is recommended signposting of management areas be installed where <i>Phytophthora</i> sp. has been identified through testing.	Action Taken: Signposting of management areas for <i>Phytophthora</i> sp. has been installed where <i>Phytophthora</i> sp. has been identified through testing.	N/A
A13 (c)	All plant and equipment used on site, or in connection with the development must be: (c) kept free of weeds, seeds and pathogens when entering or leaving the site.	It is recommended to construct and operate a washdown station capable of washing down vehicles and plant/machinery within the Maragle Project Area.	<p>Proponent Response: Weed and pathogen hygiene protocols are being implemented on site in accordance with Appendix H Weed and Pathogen Control Monitoring Program of the Snowy 2.0 Transmission Connection Project Biodiversity Management Plan (rev0.12).</p> <p>Proposed Action: Washdown station within the Maragle Project Area will be installed as part of Project Area West construction compound establishment scheduled for completion by 31 May 2024.</p>	31/05/2024
B3 (c)	An Out-of-Hours Work Protocol must be prepared to identify a process for the consideration, management and approval of works which are outside the hours defined in condition B1. The Protocol must be approved by the Planning Secretary before commencing these works. The Protocol must: (c) identify an approval process that considers the risk of activities, proposed mitigation, management, and coordination,	OOHW flowchart be revised to include notification to SVC, DPHI and NPWS.	Proposed Action: Noise and Vibration Management Plan inclusive of Out-of-hours Work Flowchart will be revised within 3 months of submission of this audit report in accordance with SSI-9717 Condition C2 to include notification to SVC, DPHI and NPWS.	14/08/2024

B8 (h)	Prior to the commencement of construction, the Proponent must prepare a Spoil Management Plan to the satisfaction of the Planning Secretary for the development. This plan must: (h) include a program to monitor and publicly report on: i) the management of spoil on site; ii) progress against the detailed completion criteria and performance indicators.	It is recommended Section 6 of the Spoil Management Plan be revised to include details to explain how the management of spoil and the progress against the detailed completion criteria and performance indicators would be publicly reported.	Proposed Action: Soil and Water Management Plan will be revised within 3 months of submission of this audit report in accordance with SSI-9717 Condition C2 and EPBC 2018/8363 Conditions 36-41 to include details to explain how the management of spoil and the progress against the detailed completion criteria and performance indicators would be publicly reported	14/08/2024
B16 (b) i)	Prior to the commencement of construction, the Proponent must prepare a Water Management Plan for the development to the satisfaction of the Planning Secretary. This sub-plan must: (b) include provisions for:i) detailed baseline data on surface water flows and quality in the watercourses that could be affected by the development, and a program to augment this baseline data over time;	Baseline surface water flow monitoring is recommended to demonstrate compliance with both condition B15 and B16.	Proponent Response:Baseline data collected by NGH between 2022 and 2024. Pre-Construction Baseline Water Quality report received 11th March. Submitted to Client for review and subsequent review by NSW EPA.Monitoring during construction is detailed within SWMP Appendix F - Water Quality Monitoring Program. Proposed Action:Review outcomes of Baseline Water Quality Report and consultation with NSW EPA in the next six monthly compliance audit 26 weeks from date of initial Independent Environmental Audit held 12-14 March 2024.	12/09/2024
B16 (b) ii)	Prior to the commencement of construction, the Proponent must prepare a Water Management Plan for the development to the satisfaction of the Planning Secretary. This sub-plan must: (b) include provisions for: ii) detailed criteria for determining surface water impacts of the development (flows, quality and flooding), including criteria for triggering remedial action (if necessary)	It is recommended given that two years of baseline surface water quality monitoring data is now available it is recommended that the WQMP be updated to incorporate site specific water quality monitoring trigger values.	Proponent Response: Baseline data collected by NGH between 2022 and 2024. Pre-Construction Baseline Water Quality report received 11th March. Submitted to Client for review and subsequent review by NSW EPA. Monitoring during construction is detailed within SWMP Appendix F - Water Quality Monitoring Program. Proposed Action: Review outcomes of Baseline Water Quality Report and consultation with NSW EPA in the next six monthly compliance audit.	12/09/2024
B18 (b)	Prior to carrying out any development that would impact on biodiversity values outside Kosciuszko National Park, the Proponent must prepare a Biodiversity Offset Package (Package) that is consistent with the EIS, in consultation with BCS, to the satisfaction of the Planning Secretary in writing. The Package must include, but not necessarily be limited to: (b) the cost for each specific biodiversity offset measures, which would be required to be paid into the Biodiversity Conservation Fund if the relevant measures is not implemented and delivered (as calculated in accordance with Division 6 of the Biodiversity Conservation Act 2016 (NSW)) and the offset payment calculator that was established as of 9 August 2021;	It is recommended for completeness the BOP be revised to include additional details of how the cost for each specific biodiversity offset measure was calculated.	Proposed Action: Biodiversity Offset Package will be revised within 3 months of submission of this audit report in accordance with SSI-9717 Condition C2 to include additional details of how the cost for each specific biodiversity offset measure was calculated.	14/08/2024
B28	Prior to commencing construction in Project Area West, the proponent must implement the road upgrades and the mitigation measures identified in the Transport Strategy in condition B27, to the satisfaction of the relevant roads authority/manager.	It is recommended that Transgrid seek written confirmation from the relevant roads authority/manager that the road upgrades have been completed to their satisfaction.	Action Taken: As per NC-02, request issued to Snowy Valley's Council (SVC) for inspection of works undertaken at Elliott Way intersection. Verifiable evidence (email correspondence) will be issued to NSW Planning Secretary for information via Major Projects Portal on receipt to support works undertaken at Elliott Way Intersection were completed to the satisfaction of the relevant roads authority/manager (SVC).	31/05/2024

B32 (d) i	<p>Prior to commencing construction or road upgrades identified in condition B27 (whichever comes first), the Proponent must prepare a Traffic Management Plan for the development in consultation with FCNSW, NPWS, TfNSW, Snowy Valleys Council, Snowy Monaro Regional Council and NSW Police, and to the satisfaction of the Planning Secretary. This plan must include:</p> <ul style="list-style-type: none"> (a) details of the transport route to be used for all development-related traffic; (b) details of the road upgrade works required by condition B27 of this approval; (c) details of the measures that would be implemented to comply with the transport management requirements in conditions B25 to B30 above; (d) details of the measures that would be implemented to: <ul style="list-style-type: none"> i) minimise traffic safety impacts of the development and disruptions to local road users during construction, upgrading or decommissioning works, including: <ul style="list-style-type: none"> • a description of the proposed dilapidation surveys required by condition B29 of this approval; • a description of the proposed measures for managing traffic flow around the work sites, construction compounds and accommodation camp; • scheduling heavy vehicle movements to avoid peak periods; 	It is recommended that within the Traffic & Transport Management Plan that Appendix C Fatigue Management procedure is revised to reflect Project and remove references to rail.	Proposed Action: Traffic and Transport Management Plan will be revised within 3 months of submission of this audit report in accordance with SSI-9717 Condition C2 to remove all references to rail from Appendix C Fatigue Management procedure.	14/08/2024
B32 (d) i	<ul style="list-style-type: none"> • minimising convoy lengths; • reducing the speeds of development-related traffic at key intersections along the Snowy Mountains Highway, including the Link Road intersection; • temporary traffic controls, including detours and signage; • procedures for stringing cables and transmission lines across roads and Talbingo Reservoir; • notifying the local community about development related traffic impacts; • procedures for receiving and addressing complaints from the community about development-related traffic; • minimising potential cumulative traffic impacts with other projects in the area; • minimising potential conflict between development-related traffic and rail services, stock movements and school buses, in consultation with local schools, including preventing queueing on the public road network; • minimising impacts to the public using Talbingo Reservoir and any water related infrastructure such as the O'Hares campground boat ramp; • implementing measures to minimise development related traffic on the public road network outside standard construction hours; • minimising dirt and debris tracked on to the public road network from development related-traffic; 	It is recommended that within the Traffic & Transport Management Plan that Appendix D Snow and Ice Traffic Management Plan is revised to include details of flooding.	Proposed Action:Traffic and Transport Management Plan will be revised within 3 months of submission of this audit report in accordance with SSI-9717 Condition C2 to include details of flooding in Appendix D Snow and Ice Traffic Management Plan.	14/08/2024
B32 (d) i	<ul style="list-style-type: none"> • details of the employee shuttle bus service, including pick-up and drop-off points and associated parking arrangements for construction workers, and measures to encourage employee use of this service; • encouraging car-pooling or ride sharing by employees; • scheduling the haulage vehicle movements to minimise convoy lengths or platoons; • responding to local climate conditions that may affect road safety, such as snow, ice, fog, dust, wet weather and flooding; • ensuring loaded vehicles entering or leaving the site have their loads covered or contained and leave site in a forward direction; • responding to any emergency repair or maintenance requirements; • provisions for maintaining access to the site for FCNWS, NPWS and emergency vehicle access to the site at all times; • a traffic management system for managing overdimensional vehicles; and • fatigue management; 	It is recommended the Traffic & Transport Management Plan be revised to include details of employee shuttle bus service, including pick-up and drop-off points and associated parking arrangements for construction workers	Proposed Action: Traffic and Transport Management Plan will be revised within 3 months of submission of this audit report in accordance with SSI-9717 Condition C2 to include details of employee shuttle bus service, including pick-up and drop-off points and associated parking arrangements for construction workers	14/08/2024
B36 (c) i) / ii)	<p>Prior to the commencement of construction, the Proponent must prepare a Visual Impact Management Plan for the development to the satisfaction of the Planning Secretary. This plan must:</p> <p>(c) include detailed plans for minimising the visual impacts of the following permanent infrastructure:</p> <ul style="list-style-type: none"> i) Maragle switchyard and substation; ii) transmission line, towers and easement. 	It is recommended the Visual Impact Management Plan be revised to include detailed plans for minimising visual impacts of the Maragle substation and transmission line easement.	Proposed Action: Visual Impact Management Plan will be revised within 3 months of submission of this audit report in accordance with SSI-9717 Condition C2 to include detailed plans for minimising visual impacts of the Maragle substation and transmission line easement.	14/08/2024

