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Annual Review Report 2018 for DPE Condition C11 of SSD5300 Wollongong Recycling (NSW) Pty Ltd

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We declare that:

The report contains all available information that is relevant to the compliance assessment of the development, activity or infrastructure to which the report relates, and the information contained in the report is neither false nor misleading.

Report version	Authors	Date	Reviewer	Approved for issue	Date
v1.0	R.Loemker, Dr M. Jackson	28/03/18	Dr M.Jackson	Dr M.Jackson	28/03/18
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1. Executive Summary

This Annual Review report has been prepared for Wollongong Recycling (NSW) Pty Ltd, owner and operator of a construction and demolition waste recycling facility located at 50 Wyllie Rd, Kembla Grange. Under Condition C11 of development consent SSD5300 operating at the site, the proponent is required to report to the Secretary of the Department of Planning and Environment on the environmental performance of the development. An Annual Review is required by the end of March each year.

As per the requirements of Condition C11, the report provides an overview of the environmental performance of the development by describing the development that was carried out in the previous calendar year, and the development that is proposed to be carried out over the current calendar year. The report includes a review of the monitoring results and complaints records of the development over the last calendar year, including a comparison of the results against the:

- Relevant statutory requirements, limits or performance measures / criteria;
- Requirements of any plan or program required under the consent;
- Monitoring results of previous years; and
- The relevant predictions in the EIS.

The Annual Review also identifies any non-compliance over the last calendar year, and describe what actions were (or are being) taken to ensure compliance; identifies trends in the monitoring data over the life of the development; identifies any discrepancies between the predicted and actual impacts of the development and analyses the potential cause of any significant discrepancies. Furthermore, under the C11 consent condition, the proponent must describe what measures have or will be implemented in the current calendar year to improve the environmental performance of the development.

To inform the Annual Review, an assessment of compliance with the planning consent and environmental management requirements as specified in the following documents has been performed:

- State Significant Development (5300) Conditions of Consent;
- State Significant Development (5300) Statement of Commitments;
- State Significant Development (5300) Mod 1 Conditions of Consent;
- Department of Primary Industries Controlled Activity Approval;
- Pollution Incident Response Management Plan; and
- Operational Environmental Management Strategy as approved by Department of Planning and Environment on 26/02/18 (including sub-environmental strategies).

A compliance audit was conducted on 21 March 2018. This involved a detailed desktop assessment of all management documentation, and a site inspection across the entire facility. Generally, the audit found that the site is being operated in a manner consistent with the planning consent.

For the past 12 months, the site has been subject to construction and limited recycling operations to implement Stage 1 of the approved development under SSD5300 as per the Secretary's approval on 19 August 2016. Since then, systems have been put into place to monitor and report on the ongoing environmental performance of the development. This has included procedures for monitoring and reporting on groundwater, surface water quality, dust and environmental management systems for minimising dust, noise, vibration, odour, erosion and receipt of non-compliant waste or hazardous waste materials. The Occupation Certificate for the development was obtained on 23 January 2018 on satisfactory completion of construction works, with approval from the

Secretary on 26 February 2018 for the Operational Environmental Management Strategy for the development under Condition C3 of SSD5300.

Monitoring data available for assessment suggested that the facility is being managed within the predictions in the Environmental Impact Statement, though limited data was available for assessment, given the facility has been under construction for more than 12 months. It is expected that in the next 12 months, a more extensive data set will be available for assessment of the site to verify the facility's environmental performance relative to the predictions in the EIS. It is also noted that no complaints were received in the past 12 months in relation to the operation or construction works undertaken at the site.

Wollongong Recycling (NSW) Pty Ltd has been issued a draft variation to their Environment Protection Licence 20601, which is required before the site can increase its receipt of approved waste materials to 230,000 tonnes per annum as per Condition A6 of SSD5300. In the next 12 months, the proponent will seek to increase the receipt of approved waste materials and manage the facility to protect the environment in accordance with all approvals, licenses and the Operational Environmental Management Strategy as approved by the Secretary.

The following list of minor non-compliances were identified, and the recommended actions have been highlighted in this report:

- The weather station was sighted during the site audit, however the weather station is not operational due to internal modifications to the site office;
- Weighbridge office was not connected to the rainwater tank and outlet to drainage system as per SSD5300 MOD 1 plans, leading to collection of water under weighbridge;
- Main warehouse was not connected to rainwater tanks as approved in SSD5300 plans;
- Batter on northern part of Site lacks vegetation and needs to be revegetated;
- Operational Environmental Management Plan has not been uploaded to the website;
- Wollongong Recycling (NSW) Pty Ltd is required to write to Office of Water to advise on change of ownership in May 2017; and
- CCTV camera was offline during inspection.

The following monitoring is recommended to ensure that all data is being collected to evaluate the environmental performance of the development relative to the conditions of consent, approvals and licenses. This includes:

- Monthly dust monitoring, with an assessment of dust deposition done at least once a year at sensitive receptor locations to validate compliance with EIS predictions;
- Six-monthly noise monitoring at identified sensitive receptor locations to validate compliance with EIS predictions; and
- Quarterly groundwater monitoring as per the conditions of consent.

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1. Introduction

1.1 Background

This Annual Review report has been prepared for Wollongong Recycling (NSW) Pty Ltd, owner and operator of a construction and demolition waste recycling facility located at 50 Wyllie Rd, Kembla Grange. The site is licensed by the NSW Environment Protection Authority (EPL 20601) and has been successfully operating since 2013. It was originally owned and operated by Wollongong Recycling and Building Supplies Pty Ltd. In May 2017, Wollongong Recycling (NSW) Pty Ltd took ownership of the facility. The facility was originally approved under Development Consent DA2009/1153 from Wollongong City Council.

On 7 March 2016, approval to expand the capacity of the facility was provided under State Significant Development SSD5300 by the Minister for Planning to receive up to 230,000 tonnes per annum of construction and demolition and commercial and industrial wastes. A further modification to the consent under SSD5300 Mod 1 was approved by the Minister for Planning on 8 June 2017 to relocate the second weighbridge and enable installation of a larger weighbridge office.

The facility receives building and demolition and other wastes for recycling as value added materials. Materials are delivered by a customer base which includes waste collection services, building and construction, small and medium sized businesses and trades.

The facility aims to achieve an 85% recovery rate from processing incoming materials that include concrete, asphalt, tiles, timber, masonry, clay, soils and garden organics. Mobile plant, including excavators and front-end loaders, are used to remove contaminants and separate incoming building and construction wastes for containment in storage bunkers prior to processing.

On 19 August 2016, the Secretary of the Department of Planning and Environment approved the management plans for the development under SSD5300, including approval of construction plans and the Construction Environment Management Plan. A licence variation was obtained from the EPA on 20 September 2016 to undertake construction works. The construction works for Stage 1 were completed in December 2017, with the final Occupation Certificate issued on 23 January 2018.

For the past 12 months, the site has been subject to construction and limited recycling operations to implement Stage 1 of the approved development under SSD5300.

Under Condition C11 of development consent SSD5300, by the end of March each year, Wollongong Recycling (NSW) Pty Ltd is required to report to the Secretary of the Department of Planning and Environment on the environmental performance of the development. This Annual Review provides an overview of the environmental performance of the development, including an assessment of compliance with all consents, licenses and approvals. The review also provides a summary of proposed activities for the next 12 months and makes recommendations to improve the environmental performance of the development.

1.2 Annual Review requirements

Under Condition C11 of development consent SSD5300 operating on the site, an Annual Review is required by the end of March to assess the environmental performance of the development. The review must:

- **Condition C11(a):** Describe the development that was carried out in the previous calendar year, and the development that is proposed to be carried out over the current calendar year;

- **Condition C11(b):** Include a comprehensive review of the monitoring results and complaints records of the development over the last calendar year which includes a comparison of the results against the:
 - i. The relevant statutory requirements, limits or performance measures / criteria;
 - ii. Requirements of any plan or program required under the consent;
 - iii. The monitoring results of previous years; and
 - iv. The relevant predictions in the EIS.
- **Condition C11(c):** Identify any non-compliance over the last calendar year, and describe what actions were (or are being) taken to ensure compliance;
- **Condition C11(d):** Identify any trends in the monitoring data over the life of the development;
- **Condition C11(e):** Identify and discrepancies between the predicted and actual impacts of the development, and analyse the potential cause of any significant discrepancies; and
- **Condition C11(f):** Describe what measures have or will be implemented in the current calendar year to improve the environmental performance of the development.

1.3 Overview of the approved State Significant Development

On 7 March 2016, State Significant Development SSD5300 was approved by the Minister of Planning to enable an expansion to the Kembla Grange Resource Recovery Facility. The site currently supplies important recycling services for householders, builders and developers in the Wollongong Region, and is making an important contribution to helping the NSW Government meet its recycling target of 80% for construction and demolition waste by 2021¹. Due to increasing demand for recycling services for building waste and commercial and industrial waste from businesses, an expansion to the existing Resource Recovery Facility has been approved.

The SSD5300 consent (and SSD5300 Mod 1) is being implemented in two stages. Construction and operation of Stage 1 of the development has been approved by the Secretary of the Department of Planning and Environment and has involved:

- Construction of soil and waste management measures and new drainage works associated with expansion of the operational area, including installation of batter catch drains;
- Construction of retaining walls;
- Stripping topsoil and bulk earthworks
- Associated with cut and fill activities to expand the operational pad;
- Installation of new weighbridge and weighbridge office;
- Installation of stormwater pits, pipes, leachate tanks, alarm system and Humeceptors;
- Shaping and trimming of stormwater treatment ponds;
- Construction of the greenwaste shredding pavement area;
- Complete landscaping associated with the project;
- Respreading of topsoil;
- Complete access roads and sealing with asphalt;
- Construction of additional car parking areas;
- Construct kerbs and table drains;
- Install bollards to gas easement boundary;
- Install biofilters and walls inside composting shed;
- Install crushed concrete pavement to operational area; and

¹ NSW EPA (2014). NSW Waste Avoidance and Resource Recovery Strategy: 2014 – 2021. Published by the NSW EPA. Internet publication: <http://www.epa.nsw.gov.au/wastestrategy/warr.htm>

- Relocate the second weighbridge and enable installation of a larger weighbridge office.

Stage 2 of the approved development process involves developing the eastern part of the facility including the following:

- Construction of a workshop facility;
- Construction of truck parking areas;
- Construction of retaining wall;
- Installation of water tank;
- Construction of a minor surface water sediment retention dam with hydrocarbon capture; and
- Construction of a new site building and site office/staff OH&S training building.

It is noted that construction of Stage 1 is complete, and Stage 2 is yet to commence. Separate approvals under Condition A10 of development consent SSD5300 is required from the Department of Planning and Environment prior to commencement of construction of this stage of the development.

1.4 Summary of consents, licences and approvals

To help inform the Annual Review and the compliance audit undertaken by Jackson Environment and Planning Pty Ltd, a list of consents, licences and approvals are provided in Table 1.1 below. These statutory requirements have informed the audit framework for the compliance audit and has assisted in the assessment of the environmental performance of the development from January 2017 to December 2017.

Table 1.1. Summary of consents, licences and approvals operating at 50 Wyllie Rd, Kembla Grange.

Approval type	Reference / details	Date issued	Regulatory authority
On-site Sewage System Approval to Operate	OS-2015/15 – Approval to operate an on-site sewage system	31 August 2015	Wollongong City Council
Planning consent (and Statement of Commitments)	SSD5300 development approval	16 March 2016	Minister for Planning
Controlled Activity Approval	10ERM2009/1008. Issue for carrying out works in a riparian area	24 May 2016	Department of Primary Industries
Management Plan approval (enabling construction of Stage 1 of development)	Stage 1 works including Water Management Plan, Air Quality Management Plan, Landscape Management Plan and Construction Environment Management Plan	19 August 2016	Department of Planning and Environment
Construction Certificate (Stage 1)	Construction Certificate Cert. No. 2306	8 September 2016	Illawarra Building Certifiers Pty Ltd
Environment Protection Licence	EPL20601 varied to enable scheduled development works on the site	20 September 2016	NSW Environment Protection Authority

Approval type	Reference / details	Date issued	Regulatory authority
Planning consent	SSD5300 Mod 1 development approval for relocating the second weighbridge and enable installation of a larger weighbridge office)	8 June 2017	Minister for Planning
Occupation Certificate	Occupation Certificate Cert. No. 2306	23 January 2018	Illawarra Building Certifiers Pty Ltd
Operational Environmental Management Strategy (including Pollution Incident Response Management Plan)	Operational Environmental Management Strategy as required under Conditions C3 and C5 of SSD5300	26 February 2018	Department of Planning and Environment

1.5 Scope of the review

The Annual Review has considered the overall performance of the development for the period of January 2017 to December 2017 (inclusive) and has involved a detailed review of compliance against all consents, approvals and licenses as given in Table 1.1.

