



2020 Annual Review Report for DPIE Condition C11 of SSD5300 Kembla Grange Recycling 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
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Executive Summary

This Annual Review report has been prepared for Kembla Grange Recycling Pty Ltd (KGRPL), 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, Industry and Environment on the environmental performance of the development. An Annual Review is required by the end of March each year. This Annual Review covers the environmental performance of the development from January 2020 to March 2021 (the Reporting Period). The period covered by the 2020 Annual Review period was extended to align with the Environment Protection Licence reporting year which is now 15th March to 14th March which was amended in Modification 2.

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 in addition to the first three (3) months in 2021 to bring the Annual Review period in line with the Environment Protection Licence reporting period.

The report includes 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 reporting period, and describes 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 reporting period 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;
- State Significant Development (5300) Mod 2 Conditions of Consent;
- Environment Protection Licence 20601;
- Department of Primary Industries Controlled Activity Approval;
- Pollution Incident Response Management Plan;
- Operational Environmental Management Strategy as approved by Department of Planning and Environment on 26/02/18 (including sub-environmental strategies);
- Corrective actions from the 2018 Annual Environmental Review; and
- Corrective actions from the first Independent Environmental Audit, completed in November 2019.

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

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Annual Review Report 2020 – Kembla Grange Recycling Pty Ltd | 4 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.

Please note that we have included observations from the site inspection done on 13th February 2020 for the 2019 Annual Review as these observations were made during the 2020 Annual Review period. We also note that a compliance audit was conducted on 2nd March 2021. This involved a detailed desktop assessment of all management documentation, and a site inspection across the entire facility.

Across the entire Annual Review period, we found eight non-compliances. Two of which were resolved prior to the inspection on 2nd March 2021. These include:

- Condition B7 (Water Management System). Diversion of surface runoff around the NE corner of the site, with rock armouring and revegetation of the area observed. Improved cleaning of pad and stormwater pits was observed, with more frequent changing of geotextile covers on pits;
- Condition B8 (Erosion and Sediment Control). See observation as per Condition B7 above.

Two non-compliances were resolved following the site inspection:

- Condition B7 (Water Management System). A small oil spill was found on the southern side of the main shed. This oil spill has been cleaned up and has been resolved;
- Condition B25 (Traffic and Access): The ring road around the site was partially blocked and must be
 maintained in accordance with Drawing No. C10 as approved under SSD5300 and subsequent
 development modifications. The ring road has been reinstated and the matter has been resolved.

The four non-compliances that still need to be resolved:

- A building information certificate is required for the rainwater and firewater storage tanks, pump room and fixed picking station which have already been installed. It is noted that this certificate was sought from Wollongong City Council, though it is yet to be issued. It is noted that the building information certificate must be provided to the Planning Secretary with copies of all within 60 days from date of approval of MOD 2. Once the building information certificates have been obtained, this issue will be resolved.
- 2. The use of the shed building approved for the crushing and grinding plant under Mod 2 is being used as a temporary workshop;
- 3. An asphalt processing plant and asphalt storage is currently located on the approved green waste storage area;
- 4. Empty skip bins are being stored adjacent to the water quality ponds.

Environmental monitoring data reviewed as part of the Annual Review found that the facility is being managed within the predictions in the Environmental Impact Statement. It is noted that no complaints were received in the past 12 months in relation to the operations at the site.



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1. Introduction

1.1. Background

This Annual Review report has been prepared for Kembla Grange Recycling 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. Kembla Grange Recycling Pty Ltd took over operation of the Facility on 21 May 2018. The facility was originally approved under Development Consent DA2009/1153 by Wollongong City Council, which was subsequently surrendered as a requirement of SSD5300.

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.

Modification 2 was approved on 15 May 2020, which regularised rainwater and firewater storage tanks, a pump room and a fixed picking station as well as the installation of new indoor processing plant and fire safety measures.

The facility receives building and demolition and other wastes for recycling. 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. Approval of the amended management plans was provided in February 2018. A varied EPA licence for the completion of the development (Stage 1) and scale up in waste tonnages up to 230,000 tonnes per annum was approved on 6 April 2018.

Under Condition C11 of development consent SSD5300, by the end of March each year, Kembla Grange Recycling Pty Ltd is required to report to the Secretary of the Department of Planning, Industry 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 meets 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 is complete. Separate approvals under Condition A10 of development consent SSD5300 is required from the Department of Planning, Industry and Environment prior to commencement of construction of stage 2 of the development.

Stage 2 of the approved development involves developing the eastern part of the facility including the following. This stage is yet to commence:

- 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.

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



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 2020 to March 2021.

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
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, Industry and Environment
Construction Certificate (Stage 1)	Construction Certificate Cert. No. 2306	8 September 2016	Illawarra Building Certifiers Pty Ltd
Environment Protection Licence	EPL20601 varied for the completion of the Stage 1 development and scale up in waste tonnages up to 230,000 tonnes per annum	20 September 2016 (varied 6 April 2018)	NSW Environment Protection 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, Industry and Environment
Planning consent	SSD5300 Mod 2 development approval for regularising previously constructed elements including rainwater and firewater storage tanks, a pump room and a fixed picking station as well as the installation of new indoor processing plant and fire safety measures.	15 May 2020	Minister for Planning



1.5. Scope of the review

The Annual Review has considered the overall performance of the development for the period of January 2020 to March 2021 (inclusive). The period covered by the 2020 Annual Review period was extended to align with the Environment Protection Licence reporting year which is now 15 March to 14 March (amended in Modification 2). The Annual Review 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 15 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 2nd March 2021 by Dr Mark Jackson, Director, Jackson Environment and Planning Pty Ltd and Mr Rylan Loemker, Senior Consultant, 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;
- State Significant Development (5300) Mod 2 Conditions of Consent;
- Environment Protection Licence 20601;
- Department of Primary Industries Controlled Activity Approval;
- Pollution Incident Response Management Plan;
- Operational Environmental Management Strategy as approved by the Department of Planning and Environment on 26 February 2018 (including sub-environmental strategies);
- Corrective actions from the 2018 Annual Environmental Review; and
- Corrective actions from the first Independent Environmental Audit, completed in November 2019.

Please note that we have included observations from the site inspection done on 13th February 2020 for the 2019 Annual Review as these observations were made during the 2020 Annual Review period.



2. Annual Review findings

This section provides an overview of the main findings of the Annual review of Kembla Grange Recycling's 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 (Condition C11(a))

For the 2020 calendar year, the focus of the development has been to carry on waste receival, sorting and recycling operations in accordance with SSD5300 and SSD5300 Mod 1 consents.

A development modification (Mod 2) was approved by the Department of Planning, Industry and Environment under Section 4.55(1a) of the *Environmental Planning and Assessment Act* 1979 in May 2020. The development modification was a retrospective approval of the following constructed elements:

- Installation of rainwater storage tanks on the premises in a location which differs from the approved plans under SSD 5300 Mod 1;
- Installation of firewater storage tanks and a pump room on the premises; and
- An outdoor picking station and associated processing equipment (including de-stoning screen and generator) in the central processing area of the site, installed above a push wall structure built on the premises.

Fire safety measures described in the *Kembla Grange Fire System Upgrade Review* dated 22 March 2020 prepared by EWFW Consulting also noted the following measures which are required to be installed:

- Additional 150kL fire tank to upgrade the site from warehouse only protection to yard hydrant protection;
- Replacement of the fire pumps to provide 30L/s @ 900kPa to the system;
- Provision of 4 new external fire hydrants;
- Provision of one new booster facility and block plan;
- Provision of a flame detection system in the warehouse to assist in early detection or when the space is unoccupied;
- Provision on an occupant warning system coupled with the flame detection system. Manual call points will be provided adjacent exit doors to notify other occupants; and
- A flame detector be provided to address the plastics storage bay under the Outdoor Picking Station sorting area with associated alarms.

However, the Development Control Order issued to Bingo on the 20th of December 2018, in accordance with Item 14 Part 1 of Schedule 5 of the EP&A Act remains in place. The Development Control Order was issued to remedy a breach of a consent for State significant development. The terms of the Development Control Order are that Bingo must cease use of the sorting/picking station, identified in the aerial images in Attachment 1 of the Order, including infrastructure attached to the building.

