

WILGA PARK POWER STATION

Annual Environmental Management Report

Approval 07-0023

For period 1 January 2016 to 31 December 2016

Submitted by Santos NSW (Eastern) Pty Ltd as CSG Operator



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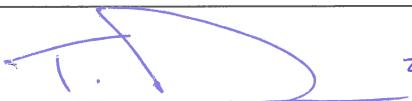
Name of Operation	Wilga Park Power Station
Name of Operator	Santos NSW (Eastern) Pty Ltd
Development consent / project approval#	MP07_0023
Name of holder of development consent	Santos NSW (Eastern) Pty Ltd
Petroleum Exploration Licence #	PEL238
Name of holder of Petroleum Exploration Licence	Santos NSW Pty Ltd (ACN 094 269 780) and Energy Australia Narrabri Gas Pty Ltd (ACN 147 609 729)
Water licence #	N/A for this operation
Name of holder of water licence	N/A
Annual Review start date	1 January 2016
Annual Review end date	31 December 2016
I, Todd Dunn, certify that this audit report is a true and accurate record of the compliance status of the Dewhurst Gas Exploration Pilot Expansion for the period 1 January 2016 to 31 December 2016 and that I am authorised to make this statement on behalf of Santos NSW (Eastern) Pty Ltd.	
Name and Title of authorised reporting officer	Todd Dunn, NSW Operations Manager
Signature and date	 28/04/2017

Table 1: Key details

1. Introduction

This Annual Environmental Management Report (AEMR) has been prepared for submission to the NSW Department of Planning and Environment (DPE) by Santos NSW (Eastern) Pty Ltd to satisfy commitment 11.7 in the Final Statement of Commitments made by the previous operator Eastern Star Gas (ESG) for the Narrabri Coal Seam Gas Utilisation Project (Project). ESG submitted the original Project Application 07-0023 in early 2007 with the approval being granted by DPE in December 2008 (Approval Doc. No. S07/00277). There was no specific obligation in the conditions of approval for the submission of an Annual Environmental Management Report or an Annual Review document.

2. Regulatory Context

The Wilga Park Power Station was originally constructed and operated pursuant to a development consent granted by Narrabri Shire Council on 14 November 2002 and subsequent modifications. The consent and modifications allowed the power station to operate up to a capacity of 12 megawatts using gas extracted from the Coonarah Gas Field in PPL 3.

On 2 December 2008, the Minister for Planning approved the Narrabri CSG Utilisation Project under Part 3A of the *Environmental Planning and Assessment Act 1979* (EP&A Act) (MP 07_0023).

The approved project includes:

- construction and operation of gas gathering systems at the Bibblewindi and Bohena Coal Seam Gas Pilots;
- construction and operation of gas compression facilities at the Bibblewindi and Bohena Coal Seam Gas Pilots;
- construction of an approximately 32 kilometre buried gas flow line between the Bibblewindi and Bohena Pilot and the Wilga Park Power Station; and
- the staged expansion and operation of the Wilga Park (base load) gas-fired power station from a capacity of 12 megawatts to 40 megawatts, fuelled by coal seam gas extracted from the Bibblewindi and Bohena Coal Seam Gas Pilots.

Construction works under the Part 3A approval commenced in 2009. Further works continued during 2010-2012. The works which have been undertaken under the approval to date include:

- construction of the gas gathering systems at the Bibblewindi and Bohena CSG Pilots;

- construction of the gas compression facilities for the Bibblewindi and Bohena CSG Pilots;
- construction of the 32 kilometre buried gas flow line between the Bibblewindi and Bohena pilots and the Wilga Park Power Station; and
- installation of 4 x 3MW gas generators at Wilga Park Power Station together with switch room, gas conditioning skid, auxiliary transformers, ventilation fans, substation upgrade and other related equipment.

The Minister for Planning approved a modification to the Narrabri CSG Utilisation Project on 11 February 2011 (MP 07_0023 MOD 1). The modification changed condition of approval (CoA) 2.34 relating to the submission date for the compensatory habitat package required.

A further modification to the project was approved on 14 March 2012 (MP 07_0023 MOD 2) allowing the temporary use of the gas flow line to transfer produced water. The approval for this modification allowed the transfer of water until 28 February 2013.