The purpose of the review is to evaluate the environmental performance of the development, and to recommend changes to management of the development to ensure:

- The environment and human health is protected;
- The statutory obligations of the site owner and operator are met in full;
- The development and operations of the facility for the previous 12 months are captured as a record of activities undertaken to inform regulators, neighbours and the community;
- The environmental performance of the facility is in line with predictions in the EIS for the development;
- Review non-compliances for the past calendar year, and what actions were or are being undertaken to ensure compliance;
- Review and assess trends in monitoring data for the development, and to identify discrepancies; and
- Identify measure that have or will be undertaken to improve the environmental performance of the development; and
- Demonstrate compliance with Condition C11 of SSD5300.

To complement the Annual Review, we have undertaken a desktop and site-based compliance audit of the development. The on-site audit was undertaken on 21 March 2018 by Dr Mark Jackson, Director, Jackson Environment and Planning Pty Ltd, in accordance with the following consents, licenses and approvals as per Table 1.1 above.

- State Significant Development (5300) Conditions of Consent;
- State Significant Development (5300) Statement of Commitments;
- State Significant Development (5300) Mod 1 Conditions of Consent;
- Department of Primary Industries Controlled Activity Approval;
- Pollution Incident Response Management Plan; and

- Operational Environmental Management Strategy as approved by the Department of Planning and Environment on 26 February 2018 (including sub-environmental strategies).

2. Annual Review findings

This section provides an overview of the main findings of the Annual review of the Wollongong Recycling (Pty Ltd) Resource Recovery Facility located at 50 Wyllie Rd, Kembla Grange. The findings address all the requirements of Conditions 11(a) to 11(f) under SSD5300.

2.1 Development over the past calendar year and proposed for next calendar year (Condition C11(a))

For the 2017 calendar year, the focus of the development has been to fully implement construction works as per SSD5300 and SSD5300 Mod 1 consents. The works implemented have been conducted in accordance with the approved plans as per the above consents, and have involved:

- Construction of soil and waste management measures and new drainage works associated with expansion of the operational area, including installation of batter catch drains;
- Construction of retaining walls;
- Stripping topsoil and bulk earthworks
- Associated with cut and fill activities to expand the operational pad;
- Installation of new weighbridge and weighbridge office;
- Installation of stormwater pits, pipes, leachate tanks, alarm system and Humeceptors;
- Shaping and trimming of stormwater treatment ponds;
- Construction of the greenwaste shredding pavement area;
- Complete landscaping associated with the project;
- Respreading of topsoil
- Complete access roads and sealing with asphalt;
- Construction of additional car parking areas;
- Construct kerbs and table drains;
- Install bollards to gas easement boundary;
- Install crushed concrete pavement to operational area; and
- Relocate the second weighbridge and enable installation of a larger weighbridge office.

The construction works have been performed in accordance with the Construction Environment Management Plan as approved by the Secretary on 19 August 2016. Furthermore, construction has been performed following receipt of a Construction Certificate from a private certification authority (Illawarra Building Certifiers, Cert No. 2306). It is noted that the construction works were delayed and were extended due to wet weather in early 2017.

The resource recovery facility at 50 Wyllie Rd, Kembla Grange has been successfully operating since 2013. It was originally owned and operated by Wollongong Recycling and Building Supplies Pty Ltd. In 2017, Wollongong Recycling (NSW) Pty Ltd took possession of the facility. The facility was originally approved under Development Consent DA2009/1153 from Wollongong City Council.

We note that construction of the indoor composting shed and biofilters has not been performed and is unlikely to be developed on this site. The new owners of the facility do not wish to undertake composting on the site, though this may be considered in the future. As a result, biofilters have not been fitted and installed.

It is also noted that the development works as described above were inspected and confirmed during a compliance audit undertaken on 21 March 2018. The findings from this audit are given in Appendix A.

Development over the next 12 months will be negligible, and a focus will be placed on operational management of the newly built facility in line with the approved Operational Environmental Management Strategy, involving an increase in waste receipt above 29,999 tonnes per annum. It is noted that the Operational Environmental Management Strategy was approved by the Secretary of the Department of Planning and Environment on 26 February 2018.

Prior to the scale up of waste receipts, the facility is required to seek a variation to its Environment Protection Licence from the NSW Environment Protection Authority. A draft variation to the licence has been received as of 28 March 2018, and a final licence is expected shortly.

Construction of Stage 2 of the development is yet to be determined.

2.2 Review of monitoring results, complaints and predictions in EIS (Condition C11(b))

During 2017, construction operations continued throughout the year, and were completed in December 2017. Development works were conducted in accordance with approved plans and conditions of consent.

A summary of key statutory requirements, limits or performance measures / criteria and requirements of any plan or program required under the consent is shown in Table 2.1. Monitoring performed is also documented.

Table 2.1. Summary of key statutory requirements, limits or performance measures / criteria and requirements of any plan or program required under the consent.

Requirement or limit under consent	Description	Monitoring performed
Waste receipt (during 2017) prior to scale up under Condition A7 of SSD5300	Limit of 30,000 tonnes per year of waste received at the site	Daily Site Supervisor checks and Monthly Waste and Resource Reporting Portal data submitted to NSW EPA
Authorised amount under NSW EPA Licence 20601	Limit of 10,000 tonnes of waste stored on site at any one point in time; including not more than 2,500 m ³ of garden waste and wood waste	Daily Site Supervisor checks and Monthly Waste and Resource Reporting Portal data submitted to NSW EPA
Operating hours	Construction: 7am to 6pm Mon to Fri; 8am to 1pm Sat; Nil Sun & Public Hols. Operations (delivery and operation of machinery): 7am to 6pm Mon to Fri; 8am to 4pm Sat; Nil Sun & Public Hols Operations (all other operational activities): 6am to 6pm Mon to Fri; 8am to 4pm Sat; Nil Sun & Public Hols	Daily Site Supervisor checks
Noise	Noise during construction and operation of the development	Construction Environment Management Plan; Operational Environmental Management Strategy; Complaints Register.

Requirement or limit under consent	Description	Monitoring performed																						
	Table 3: Noise criteria (dB(A)) <table border="1"> <thead> <tr> <th rowspan="3">Location</th> <th colspan="3">Noise criteria (dB(A))</th> </tr> <tr> <th>Day</th> <th colspan="2">Morning Shoulder</th> </tr> <tr> <th>L_{Aeq} (15 minute)</th> <th>L_{Aeq} (15 minute)</th> <th>L_{Aeq} (1 minute)</th> </tr> </thead> <tbody> <tr> <td>The dwelling on Lot 11 DP 878167</td> <td>35</td> <td>35</td> <td>45</td> </tr> <tr> <td>Any dwelling in Farmborough Heights</td> <td>37</td> <td>37</td> <td>47</td> </tr> <tr> <td>Any dwelling in the vicinity of Kingston Town Drive</td> <td>41</td> <td>41</td> <td>51</td> </tr> </tbody> </table>		Location	Noise criteria (dB(A))			Day	Morning Shoulder		L _{Aeq} (15 minute)	L _{Aeq} (15 minute)	L _{Aeq} (1 minute)	The dwelling on Lot 11 DP 878167	35	35	45	Any dwelling in Farmborough Heights	37	37	47	Any dwelling in the vicinity of Kingston Town Drive	41	41	51
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Any dwelling in the vicinity of Kingston Town Drive	41	41	51																					
Surface water quality (discharged) and grab sampled from pond every 6 months	Quality of surface water discharged to a watercourse following treatment	pH: 6.5 – 8.5 Total suspended solids: 30 mg/L																						
Groundwater quality	Quarterly reporting of groundwater from wells pre- and post-development for submission to Office of Water	6 wells established in February 2018 and monitoring of groundwater quality commenced in March 2018																						
Odour	Occupant shall not allow any odour to leave the boundary of the development	Daily Site Supervisor checks; Construction Environment Management Plan; Operational Environmental Management Strategy; Complaints Register.																						
Dust	Occupant shall not allow any material, sediment or oil to be tracked from the development. No dust is to leave the boundary of the development	Four dust gauges in place on northern, eastern, southern and western boundaries; Daily Site Supervisor checks; Construction Environment Management Plan; Operational Environmental Management Strategy; Complaints Register.																						
Incidents	Reporting of incidents to NSW Environment Protection Authority and in accordance with Pollution Incident Response Management Plan	Incidents response register																						
Complaints	Recording and response to complaints made in relation to the development	Online complaints register; Incidents response register																						

An assessment of how the development has performed in relation to these criteria during the 2017 calendar year, including monitoring results during 2017 and in 2016 is given in the following sections. We also compare these results to relevant predictions in the EIS.

2.2.1 Waste receipt (during 2017) prior to scale up under Condition A7 of SSD5300

During 2017, waste receipt and recycling operations continued whilst construction works were underway, consistent with the Construction Environment Management Plan. The site ceased the receipt of waste in December 2017. On 15 March 2018, the site recommenced the receipt of waste for recycling.

It is noted that on 7 August 2017, the site received a Prevention Notice from the NSW EPA (Notice 1555041). That notice has been complied with and the waste to which that Notice related was lawfully removed and

disposed from the site. Enhanced waste inspection measures have been introduced as part of the site's Operational Environmental Management Strategy and Asbestos Management Plan which involves:

- Inspection of all loads of waste material at the weighbridge, to identify loads of waste where customers have attempted to hide or unlawfully dispose of asbestos mixed in with building waste;
- A receival area for spreading, inspection and removal of any potential asbestos containing materials and their entire loads, with data entered into the site's Rejected Load Register.

Procedures for enhanced surveillance of all incoming loads for asbestos are considered adequate, though it needs to be highlighted that customer education is also critical to ensure that the site is not detrimentally impacted by unlawful disposal of asbestos. Consideration should be given to a customer education program in 2018.

2.2.2 Authorised amount under NSW EPA Licence 20601

During 2017, waste receival and recycling operations continued whilst construction works were underway, consistent with the Construction Environment Management Plan. The site was operated to ensure that the amount of waste stored on site did not exceed the authorised amount of 10,000 tonnes (at any one point in time) as per Condition L3.2 of EPA Licence 20601.

During the 2017 calendar year, the site complied with this requirement, with evidence provided to the EPA as part of the site's monthly waste reporting. Daily checks are also performed by the Site Supervisor as part of the Daily Site Supervisor Checklist.

2.2.3 Operating hours

The Site Supervisor manages access to the facility and ensures compliance with the site's operating hours consent restrictions. A single locked main access gate ensures that staff, visitors and contractors fully complied with this requirement for the 2017 calendar year.

2.2.4 Noise

Approved noise mitigation measures for the site that were implemented in 2017 are documented in Construction Environment Management Plan and the Operational Environmental Management Plan approved by the Secretary of the Department of Planning and Environment (Table 1.1). A series of noise minimisation and mitigation measures are used to ensure that noise does not impact on nearby sensitive receptors.

During 2017, no specific noise monitoring was performed. During this time, no complaints were received during the construction and operational phases, given the site fully implemented all noise mitigation measures.

This Annual Review documents the predicted noise levels during construction and operational phases, including limits as given in SSD5300. Noise monitoring in 2018 will permit an assessment of the facility's compliance with noise criteria as part of the 2019 Annual Review for the Department of Planning and Environment.

Table 2.2. Noise levels at the nearest sensitive receptors, with data from 2017, 2016, predictions in the EIS and consent limits under SSD5300.

Sensitive receptor	2017 noise data (dB(A))	2016 noise data (dB(A))	Noise levels from EIS and SSD5300 Consent				
			Predicted construction noise levels (dB(A))	Predicted operational noise levels (dB(A))	SSD5300 Consent - Day (dB(A)) (L _{Aeq} 15 minute)	SSD5300 Consent - Morning shoulder (dB(A)) (L _{Aeq} 15 minute)	SSD5300 Consent - Morning shoulder (dB(A)) (L _{Aeq} 1 minute)
Houses on Fairloch Avenue, Farmborough Heights	No data	No data	35	35	37	37	47
Ian McLennan Park	No data	No data	40	38	-	-	-
Macedonian Orthodox Church	No data	No data	30	33	35	35	45
Kingston Lodge ¹	No data	No data	37	36	41	41	51

¹ SSD5300 refers to the sensitive receptor location as being 'Any dwelling in the vicinity of Kingston Town Drive.