B39	The Proponent must ensure that the storage, handling, and transport of dangerous goods is undertaken in accordance with the relevant Australian Standards and guidelines, particularly AS1940 The storage and handling of flammable and combustible liquids and AS/NZS 1596:2014 The storage and handling of LP Gas, the Dangerous Goods Code, and the EPA's Storing and Handling of Liquids: Environmental Protection – Participants Manual.	Site managers / supervisors to ensure adequate fit for purpose storage containers / areas available to meet site volume requirements for chemical and hydrocarbons and that all hydrocarbon and chemical storage areas are routinely monitored.	Proponent Response: Site managers / supervisors will ensure adequate fit for purpose storage containers / areas available to meet site volume requirements for chemical and hydrocarbons and that all hydrocarbon and chemical storage areas are routinely monitored.	N/A
B44	The importation of waste and storage, treatment, processing, reprocessing or disposal of such waste must comply with the Protection of the Environment Operations Act 1997, the Protection of the Environment Operations (Waste) Regulation 2014, and orders or exemptions under the regulation.	Transgrid should develop a waste tracking register for the Project that records details of all wastes generated by or imported to the Project area including details of treatment, processing, classification and disposal by licenced contractors to a licensed land disposal facility that covers both the East and West Project alignments.	Proponent Response: A waste tracking register has implemented for the Project to record details of all wastes generated by or imported to the Project area including details of treatment, processing, classification and disposal by licenced contractors to a licensed disposal facility for the West Project alignment. Proposed Action: Transgrid/UGL to work with Snowy 2.0 Main Works coordinators from Future Generation Joint Venture (FGJV) and Snowy Hydro Limited (SHL) to confirm waste tracking detail in accordance with Condition B44. To be reviewed at next six-monthly audit.	12/09/2024
B45	Waste must only be exported to a site licensed by the EPA for the storage, treatment, processing, reprocessing or disposal of the subject waste, or in accordance with a Resource Recovery Exemption or Order issued under the Protection of the Environment Operations (Waste) Regulation 2014, or to any other place that can lawfully accept such waste.	It is recommended that Transgrid seek to confirm and document an appropriate waste agreement with a waste disposal site licensed by the EPA for the disposal of waste originating from the West Project alignment.	Proponent Response: As per NC-03, consultation has been undertaken with local EPA licenced waste facilities, specifically Bellettes and Christie's (West). Bellettes has been selected as the preferred provider for the Western Package with evidence (EPA Licences) for Bellettes available for issue to NSW Planning Secretary. The Proponent will seek to confirm and document an appropriate waste agreement with a waste disposal site licensed by the EPA for the disposal of waste originating from the West Project alignment.	31/05/2024
C1 (d) v)	Prior to commencing development, the Proponent must prepare an Environmental Management Strategy for the development to the satisfaction of the Planning Secretary. This strategy must: (d) set out the procedures that would be implemented to: v) respond to emergencies; and	It is recommended Section 3.7 of the EMS is revised to clearly set out the procedures on how to respond in the event of an emergency.	Proposed Action: As per NC-04, EMS will be revised within 3 months of submission of this audit report in accordance with SSI-9717 Condition C2 and EPBC 2018/8363 Conditions 36-41 and will address: - Inclusion of a clear plan or table depicting all monitoring to be carried out in relation to the Project.	14/08/2024
C1 (e) ii)	Prior to commencing development, the Proponent must prepare an Environmental Management Strategy for the development to the satisfaction of the Planning Secretary. This strategy must: (e) include: ii) a clear plan depicting all the monitoring to be carried out in relation to the development, including a table summarising all the monitoring and reporting obligations under the conditions of this approval.	It is recommended the EMS be revised to include clear plan or table depicting all the monitoring to be carried out in relation to the Project.	Proposed Action: As per NC-04, EMS will be revised within 3 months of submission of this audit report in accordance with SSI-9717 Condition C2 and EPBC 2018/8363 Conditions 36-41 and will address: - Inclusion of a clear plan or table depicting all monitoring to be carried out in relation to the Project.	14/08/2024

C11 (a) ii)	The proponent must: (a) make the following information and documents publicly available on its website as relevant to the stage of the development: ii) the final layout plans for the development;	It is recommended the final layout plans be uploaded to the Project website.	Proposed Action: As per NC-05, Final layout plans will be uploaded to the Project Website.	31/05/2024
EPBC Conditions				
4 e.	The Biodiversity Management Plan required under condition B21 of the State Infrastructure Approval must: e. specify detailed criteria for determining surface water impacts (in respect of flows, quality and flooding) of the Action on the Booroolong Frog, including criteria for triggering remedial action (if necessary);	It is recommended that the BMP be revised to include detailed criteria for determining surface water impacts (in respect of flows, quality and flooding) of the Action on the Booroolong Frog. The BMP should also be revised to include a monitoring program capable of detecting the specified criteria for triggering remedial action.	Proposed Action: As per NC-06, BMP will be revised within 3 months of submission of this audit report in accordance with SSI-9717 Condition C2 and EPBC 2018/8363 Conditions 36-41 and will address: - Inclusion of detailed criteria for determining surface water impacts (in respect of flows, quality and flooding) of the Action on the Booroolong Frog;	14/08/2024
4 f.	The Biodiversity Management Plan required under condition B21 of the State Infrastructure Approval must: f. specify a monitoring program capable of detecting any specified criteria for triggering remedial action, if they occur; and	It is recommended baseline surface water flow data is provided to DCCEEW and included in the BMP.	Proposed Action: As per NC-06, BMP will be revised within 3 months of submission of this audit report in accordance with SSI-9717 Condition C2 and EPBC 2018/8363 Conditions 36-41 and will address: - Inclusion of a monitoring program capable of detecting the specified criteria for triggering remedial action.	14/08/2024
EIS Commitments				
CEMP	The CEMP would include: • TransGrid's and the Contractor's environmental policy, objectives, and performance targets for construction	It is recommended the CEMP is revised to include Transgrid's Environmental Policy.	Proposed Action: The CEMP will be revised to include Transgrid's Environmental Policy.	14/08/2024
W4	• No refuelling or bulk herbicide preparation will occur within 40 m of natural drainage lines	It is recommended the generator located at the Maragle temporary construction compound be relocated further away from the drainage line (outside of the 40 m drainage line buffer).	Action Taken:As per NC-13, generator scheduled for replacement, no later than week of 13 May 2024 (scheduled 10 May 2024). New generator will be positioned outside the 40m drainage line buffer.	31/05/2024
L8	The CEMP will include measures to identify and report any newly identified geodiversity sites. It will also include measures to minimise impacts to known geodiversity sites	It is recommended the CEMP is revised to include measures to identify, minimise impacts and report on any new identified geodiversity sites.	Proponent Response: No action required. The Surface Water Management Plan (SWMP) includes Appendix A Spoil Management Plan, specifically Section 4.7 Unexpected Finds. The SWMP includes Appendix H Contaminated Land Management Plan which also includes an Unexpected Finds Procedure for Contaminated Soil (Appendix A) and Section 3.2 which highlights KNP Geodiversity Action Plan (OEH 2012) and geo-heritage, highlighting existing geodiversity sites (i.e. geo-heritage sits). The Project has also developed a Heritage Management Plan, which includes Appendix B (Historical Heritage Management Plan) which details measures to minimise impacts to known geo-heritage sites - Section 5.2.4 of the Historic Heritage Management Plan provides detail on known and potential discovery of natural heritage within the Project inclusive of geodiversity sites. Newly identified sites would be managed under the unexpected find protocol. The CEMP includes Section 7.2 which details the process for External Communications and Section 9.4 Reporting which sets out the reporting requirements for the project, timing of the reporting, responsibilities and intended recipients. These reporting mechanisms shall include reporting on geodiversity sites. The project acknowledges that the Amendment Report details inclusion in the CEMP and it should be noted that the SWMP and HMP are subplans of the CEMP and forms part of the UGL Environmental Management System.	N/A

SE2	<ul style="list-style-type: none">• A worker accommodation strategy will be prepared for the project to manage demand for tourist accommodation from the construction workforce during the construction phase and post construction• Maximise the use of the Snowy 2.0 works accommodation where possible to minimise demand for local accommodation• Consider local business opportunities in project procurement practices, including encouraging contractors to source local goods and services, where possible• Identify and communicate to local communities (prior to and during construction) opportunities and requirements for work on the project.	It is recommended the accommodation strategy is revised and updated to align with industry standards for accommodation strategies for state significant projects and consider the NSW Government's Cumulative Impact Assessment Guidelines for State Significant Projects.	Proposed Action: Workers accommodation strategy will be revised and updated to align with industry standards for accommodation strategies for state significant projects and consider the NSW Government's Cumulative Impact Assessment Guidelines for State Significant Projects.	14/08/2024
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Attachment A – Section 138 Certificate, Snowy Valleys Council

Assessment No. 83930**Roads Act 1993 Sections 138 & 223**

Construction Certificate No	RDA 2023-0043
Applicant's Name:	Darrel Van Bruchem – UGL Pty Ltd
Address:	40 Miller Street NORTH SYDNEY 2060
Owner's Name:	The State of New South Wales
Address:	C/- Snowy Valleys Council 76 Capper Street TUMUT NSW
Subject Land:	Lots 2 & 3 DP 755895 - Elliott Way NURENMERENMONG
Development Approval No.	N/A
Description of Construction:	Rural Property Access
Date of Determination:	19 October 2023

Conditions required to be attached by the Development Approval are:

N/A

Notes from the Development Application

N/A

Reasons for Conditions

- > To minimize the likely adverse environmental impact
- > To protect Councils existing infrastructure
- > To ensure protection of the amenity and character of the neighborhood
- > To ensure that the works comply with the provisions of Council's codes, policies and specifications.

To ensure that the works comply with the provisions

To ensure that the works do not detrimentally affect the scenic quality of the area.

Inspections**Inspections are to be obtained at the following major stages.**

1. Prior to construction
2. Completion

Note: Quality test results and records should be available to the inspector at all times on-site or at a nominated location.

Requests for inspection/s and Compliance Certificates are to be arranged at least 24 hours before the inspection is required. Contact Council Support Staff on 02 69412555.

Plans and specifications approved

Specifications reference:

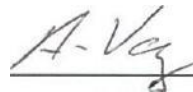
- **RURAL DRIVEWAY/ACCESS CONSTRUCTION PROCEDURE AND SPECIFICATION**
- **ELLIOT WAY ACCESS ROAD INTERSECTION PLAN - MRG-200110.E.IFC (Option 2) - TRANSGRID**

Applicants concerned with any of the conditions are invited to discuss the matter with Council staff.

ROAD OPENING PERMIT:

I, ANDREW VAZ certify that the work if completed in accordance with these plans and specifications will comply with the requirements of Section 138 of the Roads Act 1993.

Name: ANDREW VAZ Signature
Coordinator Roads Survey & Design



Date: 20 October 2023

Prior to commencement of works 138 & 223 of the Roads Act 1993 must be satisfied.