On 18 July 2014, the Wilga Park Power Station (WPPS) was approved to receive gas from all wells located within PAL 2 and PPL 3 following the application of Santos Narrabri Coal Seam Gas Utilisation Project (MP 07_0023) Modification 3. The approval allowed for:

1. Installation of a riser on the existing buried gas flow line which would allow materials (gas and liquids) to be diverted to the Leewood Produced Water Facility;
2. Use of the gas flow line to transfer liquids (including fresh water, produced water and brine) between the Tintsfield ponds and the Bibblewindi Water Transfer facility and to the Leewood Produced Water Facility; and
3. Use of coal seam gas from existing or future wells within PAL 2 or PPL 3 at the Wilga Park Power Station.

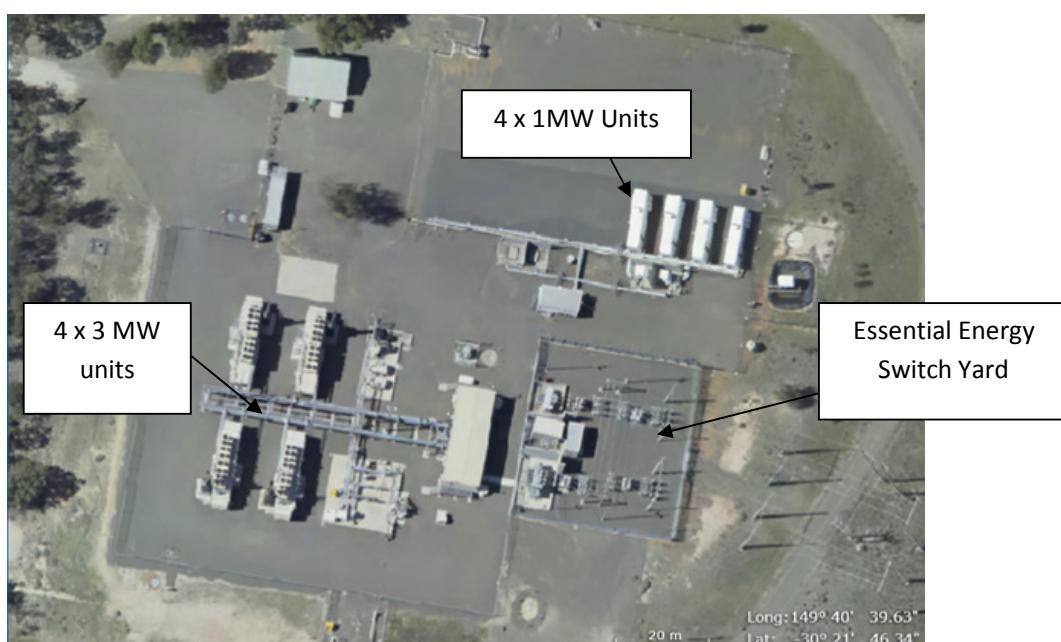


Figure 1: Wilga Park Power Station Layout

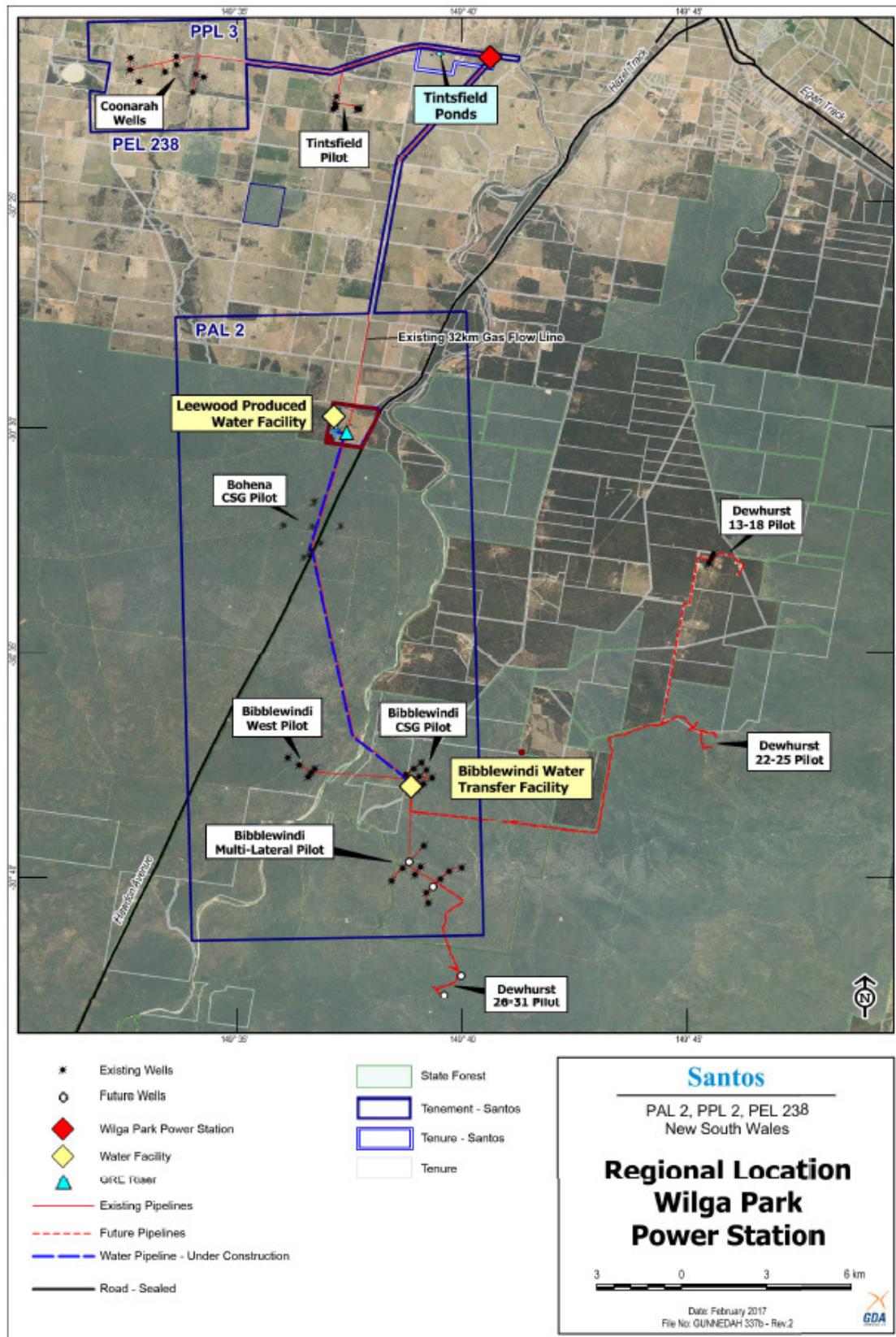


Figure 2: Location of the Wilga Park Power Station and Pipeline including CSG infrastructure

The relevant approvals for the development are:

- MP07_0023 approval (as amended);
- PEL 238.

There were no changes to either of the two approvals during the reporting period.

During the reporting period, Santos made an application for approval to use gas extracted from wells within PEL 238 (Tintsfield Pilot) to generate electricity at the Wilga Park Power Station. That application was withdrawn prior to the application being decided. The gas from the Tintsfield Pilot is burned through an approved flare on the Wilga Park property.