2.2.5 Surface water quality (discharged)

In the 2017 calendar year, the site did not discharge any water into the unnamed creek on the south side of the development. However, under the Environment Protection Licence for the site (Condition M2.2), surface water quality testing is required once every 6 months and during overflow events. The results of these analyses and a comparison to EPA discharge limits in EPL 20601 (as per Condition L2.4 of the EPA licence) is given in Table 2.3. Testing suggests the site complied with EPA licence requirements.

Table 2.3. Surface water quality testing associated with water in stormwater detention pond as per Condition M2.2 of Environment Protection Licence 20601. Results are for grab samples of detained water in sediment pond only as no overflow events occurred during the year.

Pollutant	Grab sample from stormwater detention pond (date)	Result	EPA Licence limit	Compliant? (Y/N)
pH	05/12/17	7.3	6.5-8.5	Y
Total suspended solids (mg/L)	05/12/17	<5	30	Y

Soil and erosion control measures during the compliance audit on 21 March 2018 generally found that the existing measures were considered satisfactory as per the Soil and Water Management Plan approved by the Secretary of the Department of Planning and Environment. Minor non-compliance issues are highlighted in

Section 2.8 and relate to the requirement for ensuring all exposed soil surfaces on the northern batter of the development are vegetated to prevent erosion, and migration of sediment onto the hardstand, and impacting on surface water quality.

Prior to the audit, a period of wet weather was experienced in Kembla Grange, and evidence of mud was seen on the hardstand, which was being tracked across the site by vehicles and mobile plant. No evidence of mud or sediment tracking onto the public road was evident. Careful management of surface water and sediment will be required as the facility increases the receipt of waste, with more vehicles accessing the site daily. A wheel wash at the site entrance may need to be considered in future if sediment tracking occurs onto the public road.

2.2.6 Groundwater quality

During construction works in 2017, existing groundwater wells in place were found to have been damaged during the construction process, and 6 new wells were established in February 2018 to enable the collection of groundwater samples pre- and post-development for reporting to the Office of Water on a quarterly basis.

A full year of data will be available for the Annual Review report for 2019.

2.2.7 Odour

During the 2017 calendar year, no odour complaints were made in relation to the development. Given composting has not commenced on site, odour assessment has not been considered further in this Annual Review.

2.2.8 Dust

An Air Quality Management Plan was approved on 19 August 2016 for the construction phase of the development, and a further updated Air Quality Management Plan was prepared and approved by the Secretary of the Department of Planning and Environment on 26 February 2018 (Table 1.1). A series of dust minimisation and mitigation measures are used on the site to ensure that dust does not leave the premises.

Under Condition B16 of SSD5300, an Air Quality and Odour Audit (including dust) needs to be completed within three months of the approval of the Operational Environmental Management Strategy. This audit is scheduled for May 2018, and this data will be used in the subsequent Annual Review for 2019.

2.2.9 Incidents

During the 2017 calendar year, no incidents occurred in relation to the development. All incidents are logged, published online² and are investigated. Wollongong Recycling (NSW) Pty Ltd is unaware of any incidents occurring at the facility prior to its possession.

2.2.10 Complaints

During the 2017 calendar year, no complaints were received in relation to the development. All complaints are logged, published online² and are investigated. Wollongong Recycling (NSW) Pty Ltd is unaware of any complaints received by the facility prior to its possession.

² Bingo Industries Complaint Register for Kembla Grange is published at: <https://www.bingoindustries.com.au/wp-content/uploads/2018/03/COMPLAINTS-REGISTER-EPL20601-1.pdf>

2.3 Non-compliance over the year and actions to ensure compliance (Condition C11(c))

The audit found that Wollongong Recycling (NSW) Pty Ltd has complied with all management plans and procedures as required by SSD5300, except for the minor non-compliances as summarised in Table 2.4. Generally, the audit found that the site is being operated in a manner consistent with the planning consent.

The following list of minor non-compliances were identified, and the recommended actions / evidence required by Wollongong Recycling (NSW) Pty Ltd has been provided to ensure compliance. These outstanding actions are shown in Table 2.4.

It is noted that asbestos management issue described in Section 2.2.1 has been satisfactorily addressed and is not documented in Table 2.4.

Table 2.4. Minor non-compliances and recommendations to ensure compliance.

Minor Non-compliance	Recommended actions / evidence required to ensure compliance
The weather station was sighted during the site audit however the weather station is not operational due to internal modifications to the site office	Re-instate weather station as soon as practicable. In the interim, monitor the weather using the Bureau of Meteorology for forecasts and visual observation on site to manage and adjust site activities accordingly
Weighbridge office was not connected to the rainwater tank and outlet to drainage system as per SSD5300 MOD 1 plans, leading to collection of water under weighbridge	Tank is to be reconnected as soon as practicable. Work scheduled for completion by 06/04/18
Main warehouse was not connected to rainwater tanks as approved in SSD5300 plans	Tank is to be reconnected as soon as practicable
Batter on northern part of Site lacks vegetation	Revegetation of batter on northern part of site required to reduce soil loss and impacts on operational area
Operational Environmental Management Plan has not been uploaded to the website	Operational Environmental Management Plan to be uploaded to the website and made publicly available
Wollongong Recycling (NSW) Pty Ltd failed to write to Office of Water to advice on change of ownership in May 2017	Letter to be provided to the Office of Water immediately. This was completed on 29/03/18
CCTV camera offline during inspection	CCTV camera to be reconnected immediately. Contractor scheduled for 05/04/18

2.4 Trends in the monitoring data over the life of the development (Condition C11(d))

This report comprises the second Annual Review for the development and includes a full 12 months which have been characterised by completion of construction works under Stage 1, and preparation for scale up of waste receipts in 2018.

2.5 Discrepancies between the predicted and actual impacts of the development and causes (Condition C11(e))

An assessment of this requirement will be possible for the 2019 Annual Report. Monitoring in accordance with the recently approved OEMP will continue throughout the next annual reporting period.

2.6 Measures have or will be implemented in the current calendar year to improve the environmental performance of the development (Condition C11(f))

In 2018 when the facility commences a scale up in waste receipts, and assessment of the effectiveness of the mitigation measures implemented under the Operational Environmental Management Plan will be performed. Any amendments to these plans will be made and appropriate notification to the Department will be made.

However, at this early stage of the completed development, the key measure to be implemented in operations as documented in Section 2.2.1 is provided below:

- Inspection of all loads of waste material at the weighbridge, to identify loads of waste where customers have attempted to hide or unlawfully dispose of asbestos mixed in with building waste;
- A receival area for spreading, inspection and removal of any potential asbestos containing materials and their entire loads, with data entered into the site's Rejected Load Register.

These procedures have been included in the Operational Environmental Management Plan as approved by the Secretary of the Department of Planning and Environment on 26 February 2018.

2.7 Summary of Audit Recommendations

The audit found that Wollongong Recycling (NSW) Pty Ltd has complied with all management plans and procedures as required by SSD5300 except for the minor non-compliances as given in Table 2.4. Generally, the audit found that the site is being operated in a manner consistent with the planning consent.

3. Conclusion

An Annual Review report has been prepared for Wollongong Recycling (NSW) Pty Ltd, owner and operator of a construction and demolition waste recycling facility located at 50 Wyllie Rd, Kembla Grange. Under Condition C11 of development consent SSD5300 operating at the site, the proponent is required to report to the Secretary of the Department of Planning and Environment on the environmental performance of the development. An Annual Review is required by the end of March each year.

As per the requirements of Condition C11, the report provides an overview of the environmental performance of the development by describing the development that was carried out in the previous calendar year, and the development that is proposed to be carried out over the current calendar year. The report includes a review of the monitoring results and complaints records of the development over the last calendar year, including a comparison of the results against the:

- Relevant statutory requirements, limits or performance measures / criteria;
- Requirements of any plan or program required under the consent;
- Monitoring results of previous years; and
- The relevant predictions in the EIS.

The Annual Review also identifies any non-compliance over the last calendar year, and describe what actions were (or are being) taken to ensure compliance; identifies trends in the monitoring data over the life of the development; identifies and discrepancies between the predicted and actual impacts of the development and analyses the potential cause of any significant discrepancies. Furthermore, under the C11 consent condition, the proponent must describe what measures have or will be implemented in the current calendar year to improve the environmental performance of the development.

To inform the Annual Review, an assessment of compliance with the planning consent and environmental management requirements as specified in the following documents has been performed:

- State Significant Development (5300) Conditions of Consent;
- State Significant Development (5300) Statement of Commitments;
- State Significant Development (5300) Mod 1 Conditions of Consent;
- Department of Primary Industries Controlled Activity Approval;
- Pollution Incident Response Management Plan; and
- Operational Environmental Management Strategy as approved by Department of Planning and Environment on 26/02/18 (including sub-environmental strategies).

A compliance audit was conducted on 21 March 2018. This involved a detailed desktop assessment of all management documentation, and a site inspection across the entire facility on 21 March 2018. Generally, the audit found that the site is being operated in a manner consistent with the planning consent.

For the past 12 months, the site has been subject to construction and limited recycling operations to implement Stage 1 of the approved development under SSD5300 as per the Secretary's approval on 19 August 2016. Since then, systems have been put into place to monitor and report on the ongoing environmental performance of the development. This has included procedures for monitoring and reporting on groundwater, surface water quality, dust and environmental management systems for minimising dust, noise, vibration, odour, erosion and receipt of non-compliant waste or hazardous waste materials. The Occupation Certificate for the development was obtained on 23 January 2018 on satisfactory completion of construction works, with approval from the

Secretary on 26 February 2018 for the Operational Environmental Management Strategy for the development under Condition C3 of SSD5300.

It is also noted that no complaints were received in the past 12 months in relation to the operation or construction works undertaken at the site.

Wollongong Recycling (NSW) Pty Ltd has been issued a draft variation to their Environment Protection Licence 20601, which is required before the site can increase its receipt of approved waste materials to 230,000 tonnes per annum as per Condition A6 of SSD5300. In the next 12 months, the proponent will seek to increase the receipt of approved waste materials and manage the facility to protect the environment in accordance with all approvals, licenses and the Operational Environmental Management Strategy as approved by the Secretary.

Non-compliances are noted in Appendix 1. Monitoring will be conducted in accordance with the recently approved OEMS.