The picking station has not been used since the Order was issued. It is understood this matter will be resolved following Bingo obtaining building information certificates for the structures. According to Condition A9A of SSD5300, building information certificates must be provided to the Planning Secretary with copies of all within



60 days from date of approval of MOD 2. This has been applied for though it has yet to be issued by Wollongong City Council.

2.2. Development proposed for next calendar year (Condition C11(a))

Kembla Grange Recycling Pty Ltd is seeking a further development modification (Mod 3) to operate the facility 24 hours per day, 7 days per week, in order to harmonise operational hours across its network of resource recovery facilities. Bingo aims to employ a "clean floor" policy, which would ensure most waste material received into the facility during the day is sorted and transferred to their Eastern Creek Recycling Ecology Park in the evening or at night. As such, it would provide more space the following day for customer movements in the drop-off area, and for the preliminary sorting of waste to occur efficiently. To do this, development modification to existing planning consents will be required to change the existing approved operational hours.

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

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 receival (during 2020) under Condition A6 following scale up under Condition A7 of SSD5300	Limit of 230,000 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 45,000 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	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 operation of the development	Operational Environmental Management Strategy; Complaints Register



Requirement or limit	Description	Monitoring performed
under consent		
	Table 3: Noise criteria (dB(A))	
	Location	Noise criteria (dB(A)) Day Morning Shoulder
	The dwelling on Lot 11 DP 878167 Any dwelling in Farmborough Heights Any dwelling in the vicinity of Kingston Town Drive	L _{Aeq (15 minute)} L _{Aeq (16 minute)} L _{Aeq (16 minute)} L _{Aeq (16 minute)} 35 45 37 37 47 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; 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	Daily Site Supervisor checks; 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 2020 calendar year (with additional months from January 2021 to March 2021 included) including monitoring results during 2020 is given in the following sections. A comparison of these results has been made to the relevant predictions in the EIS.

2.3.1. 2020 waste receival

During 2020, waste receival and recycling operations were carried out in accordance with Condition A6 and A8 of SSD5300 and authorised amount under NSW EPA Licence 20601 which includes the following limits:

- 230,000 tonnes per year of waste received at the site;
- 45,000 tonnes of waste stored on site at any one point in time, including:
 - o No more than 2,500 m³ of organic waste on the site at any one point in time;
 - o No more than 500 m³ of the above limit on organic waste is to comprise compost product.



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An analysis of waste received at the site for recycling by month in 2020/2021 is given in Table 2.2, including data on the total amount of waste processed and sent off-site for recycling. Data is provided on the total amount of waste (stock) held at site at the end of the month.

The analysis suggests that the site received a total of 95,958.71 tonnes of waste in 2020 and 19,755.99 tonnes for the first three (3) months of 2021, which was well below the maximum of 230,000 tonnes per annum. At all times, the total amount of stock held on site was less than the consent limit of 45,000 tonnes, and daily checks are performed to ensure that less than 2,500m³ of organic waste is held on site at any one point in time. It is noted that no composting was performed on site, and no compost was therefore held as stock on the site.

Table 2.2. Total quantity of waste received by the site in tonnes during the 2020/2021 audit period and closing stock at the end of the month. Data from monthly WARRP reports submitted by the site to the NSW EPA.

Month	Opening Stock	Total waste received (tonnes)	Total amount sent off-site for recycling (tonnes)	Total waste held on site at end of month (tonnes)
January 2020	18,020.57	5,614.00	5,935.36	17,699.21
February 2020	17,699.21	6,514.55	18,283.70	5,930.06
March 2020	5,930.06	7,732.93	28,312.62	-14,649.63
April 2020	-	10,688.47	5,011.50	5,676.97
May 2020	5,676.97	10,344.34	7,500.98	8,520.33
June 2020	8,520.33	8,618.23	6,515.60	10,622.96
July 2020	10,622.96	7,223.44	15,096.60	2,749.80
August 2020	2,749.80	8,689.44	14,261.12	-2,821.88
September 2020	-	7,386.25	10,491.40	-3,105.15
October 2020	-	6,684.21	7,167.64	-483.43
November 2020	-	7,887.95	7,721.06	166.89
December 2020	166.89	8,574.90	10,636.61	-1,894.82
January 2021	-	5306.88	4,168.50	1,138.38
February 2021	1,138.38	6,914.03	5,073.52	2,978.89
March 2021	2,978.89	7,535.08	5,649.72	4,864.25
TOTAL (01/2020 to 12/2020)	-	95,958.71	136,934.19	-
TOTAL (01/2021 to 03/2021)	-	19,755.99	14,891.74	-

¹ Note that the amount of organic waste received on site is limited to garden waste and wood waste. The amount of organic waste held on site is included in the 'Total waste held on site at end of month' column.



2.3.2. Authorised amount under NSW EPA Licence 20601

During 2020, the site was operated to ensure that the amount of waste stored on site did not exceed the authorised amount of 45,000 tonnes (at any one point in time) as per Condition A8 of SSD5300 and Condition L3.2 of EPA Licence 20601 (refer to the final column of Table 2.2).

During the 2020 calendar year, the site complied with this requirement, with evidence provided to the EPA as part of the site's monthly waste reporting. This was cited as part of the audit. Daily checks are also performed by the Site Supervisor as part of the Daily Site Supervisor Checklist.

In the period between January 2021 and March 2021 the site complied with this requirement, with evidence provided to the EPA as part of the site's monthly waste reporting. This was cited as part of the audit. Daily checks are also performed by the Site Supervisor as part of the Daily Site Supervisor Checklist.

2.3.3. 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 reporting period.

2.3.4. Noise

Approved noise mitigation measures for the site are documented in the Operational Environmental Management Plan as approved by the Secretary of the Department of Planning, Industry and Environment. A series of noise minimisation and mitigation measures are used to ensure that noise does not impact on nearby sensitive receptors.

During this time, no complaints were received, given the site fully implemented all noise mitigation measures.

2.3.5. Surface water quality (discharged)

During the reporting period, the site discharged water five (5) times into the unnamed creek on the south side of the development. In addition, 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 analysis 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. Analysis suggests the site complied with EPA licence requirements with the exception of total suspended solids sampled in February 2020 which exceeded the NSW EPA Licence limit.



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 during overflow events that occurred during the reporting period.

Pollutant	Grab sample from stormwater detention pond (date)	Result	NSW EPA Licence limit	Compliant? (Y/N)
рН	10/02/2020	8.3	6.5-8.5	Υ
Total suspended solids (mg/L)	10/02/2020	95	30	N
рН	20/02/2020	7.5	6.5-8.5	Υ
Total suspended solids (mg/L)	20/02/2020	< 5	30	Υ
рН	27/07/2020	7.5	6.5-8.5	Υ
Total suspended solids (mg/L)	27/07/2020	12	30	Υ
рН	40/00/2020	7.5	6.5-8.5	Υ
Total suspended solids (mg/L)	10/08/2020	12	30	Υ
рН	02/02/2024	7.5	6.5-8.5	Υ
Total suspended solids (mg/L)	02/02/2021	7	30	Υ

Soil and erosion control measures during the compliance audit on 2nd March 2021 generally showed that measures were effective in minimising erosion and transfer of sediment into the OSD ponds.

No evidence of mud or sediment tracking onto the public road was evident. Street sweepers were observed in operation, which regularly sweep the hardstand areas to keep them free of soil and sediment.

In the 2019 Annual Review, it was recommended to update to the Soil and Water Management Plan to set out additional soil and erosion control measures that need to be considered during wet weather, to avoid excessive sediment load, in accordance with Landcom (2004) *Managing Urban Stormwater – Soils and Construction Vol.* 1.

Additional measures included:

- Using temporary geotextile filter fences, socks or sausages around stormwater pits to trap any transported sediment off the crushed concrete pavement;
- More frequent inspection and maintenance of erosion and sediment control measures during and after periods of wet weather. This includes checking and changing of geotextile covers over stormwater pits in wet weather; and
- Putting in a more rigorous pad monitoring and maintenance program to ensure surface ponding of water does not occur, to ensure the operational pad freely drains in wet weather.