PRIVACY STATEMENT

Snowy Valleys Council (council) is collecting your personal information solely for the purpose of administering this application. Council will take all reasonable and appropriate steps to protect the privacy of individuals having regard to the requirements of the *Privacy and Personal Information Protection Act 1998* and the *Government Information (Public Access) Act 2009*. Council will not disclose your personal information to any person or body if it is not directly related to the purpose for which the information was collected. Questions concerning privacy or the use of your personal information may be referred to Council's Public Officer.

Doc Id: 1957019

SVC

RURAL DRIVEWAY/ACCESS CONSTRUCTION PROCEDURE AND SPECIFICATION INFORMATION PACK

The following procedure and minimum specifications/conditions apply to any proposal to construct a rural driveway/access within a Snowy Valleys Council (SVC) controlled road reserve. Where the road is controlled by another authority, Council will seek concurrence from that authority. The authority may impose further conditions.

1. Background information

- 1.1. A Road Opening Application under Section 138 of the Roads Act 1993 must be lodged with Council.
 - 1.2. Details to be included with the application:
 - Accurate description of the land to be serviced by the access, including Lot and DP number
 - Details of the location, type and size of access (this should include a plan and construction detail)
 - Name of the applicant and consent of the owner (if not the applicant)
 - Name of contractor that will carry out the works (if known) along with a copy of appropriate insurances (clause 2.1) and a site specific TCP (clause 2.2)
 - When the works are likely to take place
 - Sight distance to the proposed access (clauses 1.3 & 1.4)
 - Details of the size, length, type and location of any proposed culvert (if required) and headwalls (clauses 2.14 - 16)
 - 1.3. The proposed property access should be safely sited so as to obtain the maximum possible sight distance.

The absolute minimum sight distance requirement to achieve is the Approach Sight Distance (ASD) (as detailed in the Austroads Guide to Road Design Part 4A 2017 – copy attached).
 - 1.4. Precise sight distance must be determined and endorsed by an industry professional (Snowy Valleys Council Survey & Design staff member, a licensed Surveyor or Road Engineer) and submitted with the application.
 - 1.5. The applicant must arrange for a site inspection by a SVC staff member prior to construction in order to confirm; site location, type and size of access, sight distance and culvert details.
-

1.6. A fee is payable in accordance with Council's Fees and Charges Schedule. This includes an administration component and a maximum of 2 site inspections by SVC staff).

1.7. The applicant must arrange for a final inspection by a SVC staff member after which a Compliance Certificate will be issued on the satisfactory completion of the agreed works.

2. Construction specifications/conditions (*also refer to attached standard drawing R-0053*)

2.1. An owner or his agent, having obtained approval to construct an access, will be covered by Council's insurance, providing the specification for the work is adhered to.

2.2. A Traffic Control Plan (TCP), endorsed by an appropriately and currently certified person, must also be submitted to Council prior to the commencement of the construction works. The TCP must be implemented whilst the construction works are in progress within the road reserve.

2.3. No construction shall commence until Clauses 2.1 and 2.2 have been satisfied. This is a procedural **HOLD POINT**.

2.4. The submitted TCP (if approved) can only be used with the property access works noted in the construction approval. The approval to use the submitted TCP is therefore not transferable to any other works.

2.5. The set out required to implement the relevant traffic control plan can only be undertaken by an appropriately and currently certified person.

2.6. A TCP checklist must be correctly maintained and submitted during the final inspection (refer to the most current version RMS Traffic Control at Work Sites Manual).

2.7. No construction spoil will be allowed to fall or remain on the roadway.

2.8. The minimum setback of any new gate must be sufficient to allow off-road parking for a semi-trailer, being 20 metres (measured from the edge of the shoulder). Should longer service vehicles be anticipated then the setback must be increased accordingly.

2.9. There is however no minimum setback for a new gate in a rural residential development, being LEP zone 1C or 1C1. This might also apply to other rural lots that will not support or be used for commercial farming purposes.

- 2.10. There is no minimum setback for a new stock grid in any rural development provided that the largest anticipated service vehicle can safely and efficiently access the stock grid in a single forward movement (manufacturer's design specifications must be provided as evidence). If this clause cannot be satisfied then clause 2.8 will apply.
 - 2.11. The crossfall of the road pavement must be maintained for a distance of at least 1.5 metres from the edge of shoulder (or the traffic lane in the absence of a road shoulder).
 - 2.12. The access must be designed to accommodate the largest anticipated forward moving service vehicle since all vehicle movements must be in a forward moving direction only, including access on and off the roadway.
 - 2.13. A minimum 100mm deep compacted base layer of gravel must be placed on the access area between the road edge and the grid or gate so as to provide a safe, non-slippery, all weather surface.
 - 2.14. Where table drain culvert pipes are required under the access, minimum 375mm diameter shall be used. Larger diameter pipes may be required where greater table drain flows can be anticipated (or as advised by Snowy Valleys Council staff).

The pipes shall be located a minimum distance of 2.0m from the edge of the existing road shoulder.
 - 2.15. The culvert pipes shall be designed to support typical road vehicle loadings and must be covered with suitable road base material to a minimum depth specified by the manufacturer.
 - 2.16. Matching headwalls will also be placed on each end of the culvert pipes and the headwalls will be of the mountable type where the culvert is placed within the clear zone of the road as determined by the Austroads Guide to Road Design Part 6 Table 4.1 (copy attached).
 - 2.17. If approved a reinforced concrete dish may be used in lieu of a reinforced concrete pipe culvert. The concrete dish shall be 150mm thick constructed using 25 MPa concrete, reinforced with 1 layer of F72 mesh centrally placed. The dish shall be placed in the table drain and be of sufficient width to carry the crossing formation.
 - 2.18. The access shall be sealed from the existing bitumen edge of the road to the property boundary, using a two coat bitumen seal. A lesser length may be considered on merits. This condition will not be applied to accesses off gravel roads. Sealing may be required on suitable splays each side to cater for turning movements.
-

Attachments:

1. Austroads Guide to Road Design Part 4A Table 3.1
2. Austroads Guide to Road Design Part 6 Table 4.1
3. SVC standard drawing R-0053

Table 3.1: Approach sight distance (ASD) and corresponding minimum crest vertical curve size for sealed roads ($S < L$)

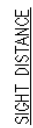
Design speed (km/h)	Based on approach sight distance for a car ⁽¹⁾ $h_1 = 1.1, h_2 = 0, d = 0.36^{(2)}$					
	$R_T = 1.5 \text{ sec}^{(3)}$		$R_T = 2.0 \text{ sec}$		$R_T = 2.5 \text{ sec}$	
	ASD (m)	K	ASD (m)	K	ASD (m)	K
40	34	5.3	40	7.2	–	–
50	48	10.5	55	13.8	–	–
60	64	18.8	73	24.0	–	–
70	83	31.1	92	38.9	–	–
80	103	48.5	114	59.5	–	–
90	126	72.3	139	87.3	151	104
100	151	104	165	124	179	146
110	–	–	193	171	209	198
120	–	–	224	229	241	264
130	–	–	257	301	275	344

Table 4.1: Clear zone distances from edge of through travelled way

Design speed (km/h)	Design ADT	Clear zone width (m)					
		Fill batter			Cut batter		
		6:1 to flat	4:1 to 5:1	3:1 and steeper ⁽²⁾	6:1 to flat	4:1 to 5:1	3:1 and steeper ⁽²⁾
≤ 60	< 750	3.0	3.0	⁽²⁾	3.0	3.0	3.0
	750 – 1500	3.5	4.5	⁽²⁾	3.5	3.5	3.5
	1501 – 6000	4.5	5.0	⁽²⁾	4.5	4.5	4.5
	> 6000	5.0	5.5	⁽²⁾	5.0	5.0	5.0
70 – 80	< 750	3.5	4.5	⁽²⁾	3.5	3.0	3.0
	750 – 1500	5.0	6.0	⁽²⁾	5.0	4.5	3.5
	1501 – 6000	5.5	8.0	⁽²⁾	5.5	5.0	4.5
	> 6000	6.5	8.5	⁽²⁾	6.5	6.0	5.0
90	< 750	4.5	5.5	⁽²⁾	3.5	3.5	3.0
	750 – 1500	5.5	7.5	⁽²⁾	5.5	5.0	3.5
	1501 – 6000	6.5	9.0	⁽²⁾	6.5	5.5	5.0
	> 6000	7.5	10.0 ⁽¹⁾	⁽²⁾	7.5	6.5	5.5
100	< 750	5.5	7.5	⁽²⁾	5.0	4.5	3.5
	750 – 1500	7.5	10.0 ⁽¹⁾	⁽²⁾	6.5	5.5	4.5
	1501 – 6000	9.0	12.0 ⁽¹⁾	⁽²⁾	8.0	6.5	5.5
	> 6000	10.0 ⁽¹⁾	13.5 ⁽¹⁾	⁽²⁾	8.5	8.0	6.5
110	< 750	6.0	8.0	⁽²⁾	5.0	5.0	3.5
	750 – 1500	8.0	11.0 ⁽¹⁾	⁽²⁾	6.5	6.0	5.0
	1501 – 6000	10.0 ⁽¹⁾	13.0 ⁽¹⁾	⁽²⁾	8.5	7.5	6.0
	> 6000	10.5 ⁽¹⁾	14.0 ⁽¹⁾	⁽²⁾	9.0	9.0	7.5



DEPENDENT ON THE TYPE OF SOIL EROSION, PROTECTION SHOULD BE PLACED IN THE SIDE DRAINS OF ALL ACCESSES ABOVE 1:20 SLOPES. THIS CAN BE ACHIEVED BY THE PLACEMENT OF ROCK PITCHING IN THE DRAIN TO SLOW THE SPEED OF WATER AND MINIMISE EROSION. ROCKS SHOULD BE BETWEEN 100mm AND 300mm DIAMETER.

[illegible]

Attachment B – Environmental Protection Licence, Tumut Waste Pty Ltd (Belletes)



Environment Protection Licence

Licence - 20596

Licence Details

Number:	20596
Anniversary Date:	01-July

Licensee

TUMUT WASTE PTY LTD

PO BOX 227

TUMUT NSW 2720

Premises

BELLETES LANDFILL GILMORE

10 KILLARNEY ROAD

GILMORE NSW 2720

Scheduled Activity

Waste disposal (application to land)

Fee Based Activity

Waste disposal by application to land

Scale

Any capacity

Contact Us

NSW EPA

6 Parramatta Square

10 Darcy Street

PARRAMATTA NSW 2150

Phone: 131 555

Email: info@epa.nsw.gov.au

Locked Bag 5022

PARRAMATTA NSW 2124



Environment Protection Licence

Licence - 20596

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Environment Protection Licence

Licence - 20596

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Environment Protection Licence

Licence - 20596

Information about this licence

Dictionary

A definition of terms used in the licence can be found in the dictionary at the end of this licence.