4. References

Documents reviewed as part of the audit:

- State Significant Development (5300) Conditions of Consent
- State Significant Development (5300) Statement of Commitments
- State Significant Development (5300) Mod 1 Conditions of Consent
- Department of Primary Industries Controlled Activity Approval
- Operational Environmental Management Strategy as approved by Department of Planning and Environment on 26/02/18 (including sub-environmental strategies:
 - Wollongong Recycling (NSW) Pty Ltd – Air Quality Management Plan (February 2018)
 - Wollongong Recycling (NSW) Pty Ltd – Asbestos Management Plan (February 2018)
 - Wollongong Recycling (NSW) Pty Ltd – Soil and Water Management Plan (February 2018)
 - Wollongong Recycling (NSW) Pty Ltd – Waste Monitoring Program (February 2018)
 - Wollongong Recycling (NSW) Pty Ltd – Pollution Incident Response Management Plan (February 2018)
 - Wollongong Recycling (NSW) Pty Ltd – Traffic Management Plan (February 2018)
 - Wollongong Recycling (NSW) Pty Ltd – Bushfire Management Plan (February 2018)

Appendix 1: Audit findings

A1.1: State Significant Development (SSD5300) Conditions of Consent

SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
A5.	<p>Statutory Requirements</p> <p>The Applicant shall ensure that all licences, permits, and approvals/consents are obtained as required by law and maintained as required through the life of the Development. No condition of this consent removes the obligation for the Applicant to obtain, renew or comply with such licences, permits or approvals/consents.</p>	+ All approvals are in place for the development	+ Planning consent SSD5300 + EPA Licence 20601 in place and draft EPL variation issued by EPA on 14 March 2018 + Department of Primary Industries Controlled Activity Approval	Yes
A6.	<p>Limits of Consent</p> <p>The Applicant shall not receive or process on the site more than 230,00 tonnes per calendar year of waste, subject to Condition A8</p>	+ Facility currently complying with EPA Licence 20601 limit condition of 29,999 tpa maximum waste receipt until EPA licence variation is approved	+ EPA Licence 20601	Yes
A7.	<p>Despite Condition A7, the Applicant shall not receive or process on the site more than 30,000 tonnes per calendar year of waste until:</p> <ul style="list-style-type: none"> a) a Final Occupation Certificate has been issued for Stage 1 of the Development; and b) the Secretary has approved the Operational Environmental Management Strategy for the Development (see Condition C3). 	+ Facility has received final Occupation Certificate on 23/01/18 (Cert. No. 2306) + Secretary DPE approved OEMS on 26/02/18	+ Waste receipt limited by EPA Licence 20601 until EPL variation is approved	Yes
A8.	<p>The Applicant shall store no more than 45,000 tonnes of waste on the site at any one time, including:</p> <ul style="list-style-type: none"> a) No more than 2,500m³ of organic waste on the site at any one time; and 	+ Site inspection of stockpiles on 21/03/18 + Site is limited to <2,500 m ³ of organic waste and <10,000 tonnes of waste at any point in time (Condition L3.2 and L3.3 of EPL 20601)	+ Visual inspection of stockpiles on 21/03/18 + EPA Licence 20601	Yes

SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
	b) No more than 500m ³ of the above limit on organic waste is to comprise compost product			
A12	Surrender of Consent In order for the development of land to proceed in a coordinated and orderly manner and to avoid potential conflicts with this consent, the Applicant shall and in the manner prescribed by clause 97 of the EP&A Regulation, surrender the development consent (DA-2009/1153, as modified) issued by Wollongong City Council described in Table 1 (of SSD5300) within 14 days of the issue of the Construction Certificate for the Development	+ Letter from Wollongong City Council dated 3/11/16 confirming surrender of DA-2009/1153	+ Letter from Wollongong City Council dated 3/11/16	Yes
A13.	Meteorological Monitoring Within 14 days of the issues of a Construction Certificate for the Development, the Applicant shall ensure that there is a suitable meteorological station on the site that complies with the requirements of the latest version of the Approved Methods for Sampling Air Pollutants in New South Wales. The Application shall operate the meteorological station for the life of the Development.	+ Weather station viewed but not operational due to internal modifications to site office	+ Site inspection	No – reconnection required
B2	Waste Management The Applicant shall implement a Waste Monitoring Program for the Development within 14 days of the issue of a Construction Certificate for the Development. The program must: a) be prepared by a suitably qualified and experienced person(s); b) include suitable provision to monitor and record the: (i) quantity, type and source of waste received on site; and	+ Waste Monitoring Program as approved by the Secretary DPE on 26/02/18 + Bingo Training Needs Register sighted + SOP-YA003 Asbestos at Recycling Centres procedure sighted + OPL-YA040 Unexpected asbestos finds – site sighted	+ Waste Monitoring Program (Appendix D of Operational Environmental Management Plan) + Bingo Training Needs Register + SOP-YA003 Asbestos at Recycling Centres procedure	Yes

SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
	<ul style="list-style-type: none"> (ii) quantity, type and quality of the outputs produced on site. c) ensure that: <ul style="list-style-type: none"> (i) all waste that is controlled under a tracking system has the appropriate documentation prior to acceptance at the site; and (ii) staff receive adequate training to be able to recognise and handle any hazardous or other prohibited waste including asbestos. 		+ OPL-YA040 Unexpected asbestos finds	
B4	<p>Sewage Management The applicant shall obtain approval for the operation of an On-site Sewage Management System in Accordance with Section 68 of the <i>Local Government Act 1993</i>.</p>	+ OS-2015/15 Approval to Operate On-site Management System sighted from Wollongong City Council (dated 31/08/15)	+ OS-2015/15 Approval to Operate On-site Management System approval	Yes
B5.	<p>Water Management Plan Prior to the commencement of construction of the Development, the Applicant shall prepare a Water Management Plan to the satisfaction of the Secretary. The plan must:</p> <ul style="list-style-type: none"> a) be prepared by a suitably qualified and experienced person(s) in consultation with the EPA and DPI; b) include a detailed site water balance; c) include a mass soil balance; d) include the details of: <ul style="list-style-type: none"> (i) retaining walls and soil cut and fill; (ii) expected groundwater interception and extraction; (iii) all-weather access to the site; 	+ Soil and Water Management Plan Program as approved by the Secretary DPE on 26/02/18. + Pollution Incident Response Management Plan sighted	+ Soil and Water Management Plan Program (Appendix C of Operational Environmental Management Plan) + Pollution Incident Response Management Plan	Yes

SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
	<ul style="list-style-type: none"> (iv) clean water runoff areas that discharge without treatment (i.e. car parks and roofs) (v) the Water Management System for the site (see Condition B7); (vi) erosion and sediment controls (see Condition B8); (vii) bunding (see Condition B9); and (viii) water management, monitoring, testing and incident response arrangements. 			
B6.	<p>Water Management Plan The Applicant shall carry out the Development in accordance with the Water Management Plan approved by the Secretary (as revised and approved by the Secretary from time to time), unless otherwise agreed by the Secretary.</p>	+ Soil and Water Management Plan Program as approved by the Secretary DPE on 26/02/18	+ Soil and Water Management Plan Program (Appendix C of Operational Environmental Management Plan)	Yes
B7.	<p>Water Management System The Applicant shall operate a Water Management System for the site. The system must:</p> <ul style="list-style-type: none"> a) be designed by a suitably qualified and experienced person(s) in consultation with the EPA and Council; b) control surface water so that it does not mix with waste on the site; c) include surface water and leachate detention; d) be consistent with the guidance in Managing Urban Stormwater - Soils and Construction Vol. 1 (Landcom, 2004); e) divert clean surface water around operational areas of the site; 	<ul style="list-style-type: none"> + Soil and Water Management Plan Program as approved by the Secretary DPE on 26/02/18 + Groundwater wells in place (x6) and data reported quarterly to Office of Water + Daily Supervisor Checklist inspected for details on daily checks on water management system + Roofwater from weighbridge office not connected to tank and outlet to drainage system as per SSD5300 MOD 1 plans, leading to collection of water under weighbridge + Roofwater from main warehouse not connected to tanks as approved in SSD5300 plans. Tanks to be reconnected. + All other water management measures considered satisfactory. 	<ul style="list-style-type: none"> + Soil and Water Management Plan Program (Appendix C of Operational Environmental Management Plan) + Site inspection across entire site + Daily Supervisor Checklist 	No – contractor scheduled to complete by 06/04/18



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
	f) include water quality monitoring that can determine the performance of the water management system against any EPL discharge limits; and g) include water reuse based on a risk assessment of environment and human health impacts.			
B8.	Erosion and Sediment Control The Applicant shall implement erosion and sediment control measures on-site in accordance with Managing Urban Stormwater: Soils and Construction Vol. 1 (Landcom, 2004).	+ Soil and Water Management Plan Program as approved by the Secretary DPE on 26/02/18 + Daily Supervisor Checklist inspected for details on daily checks of erosion and sediment controls + Site inspection + Revegetation of batter on northern part of site required to reduce soil loss and impacts on operational area	+ Soil and Water Management Plan Program (Appendix C of Operational Environmental Management Plan) + Site inspection across entire site on 21/03/18 + Daily Supervisor Checklist	No
B9.	Bunding The Applicant shall store all chemicals, fuels and oils used on-site in appropriately banded areas in accordance with the requirements of all relevant Australian Standards, and/or EPA's Storing and Handling Liquids: Environmental Protection - Participant's Manual 2007.	+ All fuels, oils and chemicals were appropriately banded on spill containment pallets. + Note that 110% by volume of spill containment is required for oil drums on banded pallets. Avoid over stocking of oil drums on banded pallets.	+ Site inspection + Pollution Incident Response Management Plan (Appendix F, of Operational Environmental Management Plan)	Yes
B10.	Imported Soil The Applicant shall: a) ensure that only VENM, or ENM, or other material approved in writing by the EPA is used as fill on the site;	+ This requirement is documented in the Construction Waste Management Plan dated 10 May 2016 for the development + VENM and ENM used in construction occurred prior to Wollongong Recycling (NSW) Pty Ltd acquisition. No records are available to Wollongong Recycling (NSW) Pty	+ Construction Waste Management Plan dated 10 May 2016	Insufficient evidence to assess

SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
	<ul style="list-style-type: none"> b) keep accurate records of the volume and type of fill to be used; and c) make these records available to the Department upon request. 	Ltd and no evidence of non-compliance provided by previous site owner.		
B11.	<p>Odour The Applicant shall ensure the Development does not cause or permit the emission of any offensive odour (as defined under section 129 of the POEO Act).</p>	<ul style="list-style-type: none"> + Complaints register – no complaints in 12 months of reporting period + Air Quality Management Plan (Appendix A, Operational Environmental Management Plan) 	<ul style="list-style-type: none"> + Complaints register + Air Quality Management Plan 	Yes
B12.	<p>Air Quality Management Plan Prior to the commencement of construction of the Development, the Applicant shall prepare an Air Quality Management Plan to the satisfaction of the Secretary. The plan must:</p> <ul style="list-style-type: none"> a) be prepared by a suitably qualified and experienced person(s) in consultation with the EPA; b) describe the measures that would be implemented to ensure: <ul style="list-style-type: none"> (i) all reasonable and feasible measures are employed to minimise air emissions, including details of water sprays for stockpiles, exposed areas and the dust suppression system for the crushing plant; (ii) compliance with the relevant conditions of this consent; (iii) contingency measures are deployed to minimise impacts should adverse air emissions occur or appear likely to occur; 	<ul style="list-style-type: none"> + Air Quality Management dated 12 May 2016 is in place and addresses all requirements as per Condition B12 of the development consent + Plan has been approved by Department of Planning and Environment on 19 August 2016 	<ul style="list-style-type: none"> + Air Quality Management Plan dated 12 May 2016 	Yes

SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
	<ul style="list-style-type: none"> c) include well defined triggers for the deployment of construction and operational air quality measures; d) include well defined triggers for ceasing or partially ceasing operations on site during adverse air quality conditions; and e) include a protocol to determine the occurrence of an exceedance of any criteria in the EPL should an exceedance occur. 			
B13	The Applicant shall carry out the Development in accordance with the Air Quality Management Plan approved by the Secretary (as revised and approved by the Secretary from time to time), unless otherwise agreed by the Secretary.	<ul style="list-style-type: none"> + Air Quality Management Plan in place and approved by the Secretary 26/02/2018 (Appendix A of Operational Environmental Management Plan) + Daily Site Supervisor Checklist sighted with details on air quality procedural checks 	<ul style="list-style-type: none"> + Air Quality Management Plan in place + Daily Site Supervisor Checklist 	Yes
B14.	<p>Air Emissions Mitigation The Applicant shall:</p> <ul style="list-style-type: none"> a) operate the Development so that air emissions are minimised during all meteorological conditions; and b) implement best management practice, including all reasonable and feasible air and odour emissions mitigation measures to minimise emissions from the Development, including but not limited to: <ul style="list-style-type: none"> (i) carrying out all composting on the site inside a fully enclosed building under negative atmospheric pressure; (ii) covering all finished compost or mulch that is stored outside a building with a suitable rain-proof cover; 	<ul style="list-style-type: none"> + All waste processing operations on-site inspection on 21/03/18 appears to be compliant with consent condition and Operational Environmental Management Plan and Appendix A – Air Quality Management. As approved by Secretary + No composting activities inside building are currently being performed. + Only mulching and temporary storage on bunded pad outdoors in designated storage area. + Dust suppression systems not observed due to wet weather during inspection, though water truck observed on-site. + Dust gauges in place on boundaries (x4) 	<ul style="list-style-type: none"> + Operational Environmental Management Plan and Appendix A – Air Quality Management. + Site inspection on 21/03/18. 	Yes



