



Mr Wayne Jones  
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3 August 2022

Dear Mr. Jones,

**RE: SSD 9697 Bayswater Power Station Upgrade**

Further to our previous correspondence dated 31 May 2022, and as discussed during the meeting between AGL Macquarie and the Department of Planning Post-Approvals team on Wednesday 20 July 2022, we provide the following information for consideration and approval by the Planning Secretary.

**Condition A10 – Request to Stage Management Plans**

In accordance with condition A10(a) of the development consent for SSD 9697, AGL Macquarie requests permission from the Planning Secretary to stage management plans for the works in the following way:

**Stage 1**

<b>Commencement</b>	August 2022
<b>Estimated Duration</b>	18 months
<b>Description of works</b>	Ravensworth ash line: <ul style="list-style-type: none"><li>• Construction and operation of a new coal ash pipeline to Ravensworth Void No. 3 for ash emplacement</li></ul>

**Stage 2**

<b>Commencement</b>	2023
<b>Estimated Duration</b>	To be determined
<b>Description of works</b>	Ash dam augmentation: <ul style="list-style-type: none"><li>• Augmentation of the existing Bayswater Ash Dam (BWAD) to provide additional ash storage capacity</li><li>• Improvements to water management structures and systems to ensure continued collection and reuse of process water and return waters from the BWAD</li></ul> Coal handling plant (CHP) upgrades: <ul style="list-style-type: none"><li>• Improvements to the management of water and waste materials within the CHP sediment basin and associated drainage system</li></ul> Ash harvesting upgrades: <ul style="list-style-type: none"><li>• Increasing coal ash recycling activities to produce up to 1,000,000 tonnes per annum of ash derived product material and reuse of coal ash</li><li>• Upgrades to existing fly ash harvesting infrastructure including the installation of weighbridges, construction of a new 240 tonne silo, tanker wash facility and additional truck parking</li></ul>



	<p>Salt cake landfill:</p> <ul style="list-style-type: none"> <li>Construction and operation of a salt cake landfill facility to dispose of salt cake waste from the approved salt caking plant to be constructed at the Bayswater water treatment plant</li> </ul> <p>Borrow pits 1 to 4:</p> <ul style="list-style-type: none"> <li>Construction and operation of borrow pits on AGL land to facilitate the improvements proposed for the Project and other works on AGL land</li> </ul> <p>Ancillary infrastructure works:</p> <ul style="list-style-type: none"> <li>Relocation of underground pipelines to above ground</li> <li>Replacement or upgrading of ageing pipelines</li> <li>Vegetation clearing associated with maintaining existing infrastructure including along existing pipeline corridors as is necessary (HP Pipe clearing and LSP Pipe clearing)</li> </ul>
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AGL Macquarie proposes that the initial management plans will focus on the Stage 1 works only, specifically the construction of the Ravensworth ash line. We request permission from the Planning Secretary to prepare and submit the following documents for the construction of the Stage 1 Ravensworth ash line only at this time:

- Condition A16(b) – Subsidence Plans
- Condition B7 – Water Management Plan
- Condition B12 – Biodiversity Management Plan
- Condition B29 – Aboriginal Cultural Heritage Management Plan
- Condition C1 – Construction Environmental Management Plan

Management plans for Stage 2 works will be prepared, submitted, and approved by the Planning Secretary prior to those works commencing. Given the long lead time to Stage 2 works, there is the potential for the scope of works to change. Should this occur, a revised staging plan will be forwarded to the Planning Secretary for review and approval prior to the commencement of works.

**Condition A12 – Request to prepare Water Management Plan to meet applicable conditions only**

Per condition A12 of the development consent, AGL Macquarie requests permission from the Planning Secretary to stage the Water Management Plan without addressing particular conditions as they are not applicable to the Stage 1 Ravensworth ash line.

The following table outlines the conditions required under B7 of the development consent relating to the Water Management Plan, whether they will be addressed in relation to the Stage 1 Ravensworth ash line works, and if not, a justification as to why the condition is not applicable:

Condition Requirement	Comment / WMP Section
B7. Prior to the commencement of construction, or as otherwise agreed by the Planning Secretary the Applicant must prepare a WMP for the development to the satisfaction of the Planning Secretary. The WMP must:	Water Management Plan
a. be prepared by a suitably qualified and experienced person(s) whose appointment has been endorsed by the Planning Secretary;	See request below.
b. be prepared in consultation with the EPA and NRAR	This consultation will be undertaken and documented in Section 1.5 of the WMP.