During the site inspection on 2nd March 2021, a number of improvements were identified, as shown in Figures 2.1 to 2.3 below.

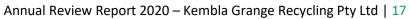




Figure 2.1. Improved rock checking along perimeter drainage line to minimise erosion and divert stormwater runoff around the northern side of the facility.

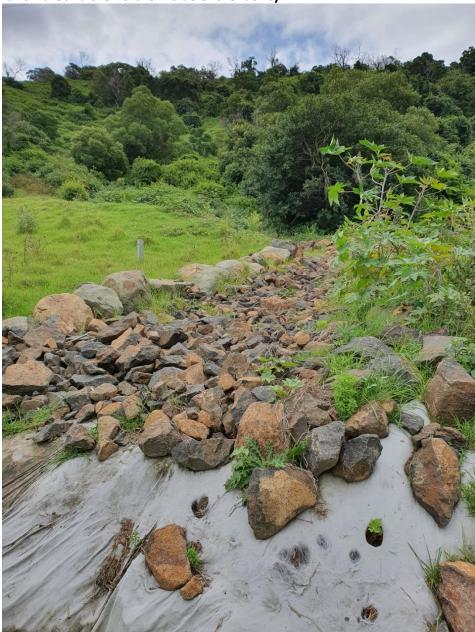




Figure 2.2. Use of geotextile filter sausages along stormwater drainage lines to trap sediment off loose surfaces.





Figure 2.3. Use of geotextile filter sausages and filter around stormwater pits to trap any transported sediment off loose surfaces.





2.3.6. Groundwater quality

Six (6) groundwater 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. Consulting Earth Scientists Pty Ltd conducted quarterly groundwater monitoring in February, May, August and November 2020.

Baseline groundwater quality data prior to the approval of SSD5300 is shown in Figure 2.4, together with the results from the 2018, 2019 and 2020 monitoring program. Results from a groundwater well upstream of the development was chosen to best represent pre-development groundwater conditions. This sample was taken on 9th July 2013 by Benviron Group. Baseline data is compared to groundwater data sampled post-development in 2019.

For this analysis, groundwater data reported for Groundwater well 5 is shown, as this well is upstream of the development. Groundwater data for well 2 is also shown, representing groundwater downstream of the development.

Our analysis of groundwater characteristics upstream of the development (Groundwater well 5) and downstream of the development (Groundwater well 2) in Figure 2.4 similarly showed that water quality varied with season for all groundwater quality parameters including pH, nitrate, metals (arsenic, chromium, copper, zinc, lead and nickel), soluble salts (sodium and calcium) and hydrocarbons with little differences between upstream and downstream sampling points.

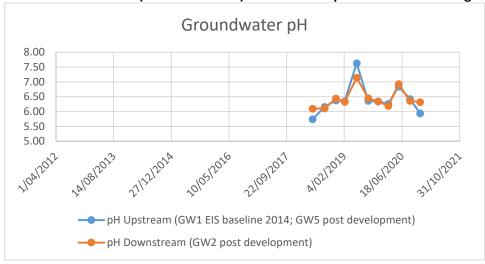
However, we note that, similar to 2019, ammonium concentrations and electrical conductivity levels were higher in downstream groundwater than upstream groundwater and may indicate that there is some interaction between surface water and groundwater on the lower part of the site. However, this finding is not supported by the trends in other data, particularly for soluble salts such as sodium and calcium. The concentrations of these soluble salts should be higher in groundwater with a high electrical conductivity; however, this is not the case based on test results presented in Figure 2.4. This was not detected in the report by Consulting Earth Sciences, and further assessment is required.

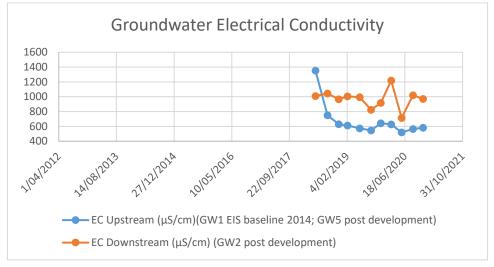
Continued groundwater monitoring in 2021 will help to validate the ongoing effectiveness of the pavement and water management systems on the site.

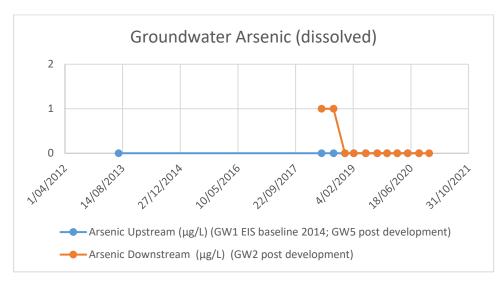


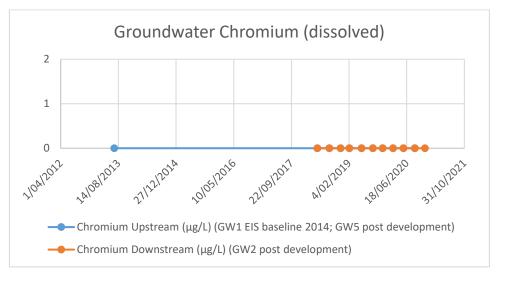


Figure 2.4. Groundwater quality testing results upstream and downstream of the development. Results have been compared to baseline groundwater monitoring undertaken in the EIS (where available) for the development and monitoring data obtained in 2018 and 2019.







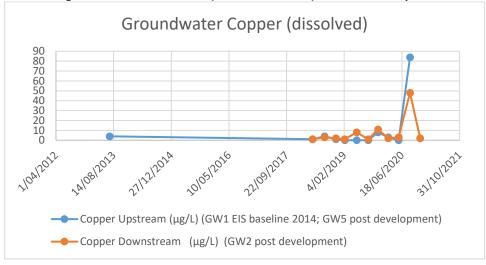


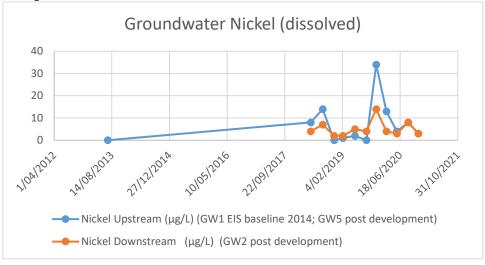
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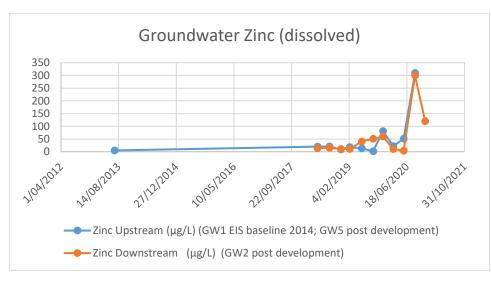


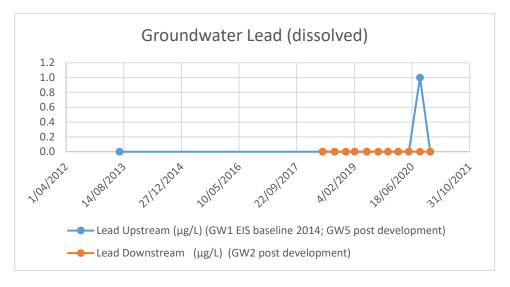


Figure 2.4 (continued). Groundwater quality testing results upstream and downstream of the development. Results have been compared to baseline groundwater monitoring undertaken in the EIS (where available) for the development and monitoring data obtained in 2018 and 2019.