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
	<ul style="list-style-type: none"> (iii) ensuring all paper, cardboard or plastic that is stored outside a building is within a compacted bale or covered enclosure; (iv) ensuring any stockpile of organic waste stored outside a building is 3 metres in height or less; (v) ensuring any stockpile of inorganic waste stored outside a building is 5 metres in height or less; (vi) storing no more than 2,500 m³ of organic matter outside a building at any one time, comprising of no more than: <ul style="list-style-type: none"> • 1,000m³ of unprocessed green waste; • 1,000m³ of mulches; and • 500m³ of compost; (vii) storing no more than 300 tonnes of firewood outside a building at any one time; and (viii) dust suppression using chemical suppressants, water sprays/misters. 			
B15.	<p>Construction Emissions Mitigation During construction, the Applicant shall ensure that:</p> <ul style="list-style-type: none"> a) all vehicles on site do not exceed a speed of 30 kilometres per hour; b) all loaded construction vehicles entering or leaving the site have their loads covered; and c) all construction vehicles leaving the site are cleaned of dirt, sand and other materials 	<p>+ Construction works completed prior to inspection on 21/03/18. + Construction process managed as per approved Construction Environment Management Plan dated 9/05/16 by KFW</p>	<p>+ Construction Environment Management Plan.</p>	Yes

SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
	before they leave the site, to avoid tracking the materials on public roads.			
B16	<p>Air Quality and Odour Audit The Applicant shall carry out an Air Quality and Odour Audit of the Development no later than three months after the Secretary has approved the Operational Environmental Management Strategy (refer to Condition C3) for the Development. The audit must:</p> <ul style="list-style-type: none"> a) be carried out by a suitably qualified and experienced expert whose appointment has been endorsed by the Secretary; b) audit the Development whilst it is in operation; c) include a summary of air and odour emission related complaints and any actions that were carried out to address the complaints; d) validate the Development against air quality and odour predictions in the EIS; e) review design and management practices of the Development against industry best practice for air emissions and odour management; and f) include an action plan that identifies and prioritises additional air and odour emission mitigation measures that may be necessary to reduce air emissions. 	+ Audit has been booked and is scheduled for 26/05/2018 to comply with this consent requirement	+ Advice provided by Environmental Manager	N/a
B18.	<p>Construction and operation hours The Applicant shall comply with the construction and operation hours in Table 2 (of SSD-5300) unless otherwise agreed to in writing by the Secretary.</p>	<p>+ Construction works completed prior to inspection on 21/03/18. + Construction process managed as per approved Construction Environment Management Plan dated 9/05/16 by KFW.</p>	<p>+ Construction Environment Management Plan + Advice provided by Bingo Environmental Manager</p>	Yes

SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
B20.	Noise criteria The Applicant shall ensure that noise generated by the Development does not exceed the noise criteria in Table 3 (of SSD5300).	+ Noise managed in accordance with procedure OPL-YA027 Controlling Noise Emissions at Recycling Centres + No complaints as per Complaints Register	+ OPL-YA027 Controlling Noise Emissions at Recycling Centres + Complaints Register	Yes
B21.	Noise compliance measurement Noise generated by the Development is to be measured in accordance with the relevant requirements and exemptions (including certain meteorological conditions) of the latest version of the NSW Industrial Noise Policy.	+ Noted	+ N/a	N/a
B22.	Vibration criteria The Applicant shall ensure that vibration resulting from the Development does not exceed the continuous or impulsive vibration criteria in EPA's Assessing Vibration: A Technical Guideline (February 2006) at residential receivers.	+ Vibration managed in accordance with procedure OPL-YA027 Controlling Noise Emissions at Recycling Centres + No complaints as per Complaints Register	+ OPL-YA027 Controlling Noise Emissions at Recycling Centres + Complaints Register	Yes
B23.	Noise mitigation The Applicant shall: <ul style="list-style-type: none"> a) implement best management practice, including all reasonable and feasible noise management and mitigation measures to prevent and minimise operational, low frequency and traffic noise generated by the Development; b) minimise the noise impacts of the Development during adverse meteorological conditions; c) maintain the effectiveness of any noise suppression equipment on plant at all times and ensure defective plant is not used operationally until fully repaired; and 	+ Noise managed in accordance with procedure OPL-YA027 Controlling Noise Emissions at Recycling Centres + Noise loggers not in place + No complaints as per Complaints Register for previous 12 months	+ OPL-YA027 Controlling Noise Emissions at Recycling Centres + Complaints Register	Yes – Consideration to be given to noise loggers at receptor locations as evidence of compliance with limit conditions in B20 of SSD5300

SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
	d) regularly assess noise monitoring data and relocate, modify and/or stop operations to ensure compliance with the noise criteria in this consent.			
B24.	Noise monitoring The Applicant shall carry out any noise monitoring required by the EPL	+ No noise monitoring required under EPL 20601	+ EPL 20601	Yes
B26.	Fire Management The Applicant shall: a) implement suitable measures to minimise the risk of fire on the site; b) extinguish any fires on the site promptly; and c) maintain adequate fire-fighting capacity on the site at all times.	+ Fire safety systems approved under Occupation Certificate from Illawarra Building Certifiers on 23/01/18 (Cert. No. 2306) + Drills conducted as per Pollution Incident Response Management Plan (annual basis)	+ Occupation Certificate + Pollution Incident Response Management Plan	Yes
B29.	Landscape Management Plan Prior to the commencement of construction of the Development, the Applicant shall prepare a Landscape Management Plan in consultation with the Office of Water, to the satisfaction of the Secretary. The plan must: a) be prepared by a suitably qualified and experience person(s); b) detail the measures to be employed to address the requirements of Condition 830; c) describe and map the extent of the Riparian Zone for the un-named tributary on the site; d) be consistent with the Vegetation Management Plan, Version 7, dated October 2015, prepared by Southern Habitat; e) include: (i) a schedule of proposed planting, including botanic and common	+ Site landscaping managed in accordance with approved Operational Environmental Management Plan – Appendix C- Soil and Water Management Plan. + Contract landscaper currently being engaged to manage maintenance of all landscaped areas + Site inspection identified weed growth in riparian corridor, and to be managed by landscape contractor.	+ Operational Environmental Management Plan – Appendix C- Soil and Water Management Plan. + Site inspection	Yes – Landscape contractor to be engaged to manage maintenance program

SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
	<p>names, expected mature height and staking requirements, numbers of plants and pot sizes;</p> <p>(ii) the location of all proposed and existing overhead and underground service lines, with all service lines clear of the drip lines of existing and proposed trees;</p> <p>(iii) the location of common taps and/or irrigation system in accordance with Wollongong City Council Landscape Technical Policy No 98/4;</p> <p>(iv) the details of protection measures for existing vegetation to be retained; and</p> <p>(v) a landscape maintenance program for the operational life of the facility.</p>			
B30.	<p>The Applicant shall carry out the Development in accordance with the Landscape Management Plan approved by the Secretary (as revised and approved by the Secretary from time to time), unless otherwise agreed by the Secretary</p>	<p>+ Landscape Management Plan (as per approved Operational Environmental Management Plan – Appendix C- Soil and Water Management Plan)</p>	<p>Landscape Management Plan (as per approved Operational Environmental Management Plan – Appendix C- Soil and Water Management Plan)</p>	Yes
B31.	<p>Landscaping The Applicant shall:</p> <p>a) ensure that all works are consistent with the Vegetation Management Plan, Version 7, dated October 2015, prepared by Southern Habitat;</p>	<p>+ Site landscaping managed in accordance with approved Operational Environmental Management Plan – Appendix C- Soil and Water Management Plan. + Contract landscaper currently being engaged to manage maintenance of all landscaped areas.</p>	<p>+ Operational Environmental Management Plan – Appendix C- Soil and Water Management Plan.</p>	Yes – Landscape contractor to be engaged to manage



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
	<ul style="list-style-type: none"> b) ensure that the <i>Ficus macrophylla</i> (Moreton Bay Fig) and <i>Streb/us brunonianus</i> (Whalebone Tree) described in Drawing No.1442-LC01G, prepared by Ochre Landscape Architects dated 12 August 2015, are retained and protected during construction; c) install a permanent physical barrier at the landward extent of the riparian zone to prevent damage to the riparian zone; d) ensure that the riparian zone is landscaped with fully structured native vegetation that emulates the local vegetation community; e) ensure that washing of equipment or disposing of building materials, does not occur within the drip line of any tree nominated for retention; f) ensure that appropriate tree protection measures are employed for the entirety of the excavation and construction phases of the Development, including: <ul style="list-style-type: none"> (i) 1.8-metre-high cyclone chain mesh fence, with posts and portable concrete footings; and (ii) mulching of tree protection zones with 75 millimetres of mulch; and g) install permeable surfaces (in accordance with the manufacturer's recommendations) for any proposed hard surface under the canopy of existing trees, with finished surface levels matching existing levels. 	<p>+ Site inspection on 21/03/18 identified weed growth in riparian corridor, and to be managed by landscape contractor</p>	<p>+ Site inspection</p>	<p>maintenance program.</p>

SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
C1.	<p>Construction Environmental Management Plan</p> <p>Prior to the commencement of construction of the Development, the Applicant shall prepare a Construction Environmental Management Plan to the satisfaction of the Secretary. The Plan must:</p> <ul style="list-style-type: none"> a) be prepared by a suitably qualified and experienced person(s); b) describe all activities to be undertaken on the site during construction, including a clear indication of construction stages; c) identify the statutory approvals that apply to the Development; d) outline all environmental management practices and procedures to be followed during construction (e.g. construction traffic management and construction noise and vibration management), including all reasonable and feasible mitigation measures to protect the amenity of the surrounding environment; e) detail how the environmental performance of construction will be monitored, and what actions will be taken to address identified adverse environmental impacts; f) describe the roles and responsibilities for all relevant employees involved in construction; g) include arrangements for community consultation and complaints handling procedures during construction; and h) consolidate the construction related parts of any management plans and monitoring 	<p>+ Construction works completed prior to inspection on 21/03/18</p> <p>+ Construction process managed as per approved Construction Environment Management Plan dated 9/05/16 by KFW</p>	<p>+ Construction Environment Management Plan</p> <p>+ Advice provided by Environmental Manager</p>	Yes



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
	programs required in the conditions of this consent.			
C2.	The Applicant shall carry out the Development in accordance with the Construction Environmental Management Plan approved by the Secretary (as revised approved by the Secretary from time to time), unless otherwise agreed by the Secretary.	+ Construction works completed prior to inspection on 21/03/18. + Construction process managed as per approved Construction Environment Management Plan dated 9/05/16 by KFW.	+ Construction Environment Management Plan + Advice provided by Bingo Environmental Manager	Yes
C3.	<p>Operational Environmental Management Strategy</p> <p>The Applicant shall prepare an Operational Environmental Management Strategy for the Development to the satisfaction of the Secretary. This strategy must:</p> <ul style="list-style-type: none"> a) be prepared by a suitably qualified and experienced person(s); b) provide a strategic framework for environmental management of the Development; c) identify the statutory approvals that apply to the Development; d) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the Development; e) describe in general how the environmental performance of the Development would be monitored and managed; and f) describe the procedures that would be implemented to: <ul style="list-style-type: none"> (i) keep the local community and relevant agencies informed about the operation and environmental performance of the Development; 	+ Operational Environmental Management Strategy approved by Secretary 26/02/18, fully addressing all C3 consent condition requirements	+ Operational Environmental Management Strategy	Yes

SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
	<ul style="list-style-type: none"> (ii) receive, handle, respond to, and record complaints; (iii) resolve any disputes that may arise; (iv) respond to any non-compliance; and (v) respond to emergencies. 			
C4.	The Applicant shall carry out the Development in accordance with the Operational Environmental Management Strategy approved by the Secretary (as revised approved by the Secretary from time to time), unless otherwise agreed by the Secretary.	+ Operational Environmental Management Strategy approved by Secretary 26/02/18	+ Operational Environmental Management Strategy	Yes
C5.	<p>Management Plan Requirements</p> <p>The Applicant shall ensure that the environmental management plans/strategies required under this consent are prepared in accordance with any relevant guidelines and include:</p> <ul style="list-style-type: none"> a) detailed baseline data; b) a description of: <ul style="list-style-type: none"> (i) the relevant statutory requirements (including any relevant approval, licence or lease conditions); (ii) any relevant limits or performance measures/criteria; (iii) the specific performance indicators that are proposed to be used to judge the performance of, or guide the implementation of, the Development or any management measures; (iv) the measures that would be implemented to comply with the relevant statutory requirements, limits, or performance measures/criteria; c) a program to monitor and report on the: 	+ Operational Environmental Management Strategy approved by Secretary 26/02/18	+ Operational Environmental Management Strategy	Yes