Santos holds an Environmental Protection Licence (EPL 20350) for the operation of pilot wells and water management in PEL238, PAL2 and PPL3. The EPL 20350 does not apply to the operation of the Wilga Park Power Station.

3. Contacts

The author of this report is Ron Anderson, Principal Advisor Compliance (ron.anderson@santos.com or 02 6792 9061) who is also the nominated point of contact in relation to this report.

4. Actions from previous AEMR

The only action arising from the previous AEMR was to cover off on the topics listed for any future AEMR in the Department's review email of 16 February 2016. This report has been drafted to cover those topics.

This revised report has been drafted to meet the additional reporting requirements outlined the letter from the Department of Planning dated 27 March 2017.

5. Summary of operations

In the period covered by this report, the Wilga Park Power Station operated continuously from 7 January 2016 following a shutdown for maintenance.

One 3MW generator was offline for maintenance between 30 July and 28 October 2016, but other generators were in operation at that time.

5.1 Gas

Gas produced from the PAL 2 pilots is consumed by onsite power generation for surface equipment (minor) with the remaining gas either being flared at the Bibblewindi Flare or discharged into the Bibblewindi-Wilga Park pipeline which connects to the Wilga Park Power Station.

Bibblewindi West pilot produced **433,887 MSCFD** of gas for appraisal activities in 2016. Bibblewindi East pilot produced **755,588 MSCFD** of gas for appraisal activities.

No gas was lifted from the Bohena, Bibblewindi or the Coonarah Pilots in 2016.