Responsibilities of licensee

Separate to the requirements of this licence, general obligations of licensees are set out in the Protection of the Environment Operations Act 1997 ("the Act") and the Regulations made under the Act. These include obligations to:

- ensure persons associated with you comply with this licence, as set out in section 64 of the Act;
- control the pollution of waters and the pollution of air (see for example sections 120 - 132 of the Act);
- report incidents causing or threatening material environmental harm to the environment, as set out in Part 5.7 of the Act.

Variation of licence conditions

The licence holder can apply to vary the conditions of this licence. An application form for this purpose is available from the EPA.

The EPA may also vary the conditions of the licence at any time by written notice without an application being made.

Where a licence has been granted in relation to development which was assessed under the Environmental Planning and Assessment Act 1979 in accordance with the procedures applying to integrated development, the EPA may not impose conditions which are inconsistent with the development consent conditions until the licence is first reviewed under Part 3.6 of the Act.

Duration of licence

This licence will remain in force until the licence is surrendered by the licence holder or until it is suspended or revoked by the EPA or the Minister. A licence may only be surrendered with the written approval of the EPA.

Licence review

The Act requires that the EPA review your licence at least every 5 years after the issue of the licence, as set out in Part 3.6 and Schedule 5 of the Act. You will receive advance notice of the licence review.

Fees and annual return to be sent to the EPA

For each licence fee period you must pay:

- an administrative fee; and
- a load-based fee (if applicable).

Environment Protection Licence

Licence - 20596

The EPA publication “A Guide to Licensing” contains information about how to calculate your licence fees. The licence requires that an Annual Return, comprising a Statement of Compliance and a summary of any monitoring required by the licence (including the recording of complaints), be submitted to the EPA. The Annual Return must be submitted within 60 days after the end of each reporting period. See condition R1 regarding the Annual Return reporting requirements.

Usually the licence fee period is the same as the reporting period.

Transfer of licence

The licence holder can apply to transfer the licence to another person. An application form for this purpose is available from the EPA.

Public register and access to monitoring data

Part 9.5 of the Act requires the EPA to keep a public register of details and decisions of the EPA in relation to, for example:

- licence applications;
- licence conditions and variations;
- statements of compliance;
- load based licensing information; and
- load reduction agreements.

Under s320 of the Act application can be made to the EPA for access to monitoring data which has been submitted to the EPA by licensees.

This licence is issued to:

TUMUT WASTE PTY LTD
PO BOX 227
TUMUT NSW 2720

subject to the conditions which follow.

Environment Protection Licence

Licence - 20596

1 Administrative Conditions

A1 What the licence authorises and regulates

- A1.1 This licence authorises the carrying out of the scheduled activities listed below at the premises specified in A2. The activities are listed according to their scheduled activity classification, fee-based activity classification and the scale of the operation.

Unless otherwise further restricted by a condition of this licence, the scale at which the activity is carried out must not exceed the maximum scale specified in this condition.

Scheduled Activity	Fee Based Activity	Scale
Waste disposal (application to land)	Waste disposal by application to land	Any capacity

A2 Premises or plant to which this licence applies

- A2.1 The licence applies to the following premises:

Premises Details
BELLETES LANDFILL GILMORE
10 KILLARNEY ROAD
GILMORE
NSW 2720
LOT 62 DP 757252, LOT 94 DP 757252

A3 Information supplied to the EPA

- A3.1 Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence.

In this condition the reference to "the licence application" includes a reference to:

- a) the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; and
- b) the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.

- A3.2 Except as expressly provided by these general terms of approval, works and activities must be carried out in accordance with the proposal contained in:
- a) The Development Application 2019/0172 submitted to Snowy Valleys Council dated 14 November 2019;
 - b) The Environmental Impact Assessment titled 'Bellettes Landfill Expansion' (November 2019) relating to the development; and
 - c) All addition documents supplied to the EPA in relation to the development, including the 'Updated Noise and Vibration Report' (March 2020).

Environment Protection Licence

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2 Discharges to Air and Water and Applications to Land

P1 Location of monitoring/discharge points and areas

P1.1 The following utilisation areas referred to in the table below are identified in this licence for the purposes of the monitoring and/or the setting of limits for any application of solids or liquids to the utilisation area.

P1.2 The following points referred to in the table are identified in this licence for the purposes of the monitoring and/or the setting of limits for discharges of pollutants to water from the point.

Water and land

EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
1	Groundwater quality monitoring		Borehole labelled 'GWB1' on drawing titled "Site Plan" no 171108sp.dwg dated 10.11.2017 (EPA reference DOC21/1090947-3)
2	Groundwater quality monitoring		Borehole labelled 'GWB2' on drawing titled "Site Plan" no 171108sp.dwg dated 10.11.2017 (EPA reference DOC21/1090947-3)
3	Groundwater quality monitoring		Borehole labelled 'GWB3D' on drawing titled "Site Plan" no 171108sp.dwg dated 10.11.2017 (EPA reference DOC21/1090947-3)
4	Groundwater quality monitoring		Borehole labelled 'GWB4' on drawing titled "Site Plan" no 171108sp.dwg dated 10.11.2017 (EPA reference DOC21/1090947-3)
5	Groundwater quality monitoring		Borehole labelled 'GWB5' on drawing titled "Site Plan" no 171108sp.dwg dated 10.11.2017 (EPA reference DOC21/1090947-3)
6	Groundwater quality monitoring		Borehole labelled 'GWB6' on drawing titled "Site Plan" no 171108sp.dwg dated 10.11.2017 (EPA reference DOC21/1090947-3)
7	Groundwater quality monitoring		Borehole labelled 'GWB3S' on drawing titled "Site Plan" no 171108sp.dwg dated 10.11.2017 (EPA reference DOC21/1090947-3)
8	Surface water monitoring		Dam 3 outlet
9	Surface water monitoring		Creek at western boundary of the landfill

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10	Leachate monitoring	Leachate sump labelled 'LS1C' on drawing titled "Site Plan" no 171108sp.dwg dated 10.11.2017 (EPA reference DOC21/1090947-3)
11	Leachate monitoring	Leachate sump labelled 'LS2C' on drawing titled "Site Plan" no 171108sp.dwg dated 10.11.2017 (EPA reference DOC21/1090947-3)
12	Leachate monitoring	Leachate sump labelled 'LS3C' on drawing titled "Site Plan" no 171108sp.dwg dated 10.11.2017 (EPA reference DOC21/1090947-3)
13	Leachate monitoring	Leachate sump labelled 'LS3D' on drawing titled "Site Plan" no 171108sp.dwg dated 10.11.2017 (EPA reference DOC21/1090947-3)
14	Leachate monitoring	Leachate sump labelled 'LS4A' on drawing titled "Site Plan" no 171108sp.dwg dated 10.11.2017 (EPA reference DOC21/1090947-3)
15	Leachate monitoring	Leachate sump labelled 'LS5A' on drawing titled "Site Plan" no 171108sp.dwg dated 10.11.2017 (EPA reference DOC21/1090947-3)
16	Leachate monitoring	Leachate sump labelled 'LS6A' on drawing titled "Site Plan" no 171108sp.dwg dated 10.11.2017 (EPA reference DOC21/1090947-3)
17	Leachate monitoring	Leachate sump labelled 'LS7A' on drawing titled "Site Plan" no 171108sp.dwg dated 10.11.2017 (EPA reference DOC21/1090947-3)
18	Leachate monitoring	Leachate sump labelled 'LS8A' on drawing titled "Site Plan" no 171108sp.dwg dated 10.11.2017 (EPA reference DOC21/1090947-3)
19	Leachate monitoring	Leachate sump labelled 'LS10' on drawing titled "Site Plan" no 171108sp.dwg dated 10.11.2017 (EPA reference DOC21/1090947-3)
26	Groundwater quality monitoring	Borehole labelled 'GWB7' on drawing titled "Proposed Ground water and Monitoring Locations" Plan no 610.17372.D18 dated July 2019 (EPA reference DOC21/1090947-3)
27	Groundwater quality monitoring	Borehole labelled 'GWB8' on drawing titled "Proposed Ground water and Monitoring Locations" Plan no 610.17372.D18 dated July 2019 (EPA reference DOC21/1090947-3)

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28	Groundwater quality monitoring	Borehole labelled 'GWB9' on drawing titled "Proposed Ground water and Monitoring Locations" Plan no 610.17372.D18 dated July 2019 (EPA reference DOC21/1090947-3)
29	Groundwater quality monitoring	Borehole labelled 'GWB10' on drawing titled "Proposed Groundwater and Monitoring Locations" Plan no 610.17372.D18 dated July 2019 (EPA reference DOC21/1090947-3)
30	Groundwater quality monitoring	Borehole labelled 'GWB11' on drawing titled "Proposed Ground water and Monitoring Locations" Plan no 610.17372.D18 dated July 2019 (EPA reference DOC21/1090947-3)
31	Groundwater quality monitoring	Borehole labelled 'GWB12' on drawing titled "Proposed Ground water and Monitoring Locations" Plan no 610.17372.D18 dated July 2019 (EPA reference DOC21/1090947-3)
32	Groundwater quality monitoring	Borehole labelled 'GWB13' on drawing titled "Proposed Ground water and Monitoring Locations" Plan no 610.17372.D18 dated July 2019 (EPA reference DOC21/1090947-3)
33	Groundwater quality monitoring	Borehole labelled 'GWB3' on drawing titled "Proposed Ground water and Monitoring Locations" Plan no 610.17372.D18 dated July 2019 (EPA reference DOC21/1090947-3)
34	Leachate monitoring	Leachate sump labelled 'LS12' on drawing titled "Site Plan" no 171108sp.dwg dated 10.11.2017 (EPA reference DOC21/1090947-3)
35	Leachate monitoring	Leachate sump labelled 'LS11' on drawing titled "Site Plan" no 171108sp.dwg dated 10.11.2017 (EPA reference DOC21/1090947-3)

P1.3 The following points referred to in the table below are identified in this licence for the purposes of weather and/or noise monitoring and/or setting limits for the emission of noise from the premises.

Noise/Weather

EPA identification no.	Type of monitoring point	Location description
20	Noise monitoring	Lot 101 DP 129158, 40 Whatmans Lane, Gilmore NSW 2720

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21	Noise monitoring	Lot 1 DP 500263, 21 GILMORE MILL ROAD, Gilmore NSW 2720
22	Noise monitoring	Lot 1 DP 1041444, 25 GILMORE MILL ROAD, Gilmore NSW 2720
23	Noise monitoring	Lot 4 DP 1041444, 49 GILMORE MILL ROAD, Gilmore NSW 2720
24	Noise monitoring	Lot 147 DP 757229, 53 GILMORE MILL ROAD, Gilmore NSW 2720
25	Noise monitoring	Lot 1 DP 46590, 66 GILMORE MILL ROAD, Gilmore NSW 2720

3 Limit Conditions

L1 Pollution of waters

L1.1 Except as may be expressly provided in any other condition of this licence, the licensee must comply with section 120 of the Protection of the Environment Operations Act 1997.