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
	(i) impacts and environmental performance of the Development; (ii) effectiveness of any management measures; (iii) a contingency plan to manage any unpredicted impacts and their consequences; (iv) a program to investigate and implement ways to improve the environmental performance of the Development over time; d) a protocol for managing and reporting any: (i) incidents; (ii) complaints; (iii) non-compliances with statutory requirements; and (iv) exceedances of the impact assessment criteria and/or performance criteria; and (v) a protocol for periodic review of the plan.			
C7.	Incident Reporting The Applicant shall notify, at the earliest opportunity, the Secretary and any other relevant agencies of any incident that has caused, or threatens to cause, material harm to the environment. For any other incident associated with the Development, the Applicant shall notify the Secretary and any other relevant agencies as soon as practicable after the Applicant becomes aware of the incident. Within 7 days of the date of the incident, the Applicant shall provide the Secretary and any relevant agencies with a detailed report on the incident, and such further reports as may be requested.	+ Incident reporting given in the Operational Environmental Management Strategy approved by Secretary 26/02/18 + Pollution Incident Response Management Plan + Incident reporting system on Bingo intranet	+ Operational Environmental Management Strategy + Bingo Intranet for Incident Reporting	Yes – Incident log to be published on Bingo web site

SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
C8.	<p>Regular Reporting</p> <p>The Applicant shall provide regular reporting on the environmental performance of the Development on a website, in accordance with the reporting arrangements in any plans or programs approved under the conditions of this consent.</p>	<p>+ Reporting given in the Operational Environmental Management Strategy approved by Secretary 26/02/18</p> <p>+ Web site viewed with pollutant monitoring data (https://www.bingoindustries.com.au/wp-content/uploads/2017/05/Pollutant-Monitoring-Results-EPL20601.pdf)</p>	<p>+ Operational Environmental Management Strategy</p> <p>+ Bingo web site</p>	Yes
C9.	<p>Independent Environmental Audit</p> <p>Within 1 year of the Secretary's approval of the Operational Environmental Management Strategy for the Development, and every 3 years thereafter, unless the Secretary directs otherwise, the Applicant shall commission and pay the full cost of an Independent Environmental Audit of the Development. This audit must:</p> <ul style="list-style-type: none"> a) be conducted by a suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Secretary; b) led by a suitably qualified auditor, and include experts in fields specified by the Secretary; c) include consultation with the relevant agencies; d) assess the environmental performance of the Development and assess whether it is complying with the requirements in this consent, and any other relevant approvals and relevant EPU's (including any assessment, plan or program required under the approvals); e) review the adequacy of any approved strategy, plan or program required under the abovementioned consents; and 	<p>+ Noted</p> <p>+ Independent audit to be arranged late 2018</p>	+ N/a	N/a

SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
	f) recommend measures or actions to improve the environmental performance of the Development, and/or any strategy, plan or program required under the consents.			
C10.	Within 6 weeks of commissioning this audit, or as otherwise agreed by the Secretary, the Applicant shall submit a copy of the audit report to the Secretary, together with its response to any recommendations contained in the audit report.	+ Noted. + Independent audit to be arranged late 2018	+ N/a	N/a
C11.	<p>Annual Review</p> <p>By the end of March each year or as otherwise agreed with the Secretary, the Applicant shall review the environmental performance of the Development. This review must:</p> <ul style="list-style-type: none"> a) describe the Development that was carried out in the previous calendar year, and the Development that is proposed to be carried out over current calendar year; b) include a comprehensive review of the monitoring results and complaints records of the Development over the last calendar year, which includes a comparison of the results against the: <ul style="list-style-type: none"> (i) the relevant statutory requirements, limits or performance measures/criteria; (ii) requirements of any plan or program required under this consent; (iii) the monitoring results of previous years; and (iv) the relevant predictions in the EIS; c) identify any non-compliance over the last calendar year, and describe what actions were (or are being) taken to ensure compliance; 	+ This report addresses the requirements of Condition C11 of SSD5300	+ N/a	Yes

SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
	<p>d) identify any trends in the monitoring data over the life of the Development;</p> <p>e) identify any discrepancies between the predicted and actual impacts of the Development, and analyse the potential cause of any significant discrepancies; and</p> <p>f) describe what measures have or will be implemented in the current calendar year to improve the environmental performance of the Development.</p>			
C12	<p>Revision of Strategies, Plans and Programs Within 3 months of the submission of an:</p> <p>a) annual review under Condition C11 above;</p> <p>b) incident report under Condition C7 above;</p> <p>c) audit under Condition C9 above; or</p> <p>d) any modification to this consent,</p>	+ Noted.	+ N/a	N/a
C14.	<p>Access to Information The application shall make copies of the following publicly available on its website:</p> <p>a) the documents referred to in Condition A2;</p> <p>b) all current statutory approvals for the development;</p> <p>c) all approved strategies, plans and programs required under the conditions of this consent;</p> <p>d) a comprehensive summary of the monitoring results of the Development, reported in accordance with the specifications in any conditions of this consent, or any approved plans and programs;</p> <p>e) a complaint register, updated monthly;</p> <p>f) the annual reviews of the Development;</p>	<p>+ All documents under SSD Condition A2 are provided on publicly available web sites as follows:</p> <ul style="list-style-type: none"> EIS, Response to Submissions, site layout plans and drawings and management and mitigation measures (DPE Major Projects web site) EPA licence (https://www.bingoindustries.com.au/recycling-centres/nsw/kembla-grange/) Complaints register (https://www.bingoindustries.com.au/wp-content/uploads/2018/03/COMPLAINTS-REGISTER-EPL20601-1.pdf) Operational Environmental Management Plan (https://www.bingoindustries.com.au/recycling-centres/nsw/kembla-grange/) 	+ EIS, Response to Submissions, site layout plans and drawings and management and mitigation measures + EPA licence + Complaints Register + OEMP	No (Operational Environmental Management Plan to be loaded to web site)



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
	g) any independent environmental audit of the Development, and the Applicants response to the recommendations in any audit; and h) any other matter required by the secretary; and i) keep this information up to date.			
Revised Statement of Commitments 4.1	Geotechnical Design Solutions, Works and Investigations The following recommendations to address geotechnical constraints will be implemented by Bicorp: 1) As part of site preparation prior to construction works, all vegetation, topsoil and any uncontrolled fill will be removed. 2) Temporary surface protection against erosion will be provided in accordance with the requirements of the supervising geotechnical engineer.	+ Construction works completed prior to inspection on 21/03/18. + Construction process managed as per approved Construction Environment Management Plan dated 9/05/16 by KFW.	+ Construction Environment Management Plan	Yes
Revised Statement of Commitments 4.2	Groundwater The following will be implemented by Bicorp in relation to groundwater monitoring and reporting: 1) Groundwater presence or levels will be confirmed if construction is undertaken during or following adverse weather or if a significant time period elapses between this investigation and construction. The Office of Water will be notified prior to any works occurring that are likely to intercept or extract groundwater and an estimate of the likely take of groundwater will be provided to the Office of Water to assess the need for an authorisation.	+ Groundwater testing undertaken quarterly consistent with Appendix C - Soil and Water Management Plan as per Operational Environmental Management Plan approved by the Secretary 26/02/18 + Construction process managed as per approved Construction Environment Management Plan dated 9/05/16 by KFW	+ Appendix C Soil and Water Management Plan as per Operational Environmental Management Plan + Construction Environment Management Plan	Yes



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
	2) Quarterly Testing of the groundwater on the site will be undertaken to identify any future trends and characterise the groundwater within the local area. Monitoring will commence at least three months prior to construction commencing and the results of the groundwater monitoring programme will be provided to the Office of Water. 3) Development of a Soil and Water Management Plan to minimise the amount of surface runoff and potential migration of contamination. 4) Engineering of the development working platform to minimise the infiltration of any contaminants into the underlying soils.			
Revised Statement of Commitments 4.3	Hazards The following measures will be implemented by Bicorp to address hazards associated with transport, construction, on site storage of fuels/hydrocarbons, and site operation in relation to dust, bushfire and theft: 1) Preparation of an Emergency Management/Response Plan. 2) Preparation of an Environmental Management Plan. 3) Preparation of a Work Health and Safety Plan. 4) Preparation of a Hazardous Material Management Plan. 5) Appropriate induction and training of personnel and the implementation of operator training. 6) The purchase of spill response equipment and the implementation of spill response training.	+ (1) Pollution Incident Response Management Plan sighted in Appendix F of Operational Environmental Management Plan approved by the Secretary 26/02/18. + Emergency response procedures given in Section 13 of Operational Environmental Management Plan approved by the Secretary 26/02/18. + (2) EMS System under ISO 14001 in place and certified by Best Practice Industry Certification, Cert. No 72617748231E (expiry 18/02/2021) + (3) WHS System in place under AS4801 and independently audited and certified by Best Practice Industry Certification, Cert. No 72617748231S (expiry 18/02/2021) + (4) Pollution Incident Response Management Plan sighted in Appendix F of Operational Environmental Management Plan approved by the Secretary 26/02/18.	+ Refer to evidence sighted	Yes



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
	7) Emergency services (police, fire brigade) will be contacted when required. 8) The implementation of site security to limit public access, as required. 9) Procurement of firefighting equipment adequate for the level of risk and regular maintenance and testing of such equipment. 10) Preparation of a Bushfire Management Plan. 11) Regular maintenance inspections of equipment. 12) The preparation of a Traffic Management Plan. 13) Implementation of procedures to ensure that handling and storage of flammable and combustible liquids is in accordance with Australian Standards. 14) Storage and handling of all substances, including waste, under conditions that minimise the risk of fire, explosion or toxic emissions, with implementation of specific measures that address the use of solvent extraction reagents. 15) Implementation of specific procedures for high risk tasks. 16) Appropriate induction and training of personnel in emergency response (internal and external) procedures. 17) Ongoing communication with agencies such as Rural Fire Services and monitoring of risk levels in relation to fire danger ratings. 18) Vacuuming and sweeping of site, as required.	+ (5) Sighted procedure SOPCOM005 Induction, Competence, Training and Awareness + (6), (7) Pollution Incident Response Management Plan sighted in Appendix F of Operational Environmental Management Plan approved by the Secretary 26/02/18. + (8) Section 14 of Operational Environmental Management Plan approved by the Secretary 26/02/18. + (9), (10) Bushfire Management Plan in Appendix I of Operational Environmental Management Plan approved by the Secretary 26/02/18. + (11) Air Quality Management Plan as per Appendix A of Operational Environmental Management Plan approved by the Secretary 26/02/18. + (12) Traffic Management Plan in Appendix H of Operational Environmental Management Plan approved by the Secretary 26/02/18. + (13) Waste Monitoring Program as per Appendix D of Operational Environmental Management Plan approved by the Secretary 26/02/18 + (14), (15) Sighted procedure 'SWMS009 – Recycling Centre Operations' + (16) Sighted procedure 'SWMS013 – Ground staff, traffic control and tip floor management' + (17) Pollution Incident Response Management Plan sighted in Appendix F of Operational Environmental Management Plan approved by the Secretary 26/02/18 + (18) Soil and Water Management Plan as per Appendix C of Operational Environmental Management Plan approved by the Secretary 26/02/18. + (19) Sighted the site's Daily Site Supervisor Checklist		

SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
	<p>19) Procurement of spill and water cart equipment adequate for the level of risk identified for the project and regularly maintained and tested to ensure good working order.</p> <p>20) If a major failure of air quality management systems occurs, processing will cease at the facility until the management system is repaired and operational.</p>	<p>+ (20 Air Quality Management Plan as per Appendix A of Operational Environmental Management Plan approved by the Secretary 26/02/18.</p>		
<p>Revised Statement of Commitments 4.4</p>	<p>Biodiversity Bicorp commit to the implementation of the following biodiversity protection measures:</p> <ol style="list-style-type: none"> 1) Retention of remnant intact native vegetation / endangered ecological communities. 2) Erection of a standard three strand wire fence around the extent of the Illawarra Subtropical Rainforest located within the area of workings to indicate and protect this particular remnant. A buffer zone of 5m will apply within this fencing. 3) Retention of identified hollow bearing trees. 4) Retention of a 1 Om wide vegetated riparian corridor to protect aquatic habitats. 5) Retention of identified hollow bearing tree. 6) Revegetation of disturbed batters and landscape areas with native flora species. 7) Undertaking of weed management in accordance with the requirements of the Noxious Weeds Act (1993). 8) Removal of vegetative matter from earth moving machines prior to entering and leaving the site 	<p>+ Occupation Certificate as approved by Illawarra Building Certifiers 23/01/18 (Cert. No. 2306)</p> <p>+ Construction Environment Management Plan dated 9/05/16 by KFW</p> <p>+ Site inspection on 21/03/18 provided evidence of SOC 4.4 Commitments in place</p> <p>+ Landscape contractor to be engaged to ensure vegetation associated with riparian corridor is managed in accordance with Vegetation Management Plan, including weed removal</p>	<p>+ Occupation Certificate</p> <p>+ Construction Environment Management Plan</p> <p>+ Site inspection 21/03/18</p>	<p>Yes</p>