5.2 Power

In 2016, the Wilga Park Power Station generated 92.966 GWh of electricity from the gas produced in PAL2. The power generation never exceeded 12MW at any time.

5.3 Water

No water is used in the generation of electricity at the Wilga Park Power Station. Any water needed at the site is Narrabri town water brought to site by a tanker. The water is stored in poly tanks at the power station. Accordingly, there is no applicable water licence for the facility.

5.3.1 Water transfers

There have been occasions in the past that the pipeline used to convey gas to the Wilga Park Power Station, has been used for water transfer between the nearby Tintfield Water Storage Ponds and either the Leewood Water Management Facility or the Bibblewindi Water Management Facility.

No water transfers took place during the reporting period.

6. Compliance

Santos has in place a compliance management system to monitor its performance against conditions of approval. Inspections are scheduled through a corporate database (ComTrack). Results of inspections are also recorded in this database and any corrective actions tracked through to completion.

Conditions which are triggered once the Power Station output reaches 12 megawatts (MW) are outlined in the Santos Compliance Tracking tool – ComTrack. Planning and scheduling for these actions is underway even

though the triggering of this threshold is not anticipated in the near future. WPPS has not exceeded threshold of 12MW which triggers a number of environmental conditions within Approval 07_0023.

Mr Les Bevis of Lodestone Environmental Services was approved as an Independent Environmental Representative in October 2014. Mr Les Bevis undertook a compliance review during the reporting period and has provided advice on the environmental performance of the project. He found no non-compliances against approval conditions. He noted that there are several conditions which are triggered once greater than 12 MW is generated.

The Independent Environmental Representative will be engaged to undertake/arrange an Independent Audit of the approval at the earlier of:

- Within 90 days of the Wilga Park Power Station generating more than 12 megawatts electricity; or
- 30 June 2019.

Were all conditions of the relevant approval complied with as they relate to the development in 2016	
07_0023	Yes
PEL 238	Yes

Table 2: Statement of Compliance

Quarterly compliance audit documents as outlined in the Operation Environmental Management Plan are attached in Appendix 1 to this report.

6.1 Environmental Monitoring

No routine monitoring is required by the conditions of the approval 07-0023 for operation below 12MW.

The Wilga Park Power Station has not at any time generated electricity above 12MW.

Monitoring for	Monitoring Trigger	Comment
Air quality	>12MW	Operational level has never exceeded 12MW; no monitoring required.
Noise	>12MW	Operational level has never exceeded 12MW; no monitoring required.
Biodiversity	N/A	There were no new disturbances during the reporting period. The construction period ended in 2009, and pipeline corridors have been undergoing rehabilitation since that time. See also section 9 for inspections of the pipeline corridor, and for the biodiversity offset.
Heritage	N/A	There were no new disturbances during the reporting period. No aboriginal or non-aboriginal heritage items were discovered in the reporting period.
Water Management	N/A	See sections 5.3 and 5.3.1

Table 3: Environmental Aspects

6.2 Environmental Incidents and Improvements

There were no reportable environmental incidents during 2016 for the power station and the gas pipelines. In the reporting period, a new drive over bund was constructed for fuel tankers to use when transferring to or from tanks stored within a bunded area. This ensures that in the event of a spillage during transfer operations, all liquid would be captured. The bund has a sump for pumping out collected liquid.



Figure 3: Wilga Park Power Station drive over bund

7. Comparisons against EIS predictions.

The EIS covered:

- construction and operation of gas gathering systems at the Bibblewindi and Bohena Coal Seam Gas Pilots;
- construction and operation of gas compression facilities at the Bibblewindi and Bohena Coal Seam Gas Pilots;
- construction of an approximately 32 kilometre buried gas flow line between the Bibblewindi and Bohena Pilot and the Wilga Park Power Station; and
- the staged expansion and operation of the Wilga Park (base load) gas-fired power station from a capacity of 12 megawatts to 40 megawatts, fuelled by coal seam gas extracted from the Bibblewindi and Bohena Coal Seam Gas Pilots.

The construction components occurred in 2009, and is outside the period covered by this Annual Environmental Management Report.

The power station did not operate above 12MW in the reporting period, and as the EIS covered the staged expansion and operation above 12MW, there are no comparisons to be made between predicted and actual performance.

8. Community and Stakeholder Relations

Key community consultation activities for the Narrabri Gas Project are managed by Santos on a ‘whole-of-project’ basis, and relate to activities undertaken across PEL 238 and are not specific only to the Wilga Park Power Station.