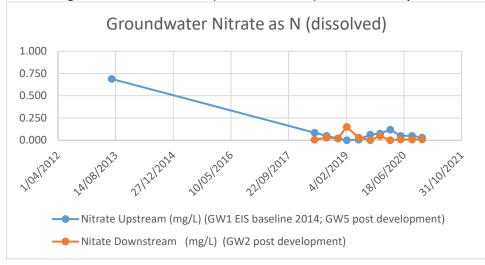


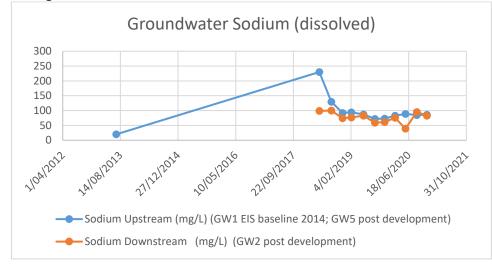
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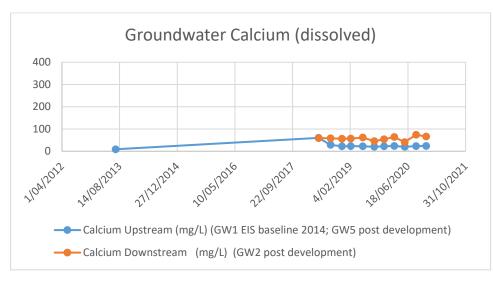


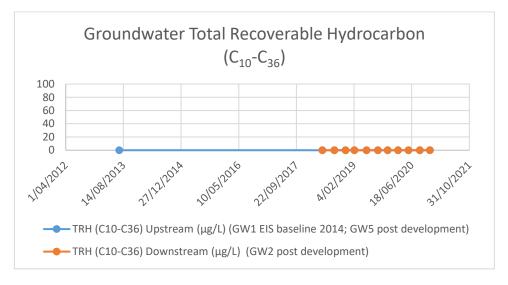


Figure 2.4 (continued). Groundwater quality testing results upstream and downstream of the development. Results have been compared to baseline groundwater monitoring undertaken in the EIS (where available) for the development and monitoring data obtained in 2018 and 2019.







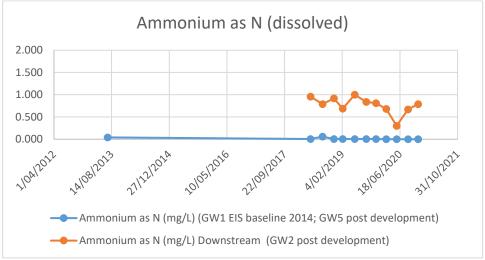


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Figure 2.4 (continued). Groundwater quality testing results upstream and downstream of the development. Results have been compared to baseline groundwater monitoring undertaken in the EIS (where available) for the development and monitoring data obtained in 2018 and 2019.





2.3.7. Odour

During the reporting, no odour complaints were made in relation to the development.

2.3.8. 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.

During the site inspection on 2 March 2021, it was observed that dust suppression sprinklers had been installed over concrete storage bays for incoming waste materials received. Advice from the operations manager suggested these sprinklers are operated manually and have helped in dust suppression during hot and dry weather.

Kembla Grange Recycling Pty Ltd recently purchased a new water truck which is used for effective dust suppression of the internal road network (see Figure 2.5 below).

Figure 2.5. New water truck used for dust suppression.



2.3.9. Incidents

During the reporting period, no incidents occurred in relation to the development.



2.3.10. Complaints

During the reporting period, no complaints were received in relation to the development. All complaints that are received are logged, published online² and are investigated.

2.4. Previous regulatory non-compliances

Table 2.4 provides an overview of actions that have been taken to address the outstanding regulatory non-compliances identified in the 2019 Annual Review and whether the non-compliance have been resolved.

² Bingo Industries Complaint Register for Kembla Grange is published at: https://www.bingoindustries.com.au/getattachment/recycling-centres/recycling-centres-sydney-and-surrounds/KEMBLA-GRANGE/COMPLAINTS-REGISTER-EPL20601-31-01-2020.pdf?lang=en-AU



Table 2.4. Summary of non-compliances identified in the 2019 Annual Review and actions taken to ensure compliance.

Date of Notice	Regulatory Authority	Type of notice	Summary	Action taken to ensure compliance	Has this non-compliance been resolved?
20 December 2018	NSW Department of Planning and Environment	Development Control Order	The Development Control Order is given to Bingo, in accordance with Item 14 Part 1 of Schedule 5 of the EP&A Act to remedy a breach of a consent for State significant development. The terms of the Development Control Order are that Bingo must cease use of the sorting/picking station, identified in the aerial images in Attachment 1 of the Order, including infrastructure attached to the building.	A development application has been prepared for the use of the picking station and this was submitted for assessment on 31 August 2018. This application was amended and re-submitted in response to submissions on 14th June 2019 and again on 21 February 2020.	No – This matter is not considered resolved. Development Modification 2 was approved on 15 May 2020. In accordance with SSD5300 Condition A9 and A9A, a building information certificate is required for the rainwater and firewater storage tanks, pump room and fixed picking station which have already been installed. The building information certificates must be provided to the Planning Secretary with copies of all within 60 days from date of approval of MOD 2. At the time of this audit, the building information certificates had not been obtained, though an application to Wollongong City Council had been made.



2.5. Non-compliances from prior Annual Reviews and Independent Annual Audits

Table 2.5 provides a summary of the outstanding non-compliances reported in the 2019 Annual Review and Independent Environmental Audits³ as provided to the Department of Planning, Industry and Environment. The table also summarises actions that were implemented to ensure the non-compliances were satisfactorily resolved.

Table 2.5. Non-compliances from the 2019 Annual Review and the 2019 Independent Environmental Audit, and actions taken to ensure compliance.

Non-compliance	Action taken to ensure compliance ⁴	Has this non-compliance been resolved?
2019 Annual Review		
Consent Condition C9. Independent Environmental Audit	Independent Environmental Audit completed by Seventh Sense Sustainability Consultants Pty Ltd on 27/11/19. The audit was commissioned more than one year after the OEMS was approved by DPE on 26/02/18. Delay in appointment of auditor was due to difficulty in appointing an auditor due to lack of qualified personnel in sector.	Yes – It is noted that the next audit is required in three years' from the last audit. It was recommended this process is commenced early to avoid the report being submitted late to the Department
2019 Independent Envi	ronmental Audit by Seventh Sense Sustainability Consulta	ints Pty Ltd
NOC 14 – Air quality monitoring / meteorological station B13 (SSD5300) requires implementation of the approved AQMP. s6.2 'Meteorological monitoring' AQMP requires operation of a meteorological station	The site has implemented the AQMP. The site effectively utilises the information available via Bureau of Meteorology website daily to proactively manage operational controls and can react when required to changing circumstances. Visual assessment of conditions is the most appropriate and effective means of implementing and activating controls for activities that pose a dust risk of which not all are related to weather conditions. The meteorological station on site has been operational and will be replaced as soon as possible to ensure that	Yes – the meteorological station was not operational during the reporting period however a new weather station was installed on 4 February 2021.
to collect and analyse real time data and determine adverse weather conditions.	KGRPL has access to monitoring data.	

³ It is noted that the first Independent Environmental Audit was completed 27/11/19.

⁴ Actions taken to address the non-compliance matters provided in Table 2.7 are taken from a letter by Kembla Grange Recycling Pty Ltd dated 29/11/19 to DPIE. This letter provides an overview of the applicant's response to the Independent Environmental Audit.



Non-compliance	Action taken to ensure compliance ⁴	Has this non-compliance been resolved?
NOC 20 - Fire protection	Vegetation around buildings 1 and 2 consists mostly of grass. KGRPL notes that the approved plans specify grass for this area which is maintained by a contractor.	Yes – fire safety measures described in the Kembla Grange Fire System Upgrade Review dated 22 March
B27 (a-c) and B28		2020 prepared by EWFW Consulting
(SSD5300) -'Bushfire	Future maintenance is subject to awarding of a new	will be implemented.
protection' requires	maintenance contract.	
existing buildings to		
be upgraded to be fire-	An assessment of building upgrade requirements will be	
proofed, and new	reviewed and any works required will be completed.	
buildings constructed		
to fire proofing		
standards; and		
building and		
landscaped areas close		
to riparian zone be		
managed to reduce		
risk of bushfires.		





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

The 2020 Annual Review provides a summary of non-compliances recorded during the reporting period in Table 2.6. This table provides an overview of action that have been taken to address the non-compliance, and whether the non-compliance has been resolved.

Other non-compliances observed during the audit of operations on 13th February 2020 (for the 2019 Annual Review though falling within the 2020 Annual Review period) and 2nd March 2021 are given in Table 2.6. Action taken to resolve these non-compliances are also given in the table.