L2 Concentration limits

L2.1 For each monitoring/discharge point or utilisation area specified in the table/s below (by a point number), the concentration of a pollutant discharged at that point, or applied to that area, must not exceed the concentration limits specified for that pollutant in the table.

L2.2 Where a pH quality limit is specified in the table, the specified percentage of samples must be within the specified ranges.

L2.3 To avoid any doubt, this condition does not authorise the pollution of waters by any pollutant other than those specified in the table/s.

L2.4 Water and/or Land Concentration Limits

POINT 8,9

Pollutant	Units of Measure	50 Percentile concentration limit	90 Percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
pH	pH				6.5-8.5
Total suspended solids	milligrams per litre				50

L2.5 The Total Suspended Solids concentration limits specified in the table above may be exceeded for water

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discharge from the sediment basin provided that:

- a) the discharge occurs solely as a result of rainfall measured at the premises that exceeds 33 millimetres (mm) over any consecutive 5 day period immediately prior to the discharge occurring; and
- b) all practical measures have been implemented to dewater all sediment dams within 5 days of rainfall such that they have sufficient capacity to store run off from a 33 mm, 5 day rainfall event

L3 Waste

- L3.1 The licensee must not cause, permit or allow any waste to be received at the premises, except the wastes expressly referred to in the column titled "Waste" and meeting the definition, if any, in the column titled "Description" in the table below.

Any waste received at the premises must only be used for the activities referred to in relation to that waste in the column titled "Activity" in the table below.

Any waste received at the premises is subject to those limits or conditions, if any, referred to in relation to that waste contained in the column titled "Other Limits" in the table below.

This condition does not limit any other conditions in this licence.

Code	Waste	Description	Activity	Other Limits
NA	Waste tyres	As defined in Schedule 1 of the POEO Act as in force from time to time	Waste disposal (application to land)	Total quantity of waste disposed of by application to land in each annual reporting period must not exceed 5 tonnes
NA	General solid waste (non-putrescible)	As defined in Schedule 1 of the POEO Act as in force from time to time	Waste disposal (application to land)	Total quantity of waste disposed of by application to land in each annual reporting period must not exceed 40,000 tonnes

- L3.2 The volume of waste disposed within Cell 10 at the premises must not exceed a total airspace capacity of 499,825 cubic metres (m³).

- L3.3 Extraction limits:

- a) The total material extracted for the construction of Cell 10A must not exceed 76,460m³.
- b) The total material extracted for the construction of Cell 10B must not exceed 147,462m³.

L4 Noise limits

- L4.1 Noise generated at the premises that is measured at each noise monitoring point established under this licence must not exceed the noise levels specified in Column 4 of the table below for that point during the corresponding time periods specified in Column 1 when measured using the corresponding measurement parameters listed in Column 2.

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POINT 20

Time period	Measurement parameter	Measurement frequency	Noise level dB(A)
Day	Morning Shoulder-LAeq(15 minute)	Continuous	40
Morning-Shoulder	Morning Shoulder-LAeq(15 minute)	Continuous	42

POINT 20,21,22,23,24,25

Time period	Measurement parameter	Measurement frequency	Noise level dB(A)
Morning-Shoulder	LAmx	Continuous	52

POINT 21,22

Time period	Measurement parameter	Measurement frequency	Noise level dB(A)
Morning-Shoulder	Morning Shoulder-LAeq(15 minute)	Continuous	43
Day	Morning Shoulder-LAeq(15 minute)	Continuous	45

POINT 23,24,25

Time period	Measurement parameter	Measurement frequency	Noise level dB(A)
Day	Morning Shoulder-LAeq(15 minute)	Continuous	40
Morning-Shoulder	Morning Shoulder-LAeq(15 minute)	Continuous	42

L4.2 For the purpose of condition L4.1.

- "Morning-Shoulder" means the period from 6am to 7am Monday to Friday.
- "Day" means the period from 7am to 6pm Monday to Friday and 8am to 2pm Saturday.

L4.3 Noise-enhancing meteorological conditions

- The noise limits set out in condition L4.1 apply under the following meteorological conditions:
 - Assessment period: day, Meteorological conditions: Stability Categories A,B,C,D and E with wind speeds up to and including 3m/s at 10m above ground level.
 - Assessment period: Morning Shoulder, Metrological conditions: Stability Categories A,B,C,D and E with wind speeds up to and including 3m/s at 10m above ground level; or Stability Category F with wind speeds up to and including 2m/s at 10 m above ground level.
- For those meteorological conditions not referred to in condition L4.3(a), the noise limits that apply are the

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noise limits in condition L4.1 plus 5dB.

L4.4 For the purposes of condition L4.3:

- a) The meteorological conditions are to be determined from meteorological data obtained from the meteorological weather station Identified as Bureau of Meteorology AWS at Tumut, NSW
- b) Stability category shall be determined using the 'Pasquill-Gifford stability classification scheme' method from section D1.3.1 of Fact Sheet D of the Noise Policy for Industry (NSW EPA, 2017):

L4.5 To assess compliance:

- a) with the LAeq(15minute) or the LMax noise limits in condition L4.1 and L4.3, the noise measurement equipment must be located:
 - i. approximately on the property boundary, where any residence is situated 30 metres or less from the property boundary closest to premises; or where applicable,
 - ii. in an area within 30 metres of a residence facade, but not closer than 3 metres where any residence on the property is situated more than 30 metres from the property boundary closest to the premises; or, where applicable,
 - iii. in an area within 50 metres of the boundary of a National Park or Nature Reserve,
 - iv. at any other location identified in condition L4.1
- b) with the LAeq(15minute) or the LMax noise limits in condition L4.1 and L4.3, the noise measurement equipment must be located:
 - i. at the reasonably most affected point at a location where there is no residence at the location; or,
 - ii. at the reasonably most affected point within an area at the location prescribed by condition L4.5(a).

L4.6 A non-compliance of conditions L4.1 and L4.3 will still occur where noise generated from the premises is measured in excess of the noise limit at a point other than the reasonably most affected point at the locations referred to in condition L4.5 (a) or L 4.5 (b).

Note: For condition L4.5 and L4.6: The reasonably most affected point is a point at a location or within an area at a location experiencing or expected to experience the highest sound pressure level from the premises.

L4.7 For the purpose of determining the noise generated from the premises, the modifying factor corrections in Table C1 of the *Noise Policy for industry* (NSW EPA, 2017) may be applied, if appropriate, to the noise measurement by the noise monitoring equipment.

L4.8 Noise measurements must not be undertaken where rain or wind speed at the microphone level will affect acquisition of valid measurements.

L4.9 The noise limits in L4.1 do not apply at 40 Whatmans Lane, Gilmore and 49 Gilmore Mill Road, Gilmore during simultaneous capping, construction and filling activities where a negotiated agreement is in place.

L5 Hours of operation

L5.1 Activities covered by this licence must only be carried out between the hours of 6 am to 6 pm Monday to Friday, and 8 am to 2 pm Saturday, and at no time on Sundays and Public Holidays.

L5.2 This condition does not apply to the delivery of material outside the hours of operation permitted by condition L3.1, if that delivery is required by police or other authorities for safety reasons; and/or the operation or personnel or equipment are endangered. In such circumstances, prior notification must be provided to the

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EPA and affected residents as soon as possible or within a reasonable period in the case of emergency.

- L5.3 The hours of operation permitted by this licence may be varied where there is no significant impact on the ambient levels outside the premises or at any noise sensitive location. The licensee must provide evidence that no significant impact occurs prior to a variation being granted for the hours of operation.
- L5.4 All construction work at the premises must only be carried out between 7am to 6pm Monday to Friday and 8am to 1pm on Saturday. No construction work is to occur on Sundays or Public Holidays.
- L5.5 Activities at the premises, other than construction work, may only be carried out between 6am and 6pm Monday to Friday and 8am to 2pm on Saturday and no operational activities are to occur on Sundays or Public Holidays.
- L5.6 This condition does not apply to the delivery of material outside the hours of operation permitted by condition L5.1 or L5.2, if that delivery is required by police or other authorities for safety reasons; and/or the operation or personnel or equipment are endangered. In such circumstances, prior notification is provided to the EPA and affected residents as soon as possible, or within a reasonable period in the case of emergency.
- L5.7 The hours of operation specified in conditions L5.1 and L5.2 may be varied with written consent if the EPA is satisfied that the amenity of the residents in the locality will not be adversely affected.

L6 Potentially offensive odour

- L6.1 The licensee must not cause or permit the emission of offensive odour beyond the boundary of the premises.

4 Operating Conditions

O1 Activities must be carried out in a competent manner

- O1.1 Licensed activities must be carried out in a competent manner.
This includes:
 - a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and
 - b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.

O2 Maintenance of plant and equipment

- O2.1 All plant and equipment installed at the premises or used in connection with the licensed activity:
 - a) must be maintained in a proper and efficient condition; and
 - b) must be operated in a proper and efficient manner.

O3 Dust

- O3.1 Activities occurring in or on the premises must be carried out in a manner that will minimise the generation, or emission from the premises, of wind-blown or traffic generated dust.

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- O3.2 Trucks entering and leaving the premises that are carrying loads of dust generating materials must have their loads covered at all times, except during loading and unloading.

O4 Emergency response

- O4.1 The licensee must have in place and implement procedures to minimise the risk of fire at the premises.
- O4.2 The licensee must extinguish fires at the premises as soon as possible.
- O4.3 The licensee must have adequate fire prevention measures in place, and ensure that facility personnel are able to access fire-fighting equipment and manage fire outbreaks at any part of the premises in accordance with the landfill management plan.

O5 Processes and management

- O5.1 The licensee must ensure that each waste for recovery/recycling is stockpiled separately.
- O5.2 The licensee must control pests, vermin and weeds at the premises.
- O5.3 The drainage from all areas at the premises which will liberate suspended solids when stormwater runs over these areas must be diverted into effective stormwater controls.
- O5.4 The licensee must take all practicable steps to control entry to the premises.
- O5.5 The licensee must install and maintain a stockproof perimeter fence around the premises.
- O5.6 The licensee must install and maintain lockable security gates at all access and departure locations.
- O5.7 The licensee must ensure that all gates are locked whenever the landfill is unattended.
- O5.8 The licensee must implement the litter management program specified in the landfill management plan

O6 Waste management

- O6.1 The last licensee must prepare and submit to the EPA within 12 months prior to the last load of waste being landfilled a closure plan in accordance with section 76 of the Protection of the Environment Operations Act 1997.
- O6.2 There must be no incineration or burning of any waste at the premises.
- O6.3 The licensee must have in place and implement procedures to identify and prevent the disposal of any waste not permitted by this licence to be disposed of at the premises.