There is a comprehensive Community Consultation Plan in place for PEL 238; stakeholders have been identified; and a risk-based assessment undertaken on the level of impact or benefit that activities may potentially have on stakeholders and the community.

We do not retain separate records for the Wilga Park Power Station, however community activities undertaken in the similar reporting period (1 September 2015 to 31 August 2016) for the PEL 238 licence area demonstrate the comprehensive community engagement activity for this licence area, including Wilga Park Power Station:

- There were over 1400 visitors to Santos shopfronts in Narrabri and Gunnedah
- Around 180 visitors attended our information stand at AgQuip in 2016
- More than 45 community and field site tours were hosted in the licence area (almost all of which include a visit to the Wilga Park Power Station)
- The Narrabri Gas Project website has had over 26,800 page views, with postings of 12 statements and 20 news stories
- The Santos ENSW Facebook had 182 posts during the reporting period Sept 2015 to August 2016 with a reach of approximately 1.02 million

There are well established consultation tools in place and this is complementary to the mature relationship that Santos has with stakeholders in the PEL 238 licence area. This has provided opportunities for stakeholders and members of the community to learn about, provide input to, and raise concerns about

activities that Santos is conducting, or planning to conduct including those at the Wilga Park Power Station. This includes:

Consultation Activity	Frequency
Narrabri Gas Project CCC	<ul style="list-style-type: none"> • Monthly
Information Forums	<ul style="list-style-type: none"> • Regular information forums are held. This includes specific forums for landholders, Leewood neighbours, Aboriginal Community, Contractors and Suppliers, and Government agencies as well as general community information events • Frequency will depend on the stakeholder group's level of interest in the activities being undertaken or proposed within PEL 238
Face to face meetings	<ul style="list-style-type: none"> • Regular face to face meetings are held with key stakeholders relevant to their level of interest in activities
Community Site Tours	<ul style="list-style-type: none"> • Monthly Community Site Tours to visit operational sites are advertised in the local newspaper and on the Santos website • Site tours are also provided upon request from interested community groups and other stakeholders
Communication tools	<ul style="list-style-type: none"> • The Energy NSW email, 1800 Telephone number are in place and referenced on Santos website and external printed documentation
Website	<ul style="list-style-type: none"> • Website is maintained and regularly updated with current information; proposed activities are promoted and there is a feedback facility maintained and promoted
Brochures and fact sheets	<ul style="list-style-type: none"> • Brochures and fact sheets are regularly reviewed and updated • New publications will be produced as required
Activity Update Reports	<ul style="list-style-type: none"> • Monthly activity updates are prepared and emailed to key stakeholders and uploaded to the website and included at least monthly in the local newspaper • Updates are distributed to the Narrabri Gas Project CCC members to disseminate to members of their respective organisations
Media Updates	<ul style="list-style-type: none"> • There are advertisements, advertorials, and media releases for key announcements
Social Media	<ul style="list-style-type: none"> • Santos' Facebook and Twitter pages provide information through social media channels
Santos shopfront	<ul style="list-style-type: none"> • The Shopfront in Narrabri is open during business hours and has printed information and displays
Attendance at community events and agricultural shows	<ul style="list-style-type: none"> • Santos attends relevant local agricultural shows, AgQuip and other community events
Community Participation	<ul style="list-style-type: none"> • Santos participates in relevant local groups and committees

Table 4: Consultation Activity

8.1 Complaints

Santos did not receive any direct or referred complaints in relation to activities at the Wilga Park Power Station during the reporting period.

There were no direct or referred complaints in relation to the operation of the power station in the previous reporting period.

9. Rehabilitation and Biodiversity Offsets

There was no additional disturbance during the reporting period. As previously reported, all rehabilitation along pipeline corridors has been monitored quarterly. Santos maintains contact with private landholders who have the pipeline passing through their properties, and attend to matters requiring attention. During the reporting period, minor subsidence was observed at locations along the pipeline as a result of the wet winter and spring. These matters were attended to with actions recorded in Santos' EHS Toolbox database.

Condition 2.34 of the approval for the Wilga Park power station required a biodiversity offset (compensatory habitat package) to be established in consultation with certain Government agencies. That consultation process led to the selection of a property Lot 51 DP 751132, purchased by the then Eastern Star Gas, because it satisfied or exceeded the various requirements of condition 2.34. Additionally the property was selected because of its suitability as an addition to Bullala National Park. Santos had hoped to transfer the Wilga Park offset to NPWS management some time ago.