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
	9) Undertaking of weed management of the vegetated riparian buffer area in accordance with the Vegetation Management Plan prepared by Southern Habitat (Version 6, dated August 2015) 10) Rapid revegetation and/or stabilisation of disturbed areas. 11) Remove windblown rubbish.			
Revised Statement of Commitments 4.5	Vegetation 1) The following will be implemented by Bicorp to protect the Moreton Bay Fig on the site: <ul style="list-style-type: none"> • Retention of a reserve as shown on the Landscape Plan dated August 2015. • Removal of the Hickory Wattles 4 & 5 (simply by cutting out with a chainsaw, not heavy machinery) which will disrupt the Fig's roots. • Removal of the Lantana infestation. • Retention of the small Whalebone Tree east of the Fig, and the young Moreton Bay Fig about 7m south - west of the Fig. • Secure quarantining of the Fig's reserve on the works (i.e. east) side with a steel picket and ribbon fence (known as a Tree Protection Zone/TPZ exclusion fence). • No works (apart from Lantana & Hickory removal) to be undertaken within this zone. 2) The Restoration Plan of Action, as contained in the Vegetation Management Plan, updated by Southern Habitat in August 2015 will be implemented.	+ Occupation Certificate as approved by Illawarra Building Certifiers 23/01/18 (Cert. No. 2306) + Site inspection on 21/03/18 provided evidence of Vegetation Management Plan is in place + Final mulching of replanted areas done in January 2018 + Landscape contractor to be engaged to ensure vegetation associated with riparian corridor is managed in accordance with Vegetation Management Plan, including weed removal. This contract will be for an initial 2-year maintenance program	+ Occupation Certificate + Site inspection 21/03/18	Yes



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
	<p>3) A two (2) year maintenance programme will commence following completion of primary weed control and revegetation throughout the riparian corridor. Following this maintenance period and final report, the ongoing maintenance shall continue for the operational life of the facility. The maintenance will require the compilation and submission of an annual report to NSW Office of Water and must be prepared by a suitably qualified person/organisation. The annual report must include but is not limited to site conditions including:</p> <ul style="list-style-type: none"> • Weed cover percentage • Native cover percentage • Identification and determination of actions to remedy any issues pertaining to the ongoing maintenance of the riparian vegetation for the 12 months following the report 			
4.6	<p>Bushfire The following bushfire mitigation and protection recommendations will be adhered to by Bicorp:</p> <ol style="list-style-type: none"> 1) The stockpiling and loading area for green waste and timber is to be confined to the western and south-western sides of the 'Indoor Processing & Storage Shed' over 100m from the riparian area or within the Indoor Processing & Storage Shed 2) The development will be serviced by a static water supply to meet the PBP requirement for a minimum amount of 20,000 litres for 	<p>+ Site inspection on 21/03/18 confirmed correct storage of green waste and timber + 2 x 100,000L water tanks in place for fire fighting</p>	+ Site inspection	Yes



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
	<p>firefighting purposes. The water supply will be visible and readily accessible to fire fighting vehicles and a suitable connection for Rural Fire Service purposes will be made available (65 mm Storz fitting). The supply will be accessible to within 3m by firefighting appliances.</p>			
<p>4.8</p>	<p>Environmental and Amenity Impacts The following flood mitigation and water quality measures will be implemented by Bicorp:</p> <ol style="list-style-type: none"> 1) Up to three 100,000L rainwater tanks in addition to a permanent pool to provide for dust suppression 2) Use of recycled crushed concrete in road pavements and hardstand areas to promote infiltration and reduce the volume of surface runoff. 3) Provision of two OSD basis, one on either side of the watercourse 4) Capture of hydrocarbon, including two Rocla downstream defenders to capture hydrocarbons in oil and grease from runoff. A Humeceptor is also to be installed upstream. 5) Implementation of an Operation and Maintenance Plan for WSUD in regard to weekly and monthly inspection and maintenance, as well as after every rainfall event >25mm, in addition to six monthly inspections and maintenance. 	<p>+ (1) Only 2 x 100,000 L tanks in place as per SSD5300 + (2), (3), (4) As per SSD5300 plans and confirmed in site inspection on 21/03/18. + (5) Refer to Appendix C of Operational Environmental Management Plan as approved by the Secretary 26/02/18.</p>	<p>+ Site inspection + Operational Environmental Management Plan</p>	<p>Yes</p>
<p>4.9</p>	<p>Dust and Odour Management</p>	<p>+ Procedures for dust and odour management are given in the Operational Environmental Management Plan as</p>	<p>+ Operational Environmental Management Plan</p>	<p>Yes</p>



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
	<p>The following general dust mitigation will be implemented by Bicorp:</p> <ol style="list-style-type: none"> 1) Material will be watered prior to it being loaded for haulage, where appropriate. 2) Watering of truck turn around and reversing areas will be undertaken with at least 2L/m²/hr as required to control dust emissions. Any other areas that are visible sources of dust will be appropriately watered until dust impact is no longer an issue. 3) Chemical Dust suppressant spraying will be undertaken on the unsealed access road from the site office into the site. This will be undertaken as per the supplier's requirements. Additional dust suppression will be applied if dust from the road is visibly observed to be leaving the site boundary. 4) A dust suppression system will be installed and operated for the crushing plant. The system will be operated as per manufacturers' specification and used whenever dust from the crusher has the potential to be transported offsite in the direction of sensitive receptors. 5) The size of storage piles will be minimised where possible. 6) Cleared areas of land will be limited and cleared only when necessary to reduce fugitive dust emissions. 	<p>approved by the Secretary on 26/02/18 (refer to Appendix A – Air Quality Management Plan).</p> <ul style="list-style-type: none"> + (1) Water supply observed during site inspection on 21/03/18, but not in use due to wet weather. + (2) Water cart observed during site inspection on 21/03/18, but not in use due to wet weather. Sweeper attached to bobcat used for cleaning road surfaces on entry to the site. + (3) Chemical dust suppressants not used on the site. + (4) Crushers are fitted with water sprays to minimize dust generation. + (5) Storage piles are minimized and this was observed during the site inspection on 21/03/18 where pile heights were compliant with consent conditions. + (6) – (11) Practices were observed during the site inspection on 21/03/18. + (12) Indoor composting plant not used. + (13) Refer to Operational Environmental Management Plan as approved by the Secretary on 26/02/18 (Appendix A – Air Quality Management Plan). + (14) Minimal stockpiles of organic materials were observed during site inspection on 21/03/18. Site supervisor advised stockpiles of materials are minimized and product moved off site to ensure compliance with consent conditions in terms of volumes stored and pile height. + (15) No composting done on site, and no covers are needed on outdoor stockpile of shredded material. + (16) No odour was detectable from leachate dam during site inspection on 21/03/18. + (17) – (19) Not progressed as composting plant not currently used. 	<ul style="list-style-type: none"> + Site inspection on 21/03/18. + Interview with Site Supervisor and Environmental Manager 	



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
	<p>7) On site traffic will be controlled by designating specific routes for haulage and access and limiting vehicle speeds to below 25 km/hr.</p> <p>8) All trucks hauling material should be covered before exiting the site and should maintain a reasonable amount of vertical space between the top of the load and top of the trailer.</p> <p>9) Material spillage on sealed roads will be cleaned up as soon as practicable.</p> <p>10) A rumble-strip at the interface of the sealed road and the unsealed access road will be provided.</p> <p>11) Excavating operations conducted in areas of low moisture content material will be suspended during high wind speed events or water sprays will be used.</p> <p>The following odour mitigation measures will be implemented by Bicorp:</p> <p>12) Design and installation of an appropriate building ventilation system at negative pressure at all times during operation.</p> <p>13) A site odour management plan be developed prior to commissioning the facility with the increased capacity.</p> <p>14) On site storage times of organic material will be minimised prior to processing.</p> <p>15) If the chosen composting process allows, the matured compost stockpiles will be covered to reduce the ingress of water and reduce odour.</p>			



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
	<p>16) If the leachate pond is a significant source of odour Bicorp will investigate the use of aerators to minimise odour, enhance biological degradation and encourage evaporation.</p> <p>17) Validation sampling of odour from any key odour discharge points will be undertaken after commissioning.</p> <p>18) Annual odour sampling of the building ventilation stack will be undertaken.</p> <p>19) If required (as demonstrated by annual odour sampling), all air will be treated in an odour control system prior to discharge.</p>			

A1.2: State Significant Development (5300) Mod 1 Conditions of Consent

SSD5300 Mod 1 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
A2.	<p>Terms of Consent</p> <p>The Applicant shall carry out the Development in accordance with the:</p> <ul style="list-style-type: none"> a) EIS b) Response to Submissions c) Site layout plans and drawings (Appendix A of SSD5300) d) Management and Mitigation Measure (Appendix B of SSD5300) e) <u>The S96(1A) Modification Application to SSD5300 prepared by Jackson Environment and Planning</u> 	<p>+ Site inspection on 21/03/18 found that the site has been constructed and operated consistent with SSD5300 and SSD5300 Mod 1</p> <p>+ Facility has received final Occupation Certificate on 23/01/18 (Cert. No. 2306)</p> <p>+ Minor non-compliances were found on-site. a) No rainwater tank connected to weighbridge office.</p>	<p>+ Site inspection on 21/03/18</p> <p>+ All consent documentation</p>	<p>No – contractor to complete work by 06/04/18</p>

A1.3: Department of Primary Industries Controlled Activity Approval

Department of Primary Industries Controlled Activity Approval Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor – Jackson Environment and Planning Pty Ltd	Compliant? (Y/N)
2	The approval holder must not transfer this Controlled Activity Approval 10 ERM2009/1008 without the written approval of DPI Water.	+ Noted	+ N/a	Yes
3	The approval holder must keep a copy of the current Controlled Activity Approval 10 ERM2009/1008 on site at all times and make this approval available to officers from DPI Water on request.	+ Controlled Activity Approval kept on file at the site	+ Site inspection and view of record 21/03/18.	Yes

Department of Primary Industries Controlled Activity Approval Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor – Jackson Environment and Planning Pty Ltd	Compliant? (Y/N)
5	The approval holder must notify DPI Water in writing within 14 calendar days of any change (i) site management; (ii) land ownership; (iii) land occupation.	+ Wollongong Recycling (NSW) Pty Ltd wrote to DPI 29/03/18 providing this advice. Not done within 14 days, but advice now provided.	+ Letter issued by Bingo Industries 29 March 2018	Yes
6	The approval holder must comply with the requirements of each of the plans approved by DPI Water and stamped on 24/05/2016 as follows: i. Construction Civil Plans, Ref. KF110816, Sheets C300-C320, prepared by KFW, dated April 2016 ii. Landscape Management Plans, Ref. 1442, Sheets LC01-02, prepared by Ochre Landscape Architects, dated 22/04/2016 iii. Vegetation Management Plan (Version 7), prepared by Southern Habitat, dated October 2015	+ Facility has received final Occupation Certificate on 23/01/18 (Cert. No. 2306) + Site inspection on 21/03/18.	+ Occupation certificate + Site inspection 21/03/18	Yes
7	The approval holder must submit for approval, by DPI Water, any amendments to a plan listed in Condition 6 (six) prior to carrying out any works in relation to the approved controlled activity.	+ Noted	+ N/a	Yes
8	The approval holder must clearly mark on the ground, the boundaries of the areas where the controlled activity is to be carried out before the commencement of the controlled activity, and maintain the markings until the works are complete	+ Noted	+ N/a	Yes
11	The approval holder must provide a report on the implementation of the vegetation management plan (VMP) to DPI Water at the completion of the vegetation works at every six (6) months up to the end of the maintenance period that must include: (i) A schedule and map showing vegetation species, number and location of initial and any replacement planting and propagation materials, and	+ Noted. First report is due on 23/07/18 (6 months after completion of Stage 1 works)	+ N/a	Yes