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- O6.4 The licensee must minimise the tracking of waste and mud by vehicles.
- O6.5 The licensee must ensure that waste identified for recycling is stored separately from other waste.
- O6.6 Surface drainage must be diverted away from any area where waste is being or has been landfilled.
- O6.7 Cover material must be applied in accordance with the following requirements unless otherwise approved by the EPA:
- a) Daily Cover - cover material must be applied to a minimum depth of 15 centimetres over all exposed landfilled waste prior to ceasing operations at the end of the day.
 - b) Intermediate Cover- cover material must be applied to a depth of 30 centimetres over surfaces of the landfilled waste at the premises which are to be exposed for more than 90 days.
 - c) Cover material stockpiled - at least two weeks cover material must be available at the premises under all weather conditions.
- O6.8 The leachate collection system and disposal system must be installed and must be capable of capturing all leachate generated from the waste disposed of at the premises.

O7 Other operating conditions

Leachate Management

- O7.1 The leachate storage dam must be designed and constructed in accordance with the leachate barrier system requirements, as specified in section 1 of the Environmental Guidelines: Solid Waste Landfills (NSW EPA, 2016).
- O7.2 Water which contacts waste, other than virgin excavated natural material, must be managed as leachate.
- O7.3 Leachate must only be disposed of by:
- a) Evaporation; or
 - b) Disposal at a facility licensed to accept such waste.
- O7.4 Use of leachate as a dust suppressant outside of the active cell is prohibited.

Leachate Management Plan

- O7.5 The licensee must develop and submit for approval by the EPA a Leachate Management Plan which meets the requirements of the NSW EPA Environmental Guidelines: Solid Waste Landfills (2016) and must include but not be limited to the following:
- Details on the storage, treatment and disposal of leachate generated at the Premises; and
 - Mitigation measure to be implemented to reduce any likely impacts from the leachate.

The Plan must be submitted by electronic mail to info@epa.nsw.gov.au by 5pm on 8 September 2023.

Note: The irrigation of leachate at the Premises is not permitted by this Licence.

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5 Monitoring and Recording Conditions

M1 Monitoring records

- M1.1 The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.
- M1.2 All records required to be kept by this licence must be:
- in a legible form, or in a form that can readily be reduced to a legible form;
 - kept for at least 4 years after the monitoring or event to which they relate took place; and
 - produced in a legible form to any authorised officer of the EPA who asks to see them.
- M1.3 The following records must be kept in respect of any samples required to be collected for the purposes of this licence:
- the date(s) on which the sample was taken;
 - the time(s) at which the sample was collected;
 - the point at which the sample was taken; and
 - the name of the person who collected the sample.

M2 Requirement to monitor concentration of pollutants discharged

- M2.1 For each monitoring/discharge point or utilisation area specified below (by a point number), the licensee must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The licensee must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns:

M2.2 Water and/ or Land Monitoring Requirements

POINT 1,2,3,4,5,6,7

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Yearly	Grab sample
AOX	milligrams per litre	Yearly	Representative sample
Calcium	milligrams per litre	Yearly	Grab sample
Chloride	milligrams per litre	Quarterly	Grab sample
Conductivity	millisiemens per centimetre	Quarterly	Grab sample
Fluoride	micrograms per litre	Yearly	Representative sample
Iron	milligrams per litre	Yearly	Representative sample
Magnesium	milligrams per litre	Yearly	Representative sample
Manganese	milligrams per litre	Yearly	Representative sample
Nitrate + nitrite (oxidised nitrogen)	milligrams per litre	Quarterly	Grab sample
Nitrogen (ammonia)	milligrams per litre	Quarterly	Grab sample
Potassium	milligrams per litre	Yearly	Grab sample

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Sodium	milligrams per litre	Yearly	Grab sample
Standing Water Level	metres (Australian Height Datum)	Quarterly	In situ
Sulfate	milligrams per litre	Yearly	Grab sample
Total organic carbon	milligrams per litre	Quarterly	Representative sample
Total Phenolics	milligrams per litre	Yearly	Grab sample

POINT 1,2,3,4,5,6,7,8,9

Pollutant	Units of measure	Frequency	Sampling Method
pH	pH	Quarterly	Grab sample
Total dissolved solids	milligrams per litre	Quarterly	Representative sample

POINT 8,9

Pollutant	Units of measure	Frequency	Sampling Method
Nitrogen (ammonia)	milligrams per litre	Quarterly	Representative sample
pH	pH	Special Frequency 1	Representative sample
Potassium	milligrams per litre	Quarterly	Representative sample
Total dissolved solids	milligrams per litre	Quarterly	Representative sample
Total organic carbon	milligrams per litre	Quarterly	Representative sample
Total suspended solids	milligrams per litre	Special Frequency 1	Representative sample

POINT 10,11,12,13,14,15,16,17,18,19,26,27,28,29,30,31,32,33,34,35

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Every 6 months	Grab sample
AOX	milligrams per litre	Yearly	Representative sample
Calcium	milligrams per litre	Every 6 months	Grab sample
Chloride	milligrams per litre	Every 6 months	Grab sample
Conductivity	millisiemens per centimetre	Every 6 months	Grab sample
Fluoride	milligrams per litre	Yearly	Grab sample
Iron	milligrams per litre	Yearly	Representative sample
Lead	milligrams per litre	Yearly	Grab sample
Magnesium	milligrams per litre	Every 6 months	Grab sample
Manganese	milligrams per litre	Yearly	Grab sample
Nitrate + nitrite (oxidised nitrogen)	milligrams per litre	Every 6 months	Grab sample
Nitrogen (ammonia)	milligrams per litre	Yearly	Representative sample
pH	pH	Every 6 months	Grab sample
Potassium	milligrams per litre	Every 6 months	Grab sample
Sodium	milligrams per litre	Every 6 months	Grab sample
Standing Water Level	metres (Australian Height Datum)	Quarterly	In situ
Sulfate	milligrams per litre	Every 6 months	Grab sample

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Total dissolved solids	milligrams per litre	Every 6 months	Grab sample
Total organic carbon	milligrams per litre	Every 6 months	Grab sample
Total Phenolics	milligrams per litre	Every 6 months	Grab sample

M2.3 Air Monitoring Requirements

POINT 1,2,3,4,5,6,7

Pollutant	Units of measure	Frequency	Sampling Method
Alkalinity (as calcium carbonate)	milligrams per litre	Quarterly	Representative sample
AOX	micrograms per litre	Quarterly	Representative sample
Nitrate + nitrite (oxidised nitrogen)	milligrams per litre	Quarterly	Representative sample
Nitrogen (ammonia)	milligrams per litre	Quarterly	Representative sample

M2.4 Monitoring for the concentration of a pollutant discharged to waters or applied to a utilisation area required by condition M2.2 must be done in accordance with the Approved Methods Publications unless another method has been approved by the EPA in writing before any tests are conducted

M3 Testing methods - concentration limits

- M3.1 Monitoring for the concentration of a pollutant emitted to the air required to be conducted by this licence must be done in accordance with:
- any methodology which is required by or under the Act to be used for the testing of the concentration of the pollutant; or
 - if no such requirement is imposed by or under the Act, any methodology which a condition of this licence requires to be used for that testing; or
 - if no such requirement is imposed by or under the Act or by a condition of this licence, any methodology approved in writing by the EPA for the purposes of that testing prior to the testing taking place.

Note: The *Protection of the Environment Operations (Clean Air) Regulation 2022* requires testing for certain purposes to be conducted in accordance with test methods contained in the publication "Approved Methods for the Sampling and Analysis of Air Pollutants in NSW".

- M3.2 Subject to any express provision to the contrary in this licence, monitoring for the concentration of a pollutant discharged to waters or applied to a utilisation area must be done in accordance with the Approved Methods Publication unless another method has been approved by the EPA in writing before any tests are conducted.

M4 Recording of pollution complaints



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- M4.1 The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.
- M4.2 The record must include details of the following:
- a) the date and time of the complaint;
 - b) the method by which the complaint was made;
 - c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;
 - d) the nature of the complaint;
 - e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and
 - f) if no action was taken by the licensee, the reasons why no action was taken.
- M4.3 The record of a complaint must be kept for at least 4 years after the complaint was made.
- M4.4 The record must be produced to any authorised officer of the EPA who asks to see them.
- M4.5 The proponent must prepare a complaint handling procedure for implementation at the premises. The procedure must include details of proposed actions to be taken upon receipt of a complaint at the premises.

M5 Telephone complaints line

- M5.1 The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.
- M5.2 The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.
- M5.3 The preceding two conditions do not apply until 3 months after the date of the issue of this licence.

M6 Other monitoring and recording conditions

Landfill Gas Monitoring

- M6.1 The licensee must undertake landfill gas surface emission monitoring at 6am and 6pm, at the following locations:
- Cell 10A and Cell 9;
 - Perimeter of the waste cells, and
 - Perimeter of the leachate dam.
- M6.2 The landfill gas surface emission monitoring must be undertaken using a monitoring instrument that is capable of measuring methane and hydrogen sulphide concentrations in sufficiently low concentrations to ensure confidence in the results.

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- M6.3 The Licensee must provide to the EPA by 5pm by electronic mail to info@epa.nsw.gov.au, every Thursday a report detailing the outcome of the landfill gas surface emission monitoring completed the week prior, and including, the Thursday morning. The report must include the results of the gas monitoring as well as the locations and mitigation actions implemented if gas is detected.

M7 Noise monitoring

- M7.1 To assess compliance with the noise limits specified within this licence, the licensee must undertake operator attended noise monitoring at each specified noise monitoring point in accordance with the table below.

POINT 20,21,22,23,24,25

Assessment period	Minimum frequency in a reporting period	Minimum duration within assessment period	Minimum number of assessment period
Day	Special Frequency 1	15 minutes	1 operation day
Morning-Shoulder	Special Frequency 1	15 minutes	1 operation day

Note: Special frequency 1 means noise monitoring carried out the following times:

- During construction activities- monthly (minimum of 4 weeks)
- During times of when only operational activities are occurring- quarterly.

- M7.2 To assess compliance with the noise limits specified in condition L4.1, the licensee must undertake operator attended noise monitoring at each specified noise monitoring point in accordance with the table below during a period of time representative of typical operating conditions and not undertaken during a shutdown period.