In March 2013 the National Parks and Wildlife Service wrote to Santos confirming the suitability of the property as an addition to the national park estate subject to the terms of transfer including funding, and arrangements for such funding. Santos and the NPWS subsequently undertook an inspection of the property, a number of matters that would require funding were identified and several follow up meetings were held. Santos also commissioned ecological surveys of the property and a number of threatened species were identified. A report to this effect was provided to the Department of Planning on 1 February 2016, as well as advising that at this stage, NPWS have not provided Santos with advice on the process for transferring the property to NPWS estate, including cost estimates.

The property is being managed by Santos for its biodiversity values.

10. Activities Proposed for next AEMR period

A review of the Operations Environmental Management Plan will be undertaken by 30 June 2017. The Independent Environmental Representative has provided comments on the existing OEMP which will be incorporated into the review.

A full shutdown of the power station will occur for one week in April for maintenance on electrical components. Outside of this period, generators will be shut down on a rotational basis for approximately two weeks each for scheduled servicing.

11. Appendix 1 – Quarterly Compliance Audit

11.1 Audit period: Q1 2016

Auditor: Ron Anderson

Date: 31 March 2016

Operations Compliance Audit	Comments / Corrective Action
1 Air Quality	
SEC 3.2 and 3.3 Air Quality Monitoring Has the facility exceeded the 12 MW or 40 MW monitoring triggers during the reporting period (refer to SEC 3.1 and 2.4 if triggers exceeded). If so, refer to the following:	No. The site's maximum operating level has not exceeded 11.9MW at any time
SEC 3.1 Air Quality Monitoring Has air quality monitoring been completed during the reporting period in accordance with the appropriate methodology of Table 3 of approval?	N/A – operated below 12MW at all times
SEC 2.4 Discharge Limits Does air quality monitoring confirm compliance with maximum allowable discharge concentration limits listed in table 1 of approval	N/A – operated below 12MW at all times
SEC 2.2 - Odour Are any discernible odours apparent at Wilga Park at or around the generators or any part of the facility	No odours detected

Operations Compliance Audit	Comments / Corrective Action
2 Noise and Vibration	
SEC 3.5 Noise Monitoring Has the facility exceeded the 12 MW monitoring triggers during the reporting period? If so, refer to the following:	No. The site's maximum operating level has not exceeded 11.9MW at any time
SEC 2.9 Operational Noise Criteria Has noise monitoring been conducted during the reporting period in accordance with the methodology listed in SEC 2.9?	N/A – operated below 12MW at all times
SEC 2.8 Operational Noise Criteria Does noise monitoring confirm compliance with maximum allowable noise contributions listed in table 2 of the approval?	N/A – operated below 12MW at all times
SEC 2.10 to SEC 2.23 – Noise Related Actions Have there been any actions taken consistent with noise mitigation and land acquisition outlined in SEC 2.10 to 2.23. Outline any actions taken in detail.	N/A – operated below 12MW at all times
SEC 2.5 Does vibration monitoring confirm that operations does not exceed the preferred vibration values for low probability of adverse comment presented in DECC guidelines stated in SEC 2.5.	N/A – operated below 12MW at all times

Operations Compliance Audit	Comments / Corrective Action
3 Waste Management	
Are the operational sites clear of general rubbish and receptacles being utilised?	Yes.
SEC 2.27 Waste generation and management	No.
Is there any evidence of waste generated outside of the site being used for storage, treatment, processing	
SOC – Are used lubricants being stored in approved tanks for collection by a licensed contractor?	Yes

Operations Compliance Audit	Comments / Corrective Action
4 Traffic and Transport Impacts	
Are all current operational haulage routes identified prior to construction period in good working condition?	Yes
Has there been any dispute with any relevant roads authorities as to the roads condition or state of repair?	No

Operations Compliance Audit	Comments / Corrective Action
5 Hazard Auditing	
SEC 3.6 Hazard Audit Report Have any of the events specified in SEC 3.6 occurred during period that requires a hazard audit report to be conducted?	No. The site's maximum operating level has not exceeded 11.9MW at any time.