Condition Requirement	Comment / WMP Section
c. detail the management of wastewater streams on-site;	This will be documented within Section 6.0 of the WMP.
d. detail the water licence requirements and water licences held for the development under the Water Management Act 2000;	Not applicable to this WMP – no additional water licences are required for the Stage 1 Ravensworth ash line works.
e. a comprehensive water balance;	Not applicable to this WMP. This is relevant only to the Ash Dam Augmentation works.
f. contain a Groundwater Management Plan;	<p>Not applicable to this WMP. The scope of the WMP will include the pipeline corridor for the Ravensworth Ash Line and associated surface water monitoring network, and will not include the entire Bayswater Power Station site. Boreholes within the vicinity of the Ravensworth ash line were drilled up to 10 m below ground level. Groundwater was not encountered and the potential for interaction is considered to be low.</p> <p>The management of groundwater will be relevant to other elements of the Bayswater Power Station Upgrade Project such as the Borrow Pits, Salt Cake Landfill and Bayswater Ash Dam Augmentation.</p>
g. contain a Surface Water Management Plan, including:	
<ul style="list-style-type: none"> <li>- (i) detailed baseline data of surface water resources potentially impacted by the development</li> </ul>	<p>AGLM will review the current water monitoring program for the site and include baseline data for areas surrounding the Ravensworth ash line, if available.</p> <p>Other works this condition is relevant to are the Salt Cake Landfill, BWAD Augmentation and the CHP Water &amp; Wastewater Infrastructure.</p>
<ul style="list-style-type: none"> <li>- (ii) a comprehensive program to monitor surface water flows and quality, surface water storage and use and sediment basin operation</li> </ul>	<p>Not applicable to this WMP. The potential risk to surface water from the construction of the ash line is sediment and erosion during or after rainfall events which would be monitored per item (iii) below. The creeks do not flow unless there is heavy rain or when AGL discharges from Lake Liddell during HRSTS conditions.</p> <p>Other works this condition is relevant to are the Salt Cake Landfill, BWAD Augmentation and the CHP Water &amp; Wastewater Infrastructure.</p>
<ul style="list-style-type: none"> <li>- (iii) a surface water monitoring program, including a program for routine inspection and monitoring of the Ravensworth ash line;</li> </ul>	This will be documented within Section 7.0 of the WMP.
<ul style="list-style-type: none"> <li>- (iv) measures to divert clean surface waterways from operational areas;</li> </ul>	This will be documented within Section 6.0 of the WMP.
<ul style="list-style-type: none"> <li>- (v) surface water impact assessment criteria, including trigger levels for investigating any potential adverse surface water impacts;</li> </ul>	This will be documented within Section 8.0 of the WMP.
<ul style="list-style-type: none"> <li>- (vi) a protocol for the investigation and mitigation of identified exceedances of the surface water impact assessment criteria; and</li> </ul>	This will be documented within Section 9.0 of the WMP.



Condition Requirement	Comment / WMP Section
<ul style="list-style-type: none"> <li>- (vii) a trigger action response plan to respond to any exceedances of the surface water performance criteria, and repair, mitigate and/or offset any adverse groundwater impacts of the development.</li> </ul>	<p>This will be documented within Section 9.0 of the WMP.</p>

**Condition B7(a) – Endorsement of AECOM Australia Pty Ltd to prepare Water Management Plan**

AGL Macquarie requests endorsement by the Planning Secretary for the appointment of AECOM Australia to prepare the Ravensworth Ash Line Water Management Plan. The nominated project team is as follows:

- **Neil Standen** will act as Project Manager and will be the direct point of contact for AGLM. Neil is the Team Leader of AECOM’s Impact Assessment and Permitting team in the Hunter and has recent and ongoing experience working with AGLM on its transition plans for Liddell Power Station. Neil will provide regular updates to AGLM on progress of the project and an allowance has been made for regular updates via MS Teams and email.
- The WMP will be prepared in consultation with AGLM by **Alison O’Neill**, Senior Environmental Scientist. Alison has thirteen years’ experience in environmental impact assessment, reporting and environmental compliance auditing. She has been involved in the preparation of environmental planning documents for a range of infrastructure, industrial, manufacturing, mining, and transport clients. Alison has a wealth of experience working with our industrial clients in preparing environmental management plans for both construction and operation.
- Alison will be supported by **Alana Mitchell**. Alana is a Professional Environmental Scientist with experience in a wide range of development projects for both private and government clients, including the preparation of post approval management plans for key clients in the Energy sector.
- The WMP will be reviewed by **Greg Matthews**, Team Leader of the Geoscience and Remediation Services team in the Hunter. Greg has over 21 years of specialist consulting experience in surface water, groundwater and contaminated land. His key areas of expertise include environmental risk assessment, environmental due diligence, environmental legal compliance, integrated water resource management, site characterisation and sustainable water master planning.

**Condition A16 – Requirement for Construction and Occupation Certificates**

As noted under condition A16, Part 6 of the NSW *Environmental Planning and Assessment Act* states that the Applicant is required to obtain construction and occupation certificates for the proposed building works.

As discussed and agreed between DPE and AGLM on Wednesday 20 July 2022, this clause is not relevant to the Ravensworth ash line works and is not required to be addressed within the post-approvals submissions.



**Close**

We thank you for your time in considering the requests and proposed approaches detailed within this letter, and would appreciate the Department's feedback at your earliest convenience.

Should you have any questions in relation to the information contained in this letter, please don't hesitate to contact me on the details below, or Summer Steward at [Summer.Steward@agl.com.au](mailto:Summer.Steward@agl.com.au).

Yours sincerely,

A handwritten signature in blue ink, appearing to read 'KW', enclosed in a light blue rectangular box.

**Kimberley Wilson**

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for AGL Macquarie

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