6 Reporting Conditions

R1 Annual return documents

- R1.1 The licensee must complete and supply to the EPA an Annual Return in the approved form comprising:

1. a Statement of Compliance,
2. a Monitoring and Complaints Summary,
3. a Statement of Compliance - Licence Conditions,
4. a Statement of Compliance - Load based Fee,
5. a Statement of Compliance - Requirement to Prepare Pollution Incident Response Management Plan,
6. a Statement of Compliance - Requirement to Publish Pollution Monitoring Data; and
7. a Statement of Compliance - Environmental Management Systems and Practices.

At the end of each reporting period, the EPA will provide to the licensee notification that the Annual Return is due.



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R1.2 An Annual Return must be prepared in respect of each reporting period, except as provided below.

Note: The term "reporting period" is defined in the dictionary at the end of this licence. Do not complete the Annual Return until after the end of the reporting period.

R1.3 Where this licence is transferred from the licensee to a new licensee:

- a) the transferring licensee must prepare an Annual Return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and
- b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period.

Note: An application to transfer a licence must be made in the approved form for this purpose.

R1.4 Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on:

- a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or
- b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.

R1.5 The Annual Return for the reporting period must be supplied to the EPA via eConnect *EPA* or by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date').

R1.6 The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was due to be supplied to the EPA.

R1.7 Within the Annual Return, the Statements of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:

- a) the licence holder; or
- b) by a person approved in writing by the EPA to sign on behalf of the licence holder.

R2 Notification of environmental harm

R2.1 Notifications must be made by telephoning the Environment Line service on 131 555.

Note: The licensee or its employees must notify all relevant authorities of incidents causing or threatening material harm to the environment immediately after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act.

R2.2 The licensee must provide written details of the notification to the EPA within 7 days of the date on which they became aware of the incident.

R2.3 The licensee must provide written details of any leachate discharge(s) to the EPA within 7 days of the date on which the incident occurred in accordance with Condition R2.4.

R2.4 The written details referred to in the above condition must be provided as a report. The report must include

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the following information:

- a) the volume of the leachate discharged and over what time period the discharge occurred;
- b) the date and time of the commencement of the overflow;
- c) the weather conditions at the time of the discharge, specifying the amount of rainfall on a daily basis that had fallen:
 - i) on the day(s) of the discharge; and
 - ii) for the one week period prior to the discharge.
- d) the most recent monitoring results of the chemical composition of the leachate;
- e) an explanation as to why the discharge occurred;
- f) the location(s) of the discharge;
- g) a plan of action to prevent a similar discharge in the future; and
- h) was the discharge permitted by this licence.

R3 Written report

- R3.1 Where an authorised officer of the EPA suspects on reasonable grounds that:
- a) where this licence applies to premises, an event has occurred at the premises; or
 - b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence,
- and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.
- R3.2 The licensee must make all reasonable inquiries in relation to the event and supply the report to the EPA within such time as may be specified in the request.
- R3.3 The request may require a report which includes any or all of the following information:
- a) the cause, time and duration of the event;
 - b) the type, volume and concentration of every pollutant discharged as a result of the event;
 - c) the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event;
 - d) the name, address and business hours telephone number of every other person (of whom the licensee is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort;
 - e) action taken by the licensee in relation to the event, including any follow-up contact with any complainants;
 - f) details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; and
 - g) any other relevant matters.
- R3.4 The EPA may make a written request for further details in relation to any of the above matters if it is not satisfied with the report provided by the licensee. The licensee must provide such further details to the EPA within the time specified in the request.

R4 Annual system performance report

- R4.1 The licensee must supply to the EPA an Annual System Performance Report not later than 60 days after the end of each reporting period.

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- R4.2** The Annual System Performance Report must include but need not be limited to:
- a) Results of all monitoring data in graphical and tabulated format. This data is to include both historical monitoring data and data from current reporting periods.
 - b) An analysis and interpretation of monitoring results; and
 - c) Actions to correct identified adverse trends.

R5 Other reporting conditions

- R5.1** The licensee or its employees or agents must notify the EPA in accordance with conditions R2.1 and R2.2 of all fires at the premises as soon as practical after becoming aware of the incident.
- R5.2** The licensee must record the following data in relation to fires occurring at the premises:
- a) Time and date when the fire started.
 - b) Whether the fire was authorised by the licensee, and, if not, the circumstances which ignited the fire.
 - c) The time and date that the fire burnt out or was extinguished.
 - d) The location of fire (eg. clean timber stockpile, putrescible garbage cell, etc).
 - e) Prevailing weather conditions at the time of the fire.
 - f) Observations made in regard to smoke direction and dispersion.
 - g) The amount of waste that was combusted by the fire.
 - h) Action taken to extinguish the fire;
 - i) Action taken to prevent a reoccurrence.

The data must be recorded on each day that the fire is burning.

7 General Conditions

G1 Copy of licence kept at the premises or plant

- G1.1** A copy of this licence must be kept at the premises to which the licence applies.
- G1.2** The licence must be produced to any authorised officer of the EPA who asks to see it.
- G1.3** The licence must be available for inspection by any employee or agent of the licensee working at the premises.

8 Pollution Studies and Reduction Programs

U1 Landfill Gas Risk Assessment

- U1.1** The Licensee must submit to the EPA a Landfill Gas Risk Assessment that has been prepared for the Premises by a suitably qualified consultant with at least five (5) years experience in the area of waste, landfills and landfill gas management.

The Landfill Gas Risk Assessment must be prepared in accordance with the NSW EPA Environmental Guidelines: Solid Waste Landfills (April 2016) and must include the following:

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1. An assessment of potential sources of landfill gas, pathways and receptors for gas migration;
2. Consideration of the types of waste, size of the landfill, the gas generating potential, monitoring results, gas volumes and flow rates, odour modelling and surveys and all sensitive receptors at on-and off-site locations;
3. A conceptual site model that shows the landfill gas related pathways and receptors;
4. An estimate of landfill gas generation at the site and an assessment of the necessary gas controls;
5. The inclusion of detailed comments in relation to landfill gas related risks and clear risk assessment tables;
6. Details of landfill gas monitoring that will be undertaken; and
7. Details of the appropriate landfill gas controls to be installed at the Premises, including design details and expected timeframes for installation.

U1.2 All reports to be submitted to the EPA as required in Condition U1.1 above must be submitted via electronic mail to info@epa.nsw.gov.au by 31 January 2024.

9 Special Conditions

E1 Construction of new landfill cells

E1.1 Prior to the commencement of construction of any new landfill cells, the licensee must submit to the EPA for review and approval the following information:

- a) The design of the proposed leachate barrier system, the leachate collection system and leachate disposal system; and
- b) A Construction Quality Assurance Plan which fully details the proposed construction activities and the quality assurance measures that will be implemented to ensure construction of the new landfill in accordance with the approved design

Note: The design and installation of leachate barrier and leachate collection system, and the content of the Construction Quality Assurance Plan must all be in accordance with the applicable requirements as detailed in the current edition of the EPA publication "Environmental Guidelines – Solid Waste Landfills".

E1.2 Following construction of Cell 10A and Cell 10B, the Licensee must submit to the EPA's Manager Regulatory Operations Regional West by email to riverina.farwest@epa.nsw.gov.au for approval a Construction Quality Assurance (CQA) Report.

The CQA Report must be prepared by an independent and suitably qualified person and must contain:

- a) Details and evidence of the works installed, the testing conducted, and the quality assurance procedures implemented;
- b) An account of any variations to the approved designs, methods and specifications; and
- c) An opinion by an appropriately qualified and experienced construction quality assurance practitioner that the works conform to the approved designed, methods and specifications.

E1.3 Waste must not be placed in Cell 10A or Cell 10B until written approval is granted by the EPA.

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E2 Financial Assurance for new landfill cells

- E2.1 A financial assurance in the form of an unconditional and irrevocable and on demand guarantee from a bank, building society or credit union operating in Australia as "Authorised Deposit-taking Institutions" under the Banking Act 1959 of the Commonwealth of Australia and supervised by the Australian Prudential Regulatory Authority (APRA) must be provided to the EPA as required by Conditions E2.2, E2.3, E2.4, E2.5, E2.6 and E2.7.
- E2.2 The financial assurance must be in the favour of the Environment Protection Authority in the amount of one hundred and two thousand, one hundred and forty six dollars and eighty eight cents (\$102,146.88) and must be provided to the EPA by 18 September 2022. The financial assurance is required to secure or guarantee funding for works or programs required by or under this licence. The financial assurance must contain a term that provides that any monies claimed can be paid to the EPA, or at the written direction of the EPA, to any other person. The licensee must provide to the EPA, along with the original counterpart guarantees, confirmation in writing that the financial institution providing the guarantees is subject to supervision by APRA.
- E2.3 The financial assurance must be in the favour of the Environment Protection Authority in the amount of one hundred and two thousand, one hundred and forty six dollars and eighty eight cents (\$102,146.88) and must be provided to the EPA by 18 September 2023. The financial assurance is required to secure or guarantee funding for works or programs required by or under this licence. The financial assurance must contain a term that provides that any monies claimed can be paid to the EPA, or at the written direction of the EPA, to any other person. The licensee must provide to the EPA, along with the original counterpart guarantees, confirmation in writing that the financial institution providing the guarantees is subject to supervision by APRA.
- E2.4 The financial assurance must be in the favour of the Environment Protection Authority in the amount of one hundred and two thousand, one hundred and forty six dollars and eighty eight cents (\$102,146.88) and must be provided to the EPA by 18 September 2024. The financial assurance is required to secure or guarantee funding for works or programs required by or under this licence. The financial assurance must contain a term that provides that any monies claimed can be paid to the EPA, or at the written direction of the EPA, to any other person. The licensee must provide to the EPA, along with the original counterpart guarantees, confirmation in writing that the financial institution providing the guarantees is subject to supervision by APRA.
- E2.5 The financial assurance must be in the favour of the Environment Protection Authority in the amount of one hundred and two thousand, one hundred and forty six dollars and eighty eight cents (\$102,146.88) and must be provided to the EPA by 18 September 2025. The financial assurance is required to secure or guarantee funding for works or programs required by or under this licence. The financial assurance must contain a term that provides that any monies claimed can be paid to the EPA, or at the written direction of the EPA, to any other person. The licensee must provide to the EPA, along with the original counterpart guarantees, confirmation in writing that the financial institution providing the guarantees is subject to supervision by APRA.
- E2.6 The financial assurance must be in the favour of the Environment Protection Authority in the amount of one hundred and two thousand, one hundred and forty six dollars and eighty eight cents (\$102,146.88) and must be provided to the EPA by 18 September 2026. The financial assurance is required to secure or guarantee funding for works or programs required by or under this licence. The financial assurance must contain a term

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that provides that any monies claimed can be paid to the EPA, or at the written direction of the EPA, to any other person. The licensee must provide to the EPA, along with the original counterpart guarantees, confirmation in writing that the financial institution providing the guarantees is subject to supervision by APRA.