11.2 Audit period: Q2 2016

Auditor: Ron Anderson
Date: 8 July 2016

Operations Compliance Audit	Comments / Corrective Action
1 Air Quality	
SEC 3.2 and 3.3 Air Quality Monitoring Has the facility exceeded the 12 MW or 40 MW monitoring triggers during the reporting period (refer to SEC 3.1 and 2.4 if triggers exceeded). If so, refer to the following:	No. The site's maximum operating level has not exceeded 11.9MW at any time
SEC 3.1 Air Quality Monitoring Has air quality monitoring been completed during the reporting period in accordance with the appropriate methodology of Table 3 of approval?	N/A – operated below 12MW at all times
SEC 2.4 Discharge Limits Does air quality monitoring confirm compliance with maximum allowable discharge concentration limits listed in table 1 of approval	N/A – operated below 12MW at all times
SEC 2.2 - Odour Are any discernible odours apparent at Wilga Park at or around the generators or any part of the facility	No odours detected

Operations Compliance Audit	Comments / Corrective Action
2 Noise and Vibration	
SEC 3.5 Noise Monitoring Has the facility exceeded the 12 MW monitoring triggers during the reporting period? If so, refer to the following:	No. The site's maximum operating level has not exceeded 11.9MW at any time
SEC 2.9 Operational Noise Criteria Has noise monitoring been conducted during the reporting period in accordance with the methodology listed in SEC 2.9?	N/A – operated below 12MW at all times
SEC 2.8 Operational Noise Criteria Does noise monitoring confirm compliance with maximum allowable noise contributions listed in table 2 of the approval?	N/A – operated below 12MW at all times
SEC 2.10 to SEC 2.23 – Noise Related Actions Have there been any actions taken consistent with noise mitigation and land acquisition outlined in SEC 2.10 to 2.23. Outline any actions taken in detail.	N/A – operated below 12MW at all times
SEC 2.5 Does vibration monitoring confirm that operations does not exceed the preferred vibration values for low probability of adverse comment presented in DECC guidelines stated in SEC 2.5.	N/A – operated below 12MW at all times

Operations Compliance Audit	Comments / Corrective Action
3 Waste Management	
Are the operational sites clear of general rubbish and receptacles being utilised?	Yes.
SEC 2.27 Waste generation and management Is there any evidence of waste generated outside of the site being used for storage, treatment, processing	No.
SOC – Are used lubricants being stored in approved tanks for collection by a licensed contractor?	Yes

Operations Compliance Audit	Comments / Corrective Action
4 Traffic and Transport Impacts	
Are all current operational haulage routes identified prior to construction period in good working condition?	Yes
Has there been any dispute with any relevant roads authorities as to the roads condition or state of repair?	No

Operations Compliance Audit	Comments / Corrective Action
5 Hazard Auditing	
SEC 3.6 Hazard Audit Report Have any of the events specified in SEC 3.6 occurred during period that requires a hazard audit report to be conducted?	No. The site's maximum operating level has not exceeded 11.9MW at any time

11.3 Audit period: Q3 2016

Auditor: Ron Anderson
Date: 4 November 2016

Operations Compliance Audit	Comments / Corrective Action
1 Air Quality	
SEC 3.2 and 3.3 Air Quality Monitoring Has the facility exceeded the 12 MW or 40 MW monitoring triggers during the reporting period (refer to SEC 3.1 and 2.4 if triggers exceeded). If so, refer to the following:	No. The site's maximum operating level has not exceeded 11.9MW at any time
SEC 3.1 Air Quality Monitoring Has air quality monitoring been completed during the reporting period in accordance with the appropriate methodology of Table 3 of approval?	N/A – operated below 12MW at all times
SEC 2.4 Discharge Limits Does air quality monitoring confirm compliance with maximum allowable discharge concentration limits listed in table 1 of approval	N/A – operated below 12MW at all times
SEC 2.2 - Odour Are any discernible odours apparent at Wilga Park at or around the generators or any part of the facility	No odours detected

Operations Compliance Audit	Comments / Corrective Action
2 Noise and Vibration	
SEC 3.5 Noise Monitoring Has the facility exceeded the 12 MW monitoring triggers during the reporting period? If so, refer to the following:	No. The site's maximum operating level has not exceeded 11.9MW at any time
SEC 2.9 Operational Noise Criteria Has noise monitoring been conducted during the reporting period in accordance with the methodology listed in SEC 2.9?	N/A – operated below 12MW at all times
SEC 2.8 Operational Noise Criteria Does noise monitoring confirm compliance with maximum allowable noise contributions listed in table 2 of the approval?	N/A – operated below 12MW at all times
SEC 2.10 to SEC 2.23 – Noise Related Actions Have there been any actions taken consistent with noise mitigation and land acquisition outlined in SEC 2.10 to 2.23. Outline any actions taken in detail.	N/A – operated below 12MW at all times
SEC 2.5 Does vibration monitoring confirm that operations does not exceed the preferred vibration values for low probability of adverse comment presented in DECC guidelines stated in SEC 2.5.	N/A – operated below 12MW at all times