The results suggest that actions taken have addressed most non-compliances during the year, and operations are being undertaken in accordance with the approved Operational Environmental Management Plans.

Table 2.6. 2020 Annual Review non-compliances and recommendations to ensure compliance.

Non-compliance Recommended actions / evidence required to ensure compliance

SSD5300 Condition A2

The Applicant shall carry out the Development in accordance with the:

- a FIS
- b. Response to Submissions;
- c. Site layout plans and drawings (Appendix A of SSD5300);
- Management and Mitigation
 Measure (Appendix B of SSD5300);
- e. The S96(1A) Modification
 Application to SSD5300
 prepared by Jackson
 Environment and Planning,
 dated 2017; and
- f. the modification application
 SSD 5300 MOD 2 and
 supporting documentation.

SSD5300 Condition A9 and A9A

A building information certificate is required for the rainwater and firewater storage tanks, pump room and fixed picking station which have already been installed.

The building information certificates must be provided to the Planning Secretary with copies of all within 60 days from date of approval of MOD 2.

The site inspection on 2/03/21 found that the site is not being operated

- consistent with consent documentation. Specifically, the following activities were being carried out on site:
 Use of the shed building approved for the crushing and grinding plant
 - Asphalt processing plant and asphalt storage on the approved greenwaste storage area;
 - Storage of skip bins adjacent to the water quality ponds.

under Mod 2 is being used as a temporary workshop;

Recommendation:

It is understood that the workshop activity in the shed building is limited to storage and repair of plant, and is a temporary activity. If this activity is ongoing, a development modification for the change in use is recommended.

It is noted that the asphalt plant, whilst it is located on the green waste storage area, it is unlikely to be resulting in any impacts. Green waste storage and processing is not currently occurring on site.

Storage of skip bins should occur in the approved area on the northwest corner of the site.

Development Modification 2 was approved on 15 May 2020 however building information certificates have not been obtained. An application has been made to Wollongong City Council, though it is yet to be issued.

Recommendation:

The application for the certificates should be finalised as soon as possible.

ENVIRONMENT AND PLANNING STRATEGY INFRASTRUCTURE COMPLIANCE PROCUREMENT	Annual Review Report 2020 – Kembla Grange Recycling Pty Ltd 33		
Non-compliance	Recommended actions / evidence required to ensure compliance		
A suitable meteorological station is required to be installed on the site and operated for the life of the	The meteorological station was decommissioned on 12/02/20 and was not operational throughout 2020. Recommendation: None - a new meteorological station was observed on 2/03/21.		
Development. SSD5300 Condition B7	During a site inspection for the 2019 Annual Review conducted on 13/02/		
The Applicant shall operate a Water Management System for the site.	it was observed that runoff from northern part of site was not fully diverted around the NE corner of the facility. Vegetation of former access road around NE corner of site is required, and vegetated earth mound as per SSD 5300 Mod 1 plans is required to divert runoff from northern hillslope around the site and into the unnamed creek.		
	Some surface ponding of water observed in operational areas, resulting mud to form due to vehicles operating within the area. Pad maintenance needed more regularly to avoid low spots forming to improve surface drainage and reduce sediment generation.		
	The inspection also showed evidence of silt build-up on the crushed concrete pavement from recent wet weather and transfer into stormwater pits. More frequent cleaning of pad needed to avoid sediment build up, including changing the geotextile filter covers on pits is needed.		
	During the site inspection on 02/03/21 for the 2020 Annual Review, all matters outlined above had been addressed. Improvements included rock armouring of the northern drainage channel, additional filter socks along drainage lines and geotextile fabric installed in pits.		
	During the site inspection on 2/03/21, evidence of an oil spill was identified at the southern end of the main shed. The oil spill has been caused by inappropriate storage of decommissioned plant. This small spill was cleaned up on 18 th March 2021.		
	Recommendation:		
	Oil spills should be identified and cleaned up immediately. The spill was cleaned up and evidence was provided on 18 th March 2021. Matter is now resolved.		
SSD5300 Consent Condition B8	During a site inspection for the 2019 Annual Review conducted on 13/02/20, it was observed that runoff from northern part of site was not fully diverted		
Erosion and Sediment Control.	around the NE corner of the facility. Vegetation of former access road around NE corner of site is required, and vegetated earth mound as per SSD 5300 Mod 1 plans is required to divert runoff from northern hillslope around the site and into the unnamed creek.		
	Some surface ponding of water observed in operational areas, resulting mud to form due to vehicles operating within the area. Pad maintenance needed more regularly to avoid low spots forming to improve surface drainage and reduce sediment generation.		

The inspection also showed evidence of silt build-up on the crushed concrete pavement from recent wet weather and transfer into stormwater pits. More



Non-compliance	Recommended actions / evidence required to ensure compliance	
	frequent cleaning of pad needed to avoid sediment build up, including changing the geotextile filter covers on pits is needed.	
	During the site inspection on 02/03/21 for the 2020 Annual Review, all matters outlined above had been addressed. Improvements included rock armouring of the northern drainage channel, additional filter socks along drainage lines and geotextile fabric installed in pits.	
	Recommendation:	
	None. Matter has been resolved.	
The Applicant shall ensure that turning areas are kept clear of any obstacles, including parked cars, at all times	The site inspection on 2/03/21 identified that there was inadequate clearance around the site for the ring road and is not in accordance with the site plans as approved under as approved under SSD5300 and subsequent development modification. Specifically, there was storage and processing of brick and concrete on part of the truck turning area on the northern perimeter of the site and the asphalt processing plant and asphalt storage on the approved green waste storage area.	
	Recommendation:	
	The ring road must be maintained in accordance with Drawing No. C10 as approved under SSD5300 and subsequent development modifications. The ring road was re-established on 18 th March 2021 and is now considered compliant.	



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

This report is the third Annual Review for the development following the increase of waste receival at the site as approved under Condition A6 of SSD5300.

2.6.1 Waste receival and authorised amounts

Trend data is available for the quantity of waste received on a monthly basis, as well as the quantity of waste held on site at the end of the month. Monitoring data is presented in Figure 2.6. Evidence suggests that waste receival at the site increased slightly, rising from a total of 70,775 tonnes in 2019 to 98,958 tonnes in 2020. At no time across the three-year period did the site exceed its authorised amount of 45,00 tonnes per annum (see orange line in Figure 2.6).

2021. 160,000 L44,061.44 tonnes in 140,000 2018 120,000 95,958.71 tonnes in 2020 Fonners per annum 100,000 70,775.25 tonnes in 80,000 2019 60,000 19,755.99 40,000 tonnes in 2021 20,000 Cumulative tonnages received (per annum basis) Total waste received (tonnes) Total waste held on site at end of month (tonnes)

Figure 2.6. Trends in the receival and storage of waste by Kembla Grange Recycling Pty Ltd between 2018 and 2021.

2.6.2 Noise

No noise complaints were received by the development in 2018 and 2019, and as a result, additional noise monitoring has not been required. Should any complaints be received, noise monitoring will be commissioned.

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2.6.3 Surface water quality (discharged)

Due to extended drought conditions, the availability of water within the on-site detention pond system at the site has been low or not available. As a result, little monitoring data is available on the quality of discharge water quality of the quality of pond currently stored in ponds.

With the wet weather in early February 2021, we expect that in the next annual review, substantially more data will be available on surface water quality that has been discharged from the site.

2.6.3 Surface water quality (reuse)

Consulting Earth Scientists (2020e) was commissioned to undertake a Tier 2 site specific human health risk assessment for the beneficial reuse of water from three dams at the Facility for onsite dust suppression purposes.

Previous reports (February, May and September 2020) found that the dam water onsite was suitable for use based on sampling undertaken in November 2019, and May 2020. However, water in the Water Recycling Pond and Detention Basin A was unsuitable for use based on sampling undertaken in February 2020 and water in Detention Basin A was unsuitable for use based on sampling undertaken in September 2020.