- E2.7 The financial assurance must be in the favour of the Environment Protection Authority in the amount of six hundred and eighteen thousand, seven hundred and one dollars and sixty cents (\$618,701.60) and must be provided to the EPA prior to the acceptance of any waste into Cell 10B at the premises. The financial assurance is required to secure or guarantee funding for works or programs required by or under this licence. The financial assurance must contain a term that provides that any monies claimed can be paid to the EPA, or at the written direction of the EPA, to any other person. The licensee must provide to the EPA, along with the original counterpart guarantees, confirmation in writing that the financial institution providing the guarantees is subject to supervision by APRA.
- E2.8 The financial assurance must be maintained during the operation of the facility and thereafter until such time as the EPA is satisfied the premises is environmentally secure.
- E2.9 The EPA may require an increase in the amount of the financial assurance at any time as a result of reassessment of the total likely costs and expenses of rehabilitation of the premises.
- E2.10 The EPA may claim on a financial assurance under s.303 of the Act if a licensee fails to carry out any work or program required to comply with the conditions of this licence.
- E2.11 The financial assurance must be replenished by the full amount claimed or realised if the EPA has claimed on or realised the financial assurance or any part of it to undertake a work or program required to be carried out by the licence which has not been undertaken by the licence holder.

E3 Landfill Environment Management Plan

- E3.1 Prior to commencement of filling the next new landfill cell with waste, the licensee must prepare and submit to the EPA an updated Landfill Environment Management Plan.

E4 Complaints handling procedure

- E4.1 The proponent must prepare a complaint handling procedure for implementation at the premises. The procedure must include details of proposed actions to be taken upon receipt of a complaint at the premises.

E5 Stormwater/ sediment control - construction phase

- E5.1 An Erosion and Sediment Control Plan (ESCP) must be prepared and implemented. The plan must describe the measures that will be employed to minimise soil erosion and the discharge of sediment and other pollutants to lands and/or waters during construction activities. The ESCP should be prepared in accordance with the requirements for such plans outlined in Managing Urban Stormwater: Soils and Construction (available from the Department of Housing).

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E6 Stormwater/sediment control - operation phase

- E6.1 A Stormwater Management Scheme must be prepared for the development and must be implemented. Implementation of the Scheme must mitigate the impacts of stormwater run-off from and within the premises following the completion of construction activities. The Scheme should be consistent with the Stormwater Management Plan for the catchment.

Where a Stormwater Management Plan has not yet been prepared the Scheme should be consistent with the guidance contained in Managing Urban Stormwater: Council Handbook (available from the EPA).

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Dictionary

General Dictionary

3DGM [in relation to a concentration limit]	Means the three day geometric mean, which is calculated by multiplying the results of the analysis of three samples collected on consecutive days and then taking the cubed root of that amount. Where one or more of the samples is zero or below the detection limit for the analysis, then 1 or the detection limit respectively should be used in place of those samples
Act	Means the Protection of the Environment Operations Act 1997
activity	Means a scheduled or non-scheduled activity within the meaning of the Protection of the Environment Operations Act 1997
actual load	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
AM	Together with a number, means an ambient air monitoring method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
AMG	Australian Map Grid
anniversary date	The anniversary date is the anniversary each year of the date of issue of the licence. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
annual return	Is defined in R1.1
Approved Methods Publication	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
assessable pollutants	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
BOD	Means biochemical oxygen demand
CEM	Together with a number, means a continuous emission monitoring method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
COD	Means chemical oxygen demand
composite sample	Unless otherwise specifically approved in writing by the EPA, a sample consisting of 24 individual samples collected at hourly intervals and each having an equivalent volume.
cond.	Means conductivity
environment	Has the same meaning as in the Protection of the Environment Operations Act 1997
environment protection legislation	Has the same meaning as in the Protection of the Environment Administration Act 1991
EPA	Means Environment Protection Authority of New South Wales.
fee-based activity classification	Means the numbered short descriptions in Schedule 1 of the Protection of the Environment Operations (General) Regulation 2009.
general solid waste (non-putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997



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flow weighted composite sample	Means a sample whose composites are sized in proportion to the flow at each composites time of collection.
general solid waste (putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
grab sample	Means a single sample taken at a point at a single time
hazardous waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
licensee	Means the licence holder described at the front of this licence
load calculation protocol	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
local authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
material harm	Has the same meaning as in section 147 Protection of the Environment Operations Act 1997
MBAS	Means methylene blue active substances
Minister	Means the Minister administering the Protection of the Environment Operations Act 1997
mobile plant	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
motor vehicle	Has the same meaning as in the Protection of the Environment Operations Act 1997
O&G	Means oil and grease
percentile [in relation to a concentration limit of a sample]	Means that percentage [eg.50%] of the number of samples taken that must meet the concentration limit specified in the licence for that pollutant over a specified period of time. In this licence, the specified period of time is the Reporting Period unless otherwise stated in this licence.
plant	Includes all plant within the meaning of the Protection of the Environment Operations Act 1997 as well as motor vehicles.
pollution of waters [or water pollution]	Has the same meaning as in the Protection of the Environment Operations Act 1997
premises	Means the premises described in condition A2.1
public authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
regional office	Means the relevant EPA office referred to in the Contacting the EPA document accompanying this licence
reporting period	For the purposes of this licence, the reporting period means the period of 12 months after the issue of the licence, and each subsequent period of 12 months. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
restricted solid waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
scheduled activity	Means an activity listed in Schedule 1 of the Protection of the Environment Operations Act 1997
special waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
TM	Together with a number, means a test method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .

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TSP	Means total suspended particles
TSS	Means total suspended solids
Type 1 substance	Means the elements antimony, arsenic, cadmium, lead or mercury or any compound containing one or more of those elements
Type 2 substance	Means the elements beryllium, chromium, cobalt, manganese, nickel, selenium, tin or vanadium or any compound containing one or more of those elements
utilisation area	Means any area shown as a utilisation area on a map submitted with the application for this licence
waste	Has the same meaning as in the Protection of the Environment Operations Act 1997
waste type	Means liquid, restricted solid waste, general solid waste (putrescible), general solid waste (non-putrescible), special waste or hazardous waste
Wellhead	Has the same meaning as in Schedule 1 to the Protection of the Environment Operations (General) Regulation 2021.

Mr Chris Burton

Environment Protection Authority

(By Delegation)

Date of this edition: 14-January-2016

End Notes

- 1 Licence transferred through application 1607042 approved on 12-Mar-2021 , which came into effect on 12-Mar-2021
- 2 Licence transferred through application 1612777 approved on 21-Sep-2021 , which came into effect on 17-Sep-2021
- 3 Licence varied by notice 1614109 issued on 14-Jan-2022
- 4 Licence varied by notice 1620497 issued on 29-Jul-2022
- 5 Licence fee period changed by notice 1629147 on 19-May-2023
- 6 Licence varied by notice 1631746 issued on 08-Aug-2023
- 7 Licence varied by notice 1633992 issued on 07-Nov-2023

Attachment C - Snowy 2.0 Transmission Connection Commonwealth and NSW Approvals Advice

Jason Snape

From: Angela Drew <Angela.Drew@awe.gov.au>
Sent: Tuesday, 6 December 2022 1:02 PM
To: Wayne Jones; Andrew Buttigieg; Vince Chaplin
Cc: Angela Drew; Miranda Kerr; Anthony Ko
Subject: RE: Snowy 2.0 Transmission Connection - Commonwealth and NSW Approvals [SEC=OFFICIAL]

Hi Andrew

As discussed just now, I think Wayne's email articulates that both the Commonwealth and the State are on the same page in terms of the assessment of these management plans.

That is, the State is taking the lead on the assessment of these documents (in collaboration with and with input from the Commonwealth where necessary). As I mentioned on the phone, this is in accordance with the Bilateral Agreement with NSW and makes sense as the State have a larger number of matters that they are concerned with.

When the State advise us that the management plans satisfy the conditions of the NSW approval, they will be provided to the Commonwealth for a subsequent review (the intent of which is to ensure Commonwealth matters are adequately addressed) and then approval.

We will continue to work with NSW on the assessment of the management plans and be in touch once the State have confirmed they are satisfied with the documents.

Regards

Angela Drew
A/g Assistant Director

Environment Approvals Division | Environment Assessments (NSW, ACT) Branch | Southern NSW Assessments Section
Department of Climate Change, Energy, the Environment and Water
P 02 5156 3480 | E angela.drew@environment.gov.au

DCCEEWgov.au ABN 63 573 932 849

Acknowledgement of Country

Our department recognises the First Peoples of this nation and their ongoing connection to culture and country. We acknowledge First Nations Peoples as the Traditional Owners, Custodians and Lore Keepers of the world's oldest living culture and pay respects to their Elders past, present and emerging

From: Wayne Jones <wayne.jones@planning.nsw.gov.au>
Sent: Tuesday, 6 December 2022 11:45 AM
To: Andrew Buttigieg <Andrew.Buttigieg@transgrid.com.au>; Vince Chaplin <Vince.Chaplin@transgrid.com.au>
Cc: Angela Drew <Angela.Drew@awe.gov.au>; Miranda Kerr <Miranda.Kerr@environment.nsw.gov.au>; Anthony Ko <Anthony.ko@planning.nsw.gov.au>
Subject: Snowy 2.0 Transmission Connection - Commonwealth and NSW Approvals

Good day Andrew,

While I am yet to talk to Angela, BCD and DPE have a good understanding about what is required to undertake our reviews of the relevant management plans and strategies.

This will include a detailed review by both BCD and DPE.

Once the relevant management plans and strategies document have been revised, a subsequent review will be undertaken by the Commonwealth.

We have adopted this efficient approach on a number of previous overlapping projects.

If you have any question please let me know.

Cheers Wayne

Wayne Jones
Team Leader, Post Approvals

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T 02 6575 3406 | **M** 0437 533 549 | **E** wayne.jones@planning.nsw.gov.au
GPO Box 3145 Singleton, NSW, 2330
www.dpie.nsw.gov.au



The Department of Planning and Environment acknowledges that it stands on Aboriginal land. We acknowledge the traditional custodians of the land and we show our respect for elders past, present and emerging through thoughtful and collaborative approaches to our work, seeking to demonstrate our ongoing commitment to providing places in which Aboriginal people are included socially, culturally and economically.