Operations Compliance Audit	Comments / Corrective Action
3 Waste Management	
Are the operational sites clear of general rubbish and receptacles being utilised?	Yes.
SEC 2.27 Waste generation and management Is there any evidence of waste generated outside of the site being used for storage, treatment, processing	No.
SOC – Are used lubricants being stored in approved tanks for collection by a licensed contractor?	Yes

Operations Compliance Audit	Comments / Corrective Action
4 Traffic and Transport Impacts	
Are all current operational haulage routes identified prior to construction period in good working condition?	Yes
Has there been any dispute with any relevant roads authorities as to the roads condition or state of repair?	No

Operations Compliance Audit	Comments / Corrective Action
5 Hazard Auditing	
SEC 3.6 Hazard Audit Report Have any of the events specified in SEC 3.6 occurred during period that requires a hazard audit report to be conducted?	No. The site's maximum operating level has not exceeded 11.9MW at any time.

11.4 Audit period: Q4 2016

Auditor: Ron Anderson
Date: 6 January 2017

Operations Compliance Audit	Comments / Corrective Action
1 Air Quality	
SEC 3.2 and 3.3 Air Quality Monitoring Has the facility exceeded the 12 MW or 40 MW monitoring triggers during the reporting period (refer to SEC 3.1 and 2.4 if triggers exceeded). If so, refer to the following:	No. The site's maximum operating level has not exceeded 11.9MW at any time
SEC 3.1 Air Quality Monitoring Has air quality monitoring been completed during the reporting period in accordance with the appropriate methodology of Table 3 of approval?	N/A – operated below 12MW at all times
SEC 2.4 Discharge Limits Does air quality monitoring confirm compliance with maximum allowable discharge concentration limits listed in table 1 of approval	N/A – operated below 12MW at all times
SEC 2.2 - Odour Are any discernible odours apparent at Wilga Park at or around the generators or any part of the facility	No odours detected

Operations Compliance Audit	Comments / Corrective Action
2 Noise and Vibration	
SEC 3.5 Noise Monitoring Has the facility exceeded the 12 MW monitoring triggers during the reporting period? If so, refer to the following:	No. The site's maximum operating level has not exceeded 11.9MW at any time
SEC 2.9 Operational Noise Criteria Has noise monitoring been conducted during the reporting period in accordance with the methodology listed in SEC 2.9?	N/A – operated below 12MW at all times
SEC 2.8 Operational Noise Criteria Does noise monitoring confirm compliance with maximum allowable noise contributions listed in table 2 of the approval?	N/A – operated below 12MW at all times
SEC 2.10 to SEC 2.23 – Noise Related Actions Have there been any actions taken consistent with noise mitigation and land acquisition outlined in SEC 2.10 to 2.23. Outline any actions taken in detail.	N/A – operated below 12MW at all times
SEC 2.5 Does vibration monitoring confirm that operations does not exceed the preferred vibration values for low probability of adverse comment presented in DECC guidelines stated in SEC 2.5.	N/A – operated below 12MW at all times

Operations Compliance Audit	Comments / Corrective Action
3 Waste Management	
Are the operational sites clear of general rubbish and receptacles being utilised?	Yes.
SEC 2.27 Waste generation and management Is there any evidence of waste generated outside of the site being used for storage, treatment, processing	No.
SOC – Are used lubricants being stored in approved tanks for collection by a licensed contractor?	Yes

Operations Compliance Audit	Comments / Corrective Action
4 Traffic and Transport Impacts	
Are all current operational haulage routes identified prior to construction period in good working condition?	Yes
Has there been any dispute with any relevant roads authorities as to the roads condition or state of repair?	No

Operations Compliance Audit	Comments / Corrective Action
5 Hazard Auditing	
SEC 3.6 Hazard Audit Report Have any of the events specified in SEC 3.6 occurred during period that requires a hazard audit report to be conducted?	No. The site's maximum operating level has not exceeded 11.9MW at any time