However, based on an Exposure Model, the contaminants of concern and the adopted screening criteria presented in the report, the waters contained in the three dams, the Shedding Runoff Pond, the Water Recycling Pond, the Detention Basin A, and the rainwater tank pose a low risk to human health when used as dust suppression water onsite.

Application of waters contained in the three dams for onsite dust suppression should be done in conjunction with the recommendations made in Consulting Earth Scientists report (2020e).

2.6.4 Groundwater quality

In section 2.3.6, we report on trends in the quality of groundwater upstream and downstream of the development. Trends in water quality are presented for a range of analytes in Figure 2.4.

Our analysis of groundwater characteristics upstream of the development (Groundwater well 5) and downstream of the development (Groundwater well 2) in Figure 2.4 similarly showed that water quality varied with season for all groundwater quality parameters including pH, nitrate, metals (arsenic, chromium, copper, zinc, lead and nickel), soluble salts (sodium and calcium) and hydrocarbons with little differences between upstream and downstream sampling points.

However, we note that, similar to 2019, ammonium concentrations and electrical conductivity levels were higher in downstream groundwater than upstream groundwater and may indicate that there is some interaction between surface water and groundwater on the lower part of the site. However, this finding is not supported by the trends in other data, particularly for soluble salts such as sodium and calcium. The concentrations of these soluble salts should be higher in groundwater with a high electrical conductivity; however, this is not the case based on test results presented in Figure 2.4. This was not detected in the report by Consulting Earth Sciences, and further assessment is required.

Continued groundwater monitoring in 2021 will help to validate the ongoing effectiveness of the pavement and water management systems on the site.



2.6.5 Odour

No odorous materials are permitted for receival at the premises, and no odour issues or complaints have occurred in the past two years.

2.6.6 Dust

No ongoing dust monitoring is performed by the development, consistent with the Air Quality Management Plan. We note that no dust complaints have occurred over the past three years.

2.6.6 Incidents

No incidents have occurred at the premises over the past two years.

2.6.6 Complaints

No complaints have been received by the premises over the past two years.

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

Monitoring in accordance with the approved OEMP has continued throughout the reporting period and there are no identified discrepancies between the predicted and actual impacts of the development.

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

A summary of the measures that will be implemented to address the non-compliances found as part of this audit are presented in Table 2.7.



Table 2.7. Summary of additional measures that have or will be undertaken during 2021 to improve the environmental performance of the development. These are derived from non-compliances given in Table 2.8 and (Independent Environmental Audit findings) and Appendix 1 (Annual Review 2019 findings).

Non-compliance	Source	Additional measure / action that has or will be implemented
Development Control Order	Table 2.6 of this Annual Review	Development Modification 2 was approved on 15 May 2020 however building information certificates have not been obtained. The application for the certificates should be finalised as soon as possible.
SSD5300 Condition A2	Table 2.6 of this Annual Review	A development modification application should be prepared for any additional activities/structures that have been initiated/construction and that are to remain on site.

2.10. Summary of Audit Recommendations

The audit found that Kembla Grange Recycling Pty Ltd has complied with all management plans and procedures as required by SSD5300 except for the non-compliances as identified in Table 2.7. It is understood that action is underway to address these matters.

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 Kembla Grange Recycling 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.

Please note that we have included observations from the site inspection done on 13th February 2020 for the 2019 Annual Review as these observations were made during the 2020 Annual Review period. We also note that a compliance audit was conducted on 2nd March 2021. This involved a detailed desktop assessment of all management documentation, and a site inspection across the entire facility.

Across the entire Annual Review period, we found eight non-compliances. Two of which were resolved prior to the inspection on 2nd March 2021. These include:

- Condition B7 (Water Management System). Diversion of surface runoff around the NE corner of the site, with rock armouring and revegetation of the area observed. Improved cleaning of pad and stormwater pits was observed, with more frequent changing of geotextile covers on pits;
- Condition B8 (Erosion and Sediment Control). See observation as per Condition B7 above.

Two non-compliances were resolved following the site inspection:

- Condition B7 (Water Management System). A small oil spill was found on the southern side of the main shed. This oil spill has been cleaned up and has been resolved;
- Condition B25 (Traffic and Access): The ring road around the site was partially blocked and must be maintained in accordance with Drawing No. C10 as approved under SSD5300 and subsequent development modifications. The ring road has been reinstated and the matter has been resolved.

The four non-compliances that still need to be resolved:

1. A building information certificate is required for the rainwater and firewater storage tanks, pump room and fixed picking station which have already been installed. It is noted that this certificate was sought

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from Wollongong City Council, though it is yet to be issued. It is noted that the building information certificate must be provided to the Planning Secretary with copies of all within 60 days from date of approval of MOD 2. Once the building information certificates have been obtained, this issue will be resolved.

- 2. The use of the shed building approved for the crushing and grinding plant under Mod 2 is being used as a temporary workshop;
- 3. An asphalt processing plant and asphalt storage is currently located on the approved green waste storage area;
- 4. Empty skip bins are being stored adjacent to the water quality ponds.

Environmental monitoring data reviewed as part of the Annual Review found that the facility is being managed within the predictions in the Environmental Impact Statement. It is noted that no complaints were received in the past 12 months in relation to the operations at the site.



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
- State Significant Development (5300) Mod 2 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:
 - o Wollongong Recycling (NSW) Pty Ltd Air Quality Management Plan (February 2018)
 - Wollongong Recycling (NSW) Pty Ltd Asbestos Management Plan (February 2018)
 - o 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)
 - o Wollongong Recycling (NSW) Pty Ltd Traffic Management Plan (February 2018)
 - Wollongong Recycling (NSW) Pty Ltd Bushfire Management Plan (February 2018)
- Seventh Sense Sustainability Consultants Pty Ltd (2019). Independent Environmental Audit completed on 27/11/19.
- Consulting Earth Scientists Pty Ltd (2020a). Quarterly Water Monitoring Report for Kembla Grange Recycling Centre: February 2020
- Consulting Earth Scientists Pty Ltd (2020b). Quarterly Water Monitoring Report for Kembla Grange Recycling Centre: May 2020
- Consulting Earth Scientists Pty Ltd (2020c). Quarterly Water Monitoring Report for Kembla Grange Recycling Centre: August 2020
- Consulting Earth Scientists Pty Ltd (2020d). Quarterly Water Monitoring Report for Kembla Grange Recycling Centre: November 2020
- Consulting Earth Scientists Pty Ltd (2020e). Human Health Risk Assessment for Onsite Reuse of Dam Water at Kembla Grange Recycling Centre: November 2020



Appendix 1: Audit findings

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

SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant ? (Y/N)
A5.	Statutory Requirements 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.	+ All approvals are in place for the development	+ Planning consent SSD5300 + EPA Licence 20601 + Department of Primary Industries Controlled Activity Approval	Yes
A6.	Limits of Consent The Applicant must not receive or process on the site more than 230,000 tonnes per year of waste, subject to Condition A8. Note: The reporting year is March 15 to March 14 to align with the EPL reporting period.	+ Facility currently complying with EPA Licence 20601 limit condition of 230,000 tpa + Audit of WARRP data, total waste received in 2020 was 95,958.71 tonnes and 19,755.99 tonnes for the first three (3) months of 2021	+ EPA Licence 20601 + EPA WARRP data for Jan- Dec 2020 + EPA WARRP data for Jan- Mar 2021	Yes
A7.	Despite Condition A7, the Applicant shall not receive or process on the site more than 30,000 tonnes per calendar year of waste until:	+ Facility has received final Occupation Certificate on 23/01/18 (Cert. No. 2306) + Secretary DPE approved OEMS on 26/02/18	+ Completed previously	Yes