Department of Primary Industries Controlled Activity Approval Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor – Jackson Environment and Planning Pty Ltd	Compliant? (Y/N)
	(ii) The date of planting of vegetation, and (iii) The percentage of groundcover, shrubs, trees and weeds, and (iv) Any problems that impacted the survival rates of plants including climatic, fire, flooding, and vandalism, and (v) A map of the location of any stages activities (vi) Photographs showing the revegetation works during the reporting period.			
14	The approval holder must relocate any unused or excess materials outside the designated riparian corridor	+ Site inspection 21/03/18	+ Site inspection 21/03/18	Yes
15	The approval holder must not leave any material which could obstruct the flow of water or damage river banks on waterfront land at anytime	+ Noted – riparian area in good condition at time of inspection. Some weed removal required during next scheduled maintenance	+ Site inspection 21/03/18	Yes
16	The approval holder must remove surplus material when operations cease and the controlled activity is completed	+ Noted	+ N/a	Yes
17	The approval holder must establish all drainage control works in accordance with Construction Civil Plans, Ref. KF110816, Sheets C300-C320 prepared by KFW dated April 2016, approved by DPI Water and stamped 24/05/2016	+ Works conducted as per approved plans + Facility has received final Occupation Certificate on 23/01/18 (Cert. No. 2306) as evidence of completion of works as per approved plans	+ Occupation Certificate	Yes
18	The approval holder must direct runoff from the site or from other river or drains of the base of the bank of the river or low flow water level by either a pipe or lined channel in accordance with Construction Civil Plans, Ref. KF110816, Sheets C300-C320 prepared by KFW dated April 2016, approved by DPI Water and stamped 24/05/2016	+ Works conducted as per approved plans + Facility has received final Occupation Certificate on 23/01/18 (Cert. No. 2306) as	+ Occupation Certificate	Yes



Department of Primary Industries Controlled Activity Approval Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor – Jackson Environment and Planning Pty Ltd	Compliant? (Y/N)
		evidence of completion of works as per approved plans		
19	The approval holder must construct stormwater outlets so that they point downstream	+ Works conducted as per approved plans + Facility has received final Occupation Certificate on 23/01/18 (Cert. No. 2306) as evidence of completion of works as per approved plans	+ Occupation Certificate	Yes
20	The approval holder must use only biodegradable materials for any erosion control matting in the riparian corridor	+ Works conducted as per approved plans + Facility has received final Occupation Certificate on 23/01/18 (Cert. No. 2306) as evidence of completion of works as per approved plans	+ Occupation Certificate	Yes
22	The approval holder must (i) implement erosion and sediment control measures in accordance with the requires of the Managing Urban Stormwater Manual, Volume 1, Soils and Construction (Landcom, 4th Edition, March 2004) prior to any works commencing at the site, and (ii) maintain the control measures for the duration of the approval to prevent sediment and dirty water entering the waterway	+ Works conducted as per approved plans + Facility has received final Occupation Certificate on 23/01/18 (Cert. No. 2306) as evidence of completion of works as per approved plans	+ Occupation Certificate	Yes
23	The approval holder must only conduct works in the river during periods of low flow	+ Noted as per approved Construction Environment Management Plan	+ Construction Environment Management Plan	Yes
24	The approval holder must revegetate all areas identified in the approved Vegetation Management Plan (Version 7), prepared by Southern Habitat, dated	+ Works conducted as per approved plans	+ Occupation Certificate	Yes



Department of Primary Industries Controlled Activity Approval Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor – Jackson Environment and Planning Pty Ltd	Compliant? (Y/N)
	October 2015, in accordance with Landscape Management Plans, Ref. 1442, Sheets LC01-02, prepared by Ochre Landscape Architects, dated 22/04/2016, stamped by DPI Water on 24/05/2016. The approval holder must monitor and maintain revegetation works for a period of 2 years in accordance with the approved vegetation management plan.	+ Facility has received final Occupation Certificate on 23/01/18 (Cert. No. 2306) as evidence of completion of works as per approved plans		

A1.4: Pollution Incident Response Management Plan

Pollution Incident Response Management Plan Chapter	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor – Jackson Environment and Planning Pty Ltd	Compliant? (Y/N)
3.1.1	<p>Leachate Collection System all leachate generated from the indoor composting activities is collected and stored in leachate tanks, which will be pumped out and disposed of to sewer as required or reused as a moisture source for the composting operations.</p>	+ Composting not currently done on site	+ Site inspection 21/03/18	Yes
3.2	<p>Management of material to site Pre-emptive measures that are in place to prevent a pollution incident as a result of unscheduled or non-permissible material being deposited on site are:</p> <ul style="list-style-type: none"> • signage to indicate the types of waste allowed and those prohibited; • entry via the weighbridge; • customer declaration of waste; • incoming waste is screened and classified at the weighbridge and CCTV is available to visually inspect loads within trucks; • screening and checking waste at tipping and processing areas; • recording of all information and archived for at least four years; • special waste to be immediately notified to the plant operator; and • regular training of staff supervising tipping and screening of waste in waste classification procedures. <p>If a material is to be delivered under a resource recovery exemption, the material is required to comply with the conditions of a current general exemption or a specific exemption designated for this material. All resource recovery exemptions are made under clauses 51 and 51A of the Protection of the Environment Operations (Waste) Regulation 2005.</p>	+ Site inspection on 21/03/18 and checking of induction procedures confirmed compliance with these requirements. + CCTV camera offline during inspection and needs to be reconnected – this has been scheduled for 5 April 2018	+ Site inspection 21/03/18	No – reconnection of CCTV camera scheduled for 05/04/18

Pollution Incident Response Management Plan Chapter	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor – Jackson Environment and Planning Pty Ltd	Compliant? (Y/N)
10.2	<p>A review of ongoing training requirements should be conducted on an annual basis and established based on but not limited to:</p> <ul style="list-style-type: none"> changes in procedures; changes in regulations; changes in equipment; errors or deficiencies in job performance; and errors in data reporting. 	<ul style="list-style-type: none"> + Bingo Training Needs Register sighted + Daily and weekly toolbox talks occur and these items are addressed 	<ul style="list-style-type: none"> + Bingo Training Needs Register + Interview with Site Supervisor 	Yes
10.3.2	<p>A simulated test of the PIRMP is to be undertaken annually.</p> <p>The planning of this exercise is to be undertaken by the Operations Manager.</p> <p>The goal of this exercise is to provide a situation that is reflective of an incident that may be encountered on site. Safety is paramount for this exercise and no actual hazard should be conducted (such as the lighting of a fire) these will include:</p> <ul style="list-style-type: none"> • Spill; or • Fire. 	<ul style="list-style-type: none"> + Interview with Site Supervisor advised this occurs at least once yearly + Date of late test was ?? 	<ul style="list-style-type: none"> + Interview with Site Supervisor 	Yes
11.1	<p>Manner in which the plan is to be tested and maintained</p> <p>The testing of the plan is going to be based on an annual review of the plan in relation to the simulated testing, incident reporting for the past year and any changes in procedures and processes that occurs on site.</p> <p>The simulation and evacuation drill used to test the practical effectiveness of the plan and define areas of improvement. Reporting of incidents will be used to highlight areas of improvement in the plan. Annual reviews will be used to implement any changes that have occurred in the process of running the site or regulations of operating under this licence</p>	<ul style="list-style-type: none"> + Interview with Site Supervisor advised this occurs at least once yearly + Date of late test was ?? 	<ul style="list-style-type: none"> + Interview with Site Supervisor 	Yes



Pollution Incident Response Management Plan Chapter	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor – Jackson Environment and Planning Pty Ltd	Compliant? (Y/N)
11.2	<p>Review of the Plan</p> <p>The review is to be conducted annually from the date of the first version of the document:</p> <ul style="list-style-type: none">• the document is to be reviewed if there is any significant change in process or operation on the site;• the document is to be reviewed where there is a change in the legislation or the requirements of the Environmental Protection Licence;• the document is to be reviewed where the testing of the plan identifies a failure or inefficiency; and• a review is required to be completed within 30 days of a pollution incident.	+ PIRMP last updated with the Operational Environmental Management Plan approval from DPE on 26/02/18.	+ Operational Environmental Management Plan	Yes

A1.5: Soil and Water Management Plan

Soil and Water Management Plan	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor – Jackson Environment and Planning Pty Ltd	Compliant? (Y/N)
4.4	<p>Site quarterly groundwater monitoring Groundwater wells to be sampled once every three months upstream and downstream of the development. Quarterly reports to be provided to the Office of Water.</p>	<p>+ Groundwater testing undertaken quarterly consistent with Appendix C - Soil and Water Management Plan as per Operational Environmental Management Plan approved by the Secretary 26/02/18.</p>	<p>+ Operational Environmental Management Plan</p>	Yes
6.1	<p>Inspections and Monitoring Surface water monitoring will be undertaken within the OSD immediately prior to the overflow point and every six months, in accordance with M2 of EPL 20601. Grab samples will be collected from the OSD and samples analysed for pH and total suspended sediment concentrations. Concentrations will be compared to the concentration limits specified for that pollutant under EPL 20601.</p> <p>Groundwater wells upstream and downstream of the development will be sampled and tested on a quarterly basis, with results provided to the Office of Water as required.</p>	<p>+ Soil and Water Management Plan as per the approved Operational Environmental Management Plan (Appendix C). + First set of groundwater samples taken from 6 wells (installed in Feb 2018) and currently being analysed.</p>	<p>+ Operational Environmental Management Plan + Interview with Environmental Manager</p>	Yes
6.2	<p>Reporting A quarterly report will be produced by the Environment and Quality Manager to summarise all monitoring results.</p>	<p>+ Consultant appointed to conduct monitoring in accordance with Operational Environmental Management Plan</p>	<p>+ Advice from Environmental Manager</p>	Yes

A1.6: Air Quality Management Plan

Air Quality Management Plan	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor – Jackson Environment and Planning Pty Ltd	Compliant? (Y/N)
6.2	Meteorological Monitoring Daily conditions will be recorded in the site diary and will be used to determine if/when unfavourable weather conditions might impact operational activities.	+ Records made by Site Supervisor in the Daily Site Supervisor Checklist	+ Daily Site Supervisor Checklist	Yes
6.3	Reporting A quarterly report will be produced by the Environment and Quality Manager to summarise all monitoring results.	+ To be confirmed	+ To be confirmed	Yes

A1.7: Operational Environmental Management Plan

Operational Environmental Management Plan Chapter	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor – Jackson Environment and Planning Pty Ltd	Compliant? (Y/N)
8.2	<p>Review and Corrective Action</p> <p>The requirements for the document review are:</p> <ul style="list-style-type: none"> • The review is to be conducted annually from the date of the first version of the document; • The document is to be reviewed if there is any significant change in process or operation on the site; • The document is to be reviewed where there is a change in the legislation or the requirements of the Environmental Protection Licence; • The document is to be reviewed where the testing of the plan identifies a failure or inefficiency; and • A review is required to be completed within 30 days of a pollution incident (as per the Pollution Incident Response Management Plan). 	<p>+ Operational Environmental Management Plan finalized and approved by the Secretary on 26/02/18</p> <p>+ Annual review to be performed on as required following any incident</p>	<p>+ Operational Environmental Management Plan</p>	Yes
10	<p>Complaints and Dispute Resolution</p> <p>All complaints are to be lodged into the Complaints Register. Once a complaint is lodged in the Complaints Register, the relevant personnel (as delegated by the Environment Manager) will provide an initial verbal response to the complainant (immediately if the matter is urgent or otherwise within 24 hour of the complaint) and will investigate or action the complaint if necessary.</p>	<p>+ Complaints register maintained as part of the company's intranet and published online</p> <p>+ System is in place for review and response to all complaints</p>	<p>+ Complaints register</p> <p>+ Interview with Environmental Manager</p>	Yes
15	<p>Training</p> <p>All employees, contractors and utility staff working on site will undergo site induction training (which includes environmental due diligence training) and environmental training in relation</p>	<p>+ Sighted procedure SOPCOM005 Induction, Competence, Training and Awareness</p>	<p>+ SOPCOM005 Induction, Competence, Training and Awareness</p>	Yes



Operational Environmental Management Plan Chapter	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor – Jackson Environment and Planning Pty Ltd	Compliant? (Y/N)
	to environmental management. Records will be kept of all personnel undertaking the site induction and training, including the contents of the training, date and name of trainer/s.	+ All records of training entered into the Bingo Training Needs Register	+ Bingo Training Needs Register	