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by	Compliant ? (Y/N)
Condition			auditor	: (1/14)
	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).			
\8.	The Applicant shall store no more than 45,000 tonnes of waste on the	+ Site inspection of stockpiles on 2/03/21	+ Visual	Yes
	site at any one time, including:	+ Site is limited to <2,500 m ³ of organic waste and <45,000	inspection of	
	a) No more than 2,500m ³ of organic waste on the site at any	tonnes of waste at any point in time (Condition L3.2 and L3.3 of	stockpiles on	
	one time; and	EPL 20601)	2/03/21	
	b) No more than 500m ³ of the above limit on organic waste is	+ Assessment of WARRP reports for 2020 calendar year	+ Assessment	
	to comprise compost product	+ Assessment of WARRP reports for the first three (3) months	of WARRP	
		of 2021	reports for	
			2019 calendar	
			year	
			+ Stock on	
			hand at end of month for Jan	
			2020 to Dec	
			2020 to Dec 2020 all less	
			than 45,000	
			tonnes	
			+ Stock on	
			hand at end of	
			month for Jan	
			2021 to Mar	
			2021 all less	
			than 45,000	
			tonnes	
9.	All new buildings and structures, and any alterations or additions to	+ A building information certificate is required for the	+ Evidence	No
	existing buildings and structures, that are part of the development,	rainwater and firewater storage tanks, pump room and fixed	could not be	
		picking station which have already been installed.	assessed as the	



SSD5300 Condition	Consent Condition		Evidence of compliance	Evidence assessed and validated by auditor	Compliant ? (Y/N)
	must be constructed in accordance with the BCA. Note:	the relevant requirements of	+ It is noted that the fixed picking station is not currently operational.	application for this certificate is in progress.	
	Under Part 6 of the EP&A Act, the construction and occupation certi works. Part 8 of the EP&A Regulation secretification of the development.	ficates for the proposed building			
A9A.	Within 60 days from date of approval of provide the Planning Secretary with conformation certificates from Council for in Table A, in accordance with Section 6. Table A: Alterations and Additions to St	pies of all necessary building all structures and items listed 26 of the EP&A Act.	+ A building information certificate is required for the rainwater and firewater storage tanks, pump room and fixed picking station which have already been installed. + It is noted that the fixed picking station is not currently operational.	+ Evidence could not be assessed as the application for this certificate is in progress.	No
	Structure Picking Station, screens and crushers connected to partially enclosed storage bays and associated processing equipment	Location South eastern corner of the site as shown in		p8	
	Firewater storage tanks and pump room Rainwater storage tanks	Western side of the site as shown in Appendix A, Site Plan 1 Northern side of the site located behind existing shed as shown in Appendix A, Site Plan 1			
	Note: If a structure or item in Table A is considunder the State Environmental Planning Development Codes) 2008 and Council agricentificate may not be required	Policy (Exempt and Complying			
A12.	Surrender of Consent In order for the development of land to orderly manner and to avoid potential condent and in the manner prescribed Regulation, surrender the development	onflicts with this consent, the bed by clause 97 of the EP&A	+ 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



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant ? (Y/N)
	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			
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.	+ The meteorological station was decommissioned on 12/02/20 and was not operational throughout 2020. Data was only available from 04/02/21.	+ Meteorologica I data was observed from 04/02/21 onwards + The newly commissioned meteorologica I station was observed on 2/03/21.	No
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 (ii) quantity, type and quality of the outputs produced on site. c) ensure that: (i) all waste that is controlled under a tracking system has the appropriate documentation prior to acceptance at the 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 with details on asbestos removal training	Yes



		Allidai Neview Neport 2020 – Kellibia Grafige Necycling Fty L		
SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant ? (Y/N)
	(ii) staff receive adequate training in order to be able to recognise and handle any hazardous or other prohibited waste including asbestos.		+ SOP-YA003 Asbestos at Recycling Centres procedure + OPL-YA040 Unexpected asbestos finds	
B4	Sewage Management The applicant shall obtain approval for the operation of an On-site Sewage Management System in Accordance with Section 68 of the Local Government Act 1993.	+ OS-2015/15 Approval to Operate On-site Management System sighted from Wollongong City Council (dated 10/04/19))	+ OS-2015/15 Approval to Operate Onsite Management System approval	Yes
B5.	Water Management Plan Prior to re-commencing the operation of the fixed picking station and prior to the operation of the indoor processing plant as described in MOD 2, the Applicant must update its Water Management Plan to the satisfaction of the Secretary. The plan must be prepared by a suitably qualified and experienced person(s) in consultation with the EPA and DPI; a) be prepared by a suitability qualified and experienced person(s) in consultation with the EPA and the Department of Planning, Industry and Environment (Water) and Natural Resources Access Regulator; b) include a detailed site water balance; c) include a mass soil balance; d) include the details of: (i) retaining walls and soil cut and fill;	+ Soil and Water Management Plan as approved by the Secretary DPE on 26/02/18. + Pollution Incident Response Management Plan sighted + As the operation of the fixed picking station has not recommenced, the Soil and Water Management Plan has not been updated.	+ 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)
	 (ii) expected groundwater interception and extraction; (iii) all-weather access to the site; (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. 			
В6.	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.	+ Soil and Water Management Plan as approved by the Secretary DPE on 26/02/18	+ Soil and Water Management Plan (Appendix C of Operational Environmental Management Plan)	Yes
В7.	Water Management System The Applicant shall operate a Water Management System for the site. The system must: 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);	+ 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 (Feb, May, Aug and Nov 19) + Daily Supervisor Checklist inspected for details on daily checks on water management system + Roof water from main warehouse is connected to tanks now on northern side of shed. + Inspection on 2/03/21 identified evidence of an oil spill at the southern end of the main shed. The oil spill has been caused by inappropriate storage of decommissioned plant	+ Soil and Water Management Plan Program (Appendix C of Operational Environmental Management Plan) + Site inspection	No



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant ? (Y/N)
	e) divert clean surface water around operational areas of the site; 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.	+ Five discharge events occurred throughout the reporting period. Sampling was carried out at sampling point for 1 analysis. Results are reported at: http://www.bingoindustries.com.au/getattachment/recycling-centres/policies/Pollutant-Monitoring-Results_EPL20601-updated-10-02-2021.pdf?lang=en-AU + It is noted that as part of the 2019 Annual Review, the site inspection on 13 February 2020 (falling within this audit period) found that runoff from northern part of site was not fully diverted around the NE corner of the facility. Vegetation of former access road around NE corner of site is required, and vegetated earth mound as per SSD 5300 Mod 1 plans is required to divert runoff from northern hill slope around the site and into the unnamed creek. + Some surface ponding of water observed in operational areas, resulting mud to form due to vehicles operating within the area. Pad maintenance needed more regularly to avoid low spots forming to improve surface drainage and reduce sediment generation. + The inspection showed evidence of silt build-up on crushed concrete pavement from recent wet weather and transfer into stormwater pits. More frequent cleaning of pad is needed to avoid sediment build up, including changing the geotextile filter covers on pits. + An update to the Soil and Water Management Plan (last updated March 2018) is required to set out additional soil and	across entire site on 13/02/20 and 2/03/21 + Daily Supervisor Checklist	



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by	Compliant ? (Y/N)
		wet weather, to avoid excessive sediment load on the OSD ponds, in accordance with Landcom (2004) Managing Urban Stormwater – Soils and Construction Vol. 1. The plan update should include current practices such as pits and pipes cleaning by external contractor once a quarter including the Humeceptor. + All other water management measures considered satisfactory.	auditor	
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 on water management system + Inspection on 2/03/21 showed evidence of silt build-up on crushed concrete pavement from recent wet weather and transfer into stormwater pits. Whilst pad maintenance is done regularly to reduce low spots on the pad, and to avoid pooling in wet weather, more frequent monitoring of pad condition will help to improve surface drainage and reduce sediment generation. + It is noted that as part of the 2019 Annual Review, the site inspection on 13 February 2020 (falling within this audit period) found that more frequent cleaning of the pad is needed to avoid sediment build up, including more frequent changing of the geotextile filter covers on pits. + Vegetation of former access road around NE corner of site is required to reduce sediment transfer into unnamed creek. + Inspection on 13/02/20 showed evidence of silt build-up on	+ Soil and Water Management Plan Program (Appendix C of Operational Environmental Management Plan) + Site inspection across entire site on 13/02/20 and 2/03/21 + Daily Supervisor Checklist	No



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant ? (Y/N)
		transfer into stormwater pits. Whilst pad maintenance is done regularly to reduce low spots on the pad, and to avoid pooling in wet weather, more frequent monitoring of pad condition will help to improve surface drainage and reduce sediment generation. + More frequent cleaning of the pad is needed to avoid sediment build up, including more frequent changing of the geotextile filter covers on pits.		
В9.	Bunding The Applicant shall store all chemicals, fuels and oils used on-site in appropriately bunded 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 bunded on spill containment pallets.	+ Site inspection on 2/03/21 + 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; 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.	+ 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 Ltd and no evidence of non-compliance provided by previous site owner.	+ Construction Waste Management Plan dated 10 May 2016	Yes



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant ? (Y/N)
B11.	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).	+ Complaints register – no complaints in 12 months of reporting period (see: https://www.bingoindustries.com.au/recycling- centres/policies/~/getattachment/recycling- centres/policies/SEQEnvironmental_ComplaintsRegister- KemblaGrange_2021-02-03-09-50-26.pdf?lang=en-AU) + Air Quality Management Plan (Appendix A, Operational Environmental Management Plan)	+ Complaints register. + Air Quality Management Plan + Site inspection on 2/03/21	Yes
B12.	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: 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: (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; 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	+ Air Quality Management (Appendix A, Operational Environmental Management Plan) 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	+ Air Quality Management Plan	Yes



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant ? (Y/N)
	 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.	+ 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	+ Air Quality Management Plan in place + Daily Site Supervisor Checklist	Yes
B14.	Air Emissions Mitigation The Applicant shall: 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: (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; (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;	+ All waste processing operations on-site inspection on 2/03/21 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. + Surface wetting of piles observed for dust control. + Sprinkler system observed designated above waste storage bays.	+ Operational Environmental Management Plan and Appendix A — Air Quality Management. + Site inspection on 2/03/21.	Yes



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant ? (Y/N)
	 (vi) storing no more than 2,500 m³ of organic matter outside a building at any one time, comprising of no more than: 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 through the use of chemical suppressants, water sprays/misters. 			
B15.	Construction Emissions Mitigation During construction, the Applicant shall ensure that: 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 before they leave the site, to avoid tracking the materials on public roads.	+ Construction works completed prior to inspection on 2/03/21. + Construction process managed as per approved Construction Environment Management Plan dated 9/05/16 by KFW.	+ Construction Environment Management Plan.	Yes
B16	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: 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;	+ Air Quality and Odour Report was undertaken by Consulting Earth Sciences on between 22 and 24 May 2018.	+ Air Quality and Odour Audit Report dated 25th May 2018.	Yes



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant ? (Y/N)
	 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. 			
B18.	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.	+ Construction works completed prior to inspection on 2/03/21. + 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
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 + Complaints register – no complaints in 12 months of reporting period (see: https://www.bingoindustries.com.au/recycling- centres/policies/~/getattachment/recycling- centres/policies/SEQEnvironmental_ComplaintsRegister- KemblaGrange_2021-02-03-09-50-26.pdf?lang=en-AU)	+ 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.	+ No noise data required to be measured during 2019.	Yes

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SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant ? (Y/N)
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 + Complaints register – no complaints in 12 months of reporting period (see: https://www.bingoindustries.com.au/recycling-centres/policies/~/getattachment/recycling-centres/policies/SEQEnvironmental ComplaintsRegister-KemblaGrange 2021-02-03-09-50-26.pdf?lang=en-AU)	+ OPL-YA027 Controlling Noise Emissions at Recycling Centres + Complaints Register	Yes
B23.	Noise mitigation The Applicant shall: 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 d) regularly assess noise monitoring data and relocate, modify and/or stop operations to ensure compliance with the noise criteria in this consent.	+ Noise managed in accordance with procedure OPL-YA027 Controlling Noise Emissions at Recycling Centres + Complaints register – no complaints in 12 months of reporting period (see: https://www.bingoindustries.com.au/recycling-centres/policies/~/getattachment/recycling-centres/policies/SEQEnvironmental_ComplaintsRegister-KemblaGrange_2021-02-03-09-50-26.pdf?lang=en-AU)	+ OPL-YA027 Controlling Noise Emissions at Recycling Centres + Complaints Register	Yes
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
B24A.	The Applicant must prepare and submit a noise verification report to the EPA and the Planning Secretary within 3 months from recommencing the operation of the fixed picking station and prior to the operation of the indoor processing plant (as described in MOD 2). The report must be prepared by a suitably qualified and experienced acoustic consultant and include:	+ None - the operation of the fixed picking station has not recommenced, and the operation of the indoor processing plant has not commenced.	+ Site inspection on 2/03/21. + Traffic Management Plan in Appendix H of	Yes



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SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant ? (Y/N)
	 a) an analysis of compliance with noise limits specified in Condition B20; b) an outline of management actions to be taken to mitigate any exceedances in noise limits; and c) a description of contingency measures in the event management actions are not effective in reducing noise levels to an acceptable. 		Operational Environmental Management Plan approved by the Secretary 26/02/18.	
B25.	Traffic and access The Applicant shall ensure that: a) a total of 26 car parking spaces, including one disabled car parking space are provided; b) site access, driveways and parking areas are constructed and maintained in accordance with the latest versions of Australian Standards AS 2890.1, AS 2890.2, AS 2890.6 and AS 1428.1; c) the swept path of the longest vehicle entering and exiting the subject site, as well as manoeuvrability through the site, is in accordance with AUSTROADS Guide to Road Design; d) the bridge is: (i) designed by a suitably qualified and experienced engineer in accordance with the current Australian Standards for bridge design; (ii) a minimum of 300mm freeboard above the estimated 1% Annual Exceedance Probability flood level to the underside of the bridge deck; and (iii) provided with flood warning signage and flood depth indicators for traffic; e) the Development does not result in any vehicles parking or queuing on the public road network; f) all vehicles are wholly contained on site before being required to stop;	+ The site inspection on 2/03/21 identified that there was inadequate clearance around the site for the ring road and is not in accordance with the site plans as approved under as approved under SSD5300 and subsequent development modifications.	+ Site inspection on 2/03/21. + Traffic Management Plan in Appendix H of Operational Environmental Management Plan approved by the Secretary 26/02/18.	No



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by	Compliant ? (Y/N)
	g) all loading and unloading of heavy vehicles is carried out onsite; h) turning areas are kept clear of any obstacles, including parked cars, at all times; i) all heavy vehicles associated with the Development have their loads covered and do not track dirt onto public roads; and j) all vehicles enter and leave the site in a forward direction.		auditor	
B25A.	Prior to re-commencing the operation of the fixed picking station and prior to the operation of the indoor processing plant, as described in MOD 2, the Applicant must install and implement the fire safety measures described in the Kembla Grange Fire System Upgrade Review dated 22 March 2020 prepared by EWFW Consulting. Evidence of the installation must be provided in writing to the Planning Secretary	+ None - the operation of the fixed picking station has not re- commenced, and the operation of the indoor processing plant has not commenced	+ Site inspection on 2/03/21.	Yes
В25В.	Prior to re-commencing the operation of the fixed picking station and prior to the operation of the indoor processing plant, as described in MOD 2, the Applicant must prepare and implement an Emergency Management Plan to the satisfaction of the Secretary. The plan must be: a) prepared in consultation with FRNSW by a suitably qualified and experienced expert; and b) in accordance with AS 3745-2010 Planning for emergencies in Facilities.	+ None - the operation of the fixed picking station has not recommenced, and the operation of the indoor processing plant has not commenced	+ Site inspection on 2/03/21.	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; c) maintain adequate fire-fighting capacity on the site at all times; and	+ 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 (last tested 02/04/2020) + No fire incidents during 2020	+ Occupation Certificate + Pollution Incident Response Management Plan	Yes



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by	Compliant ? (Y/N)
			auditor	
	d) maintain provision for the containment of fire water run-off			
	based on the worst possible fire scenario for the site.			
B29.	Landscape Management Plan	+ Site landscaping managed in accordance with approved	+ Operational	Yes
	Prior to the commencement of construction of the Development, the	Operational Environmental Management Plan – Appendix C-	Environmental	
	Applicant shall prepare a Landscape Management Plan in consultation	Soil and Water Management Plan	Management	
	with the Office of Water, to the satisfaction of the Secretary. The plan	+ Contract landscaper engaged to manage maintenance of all	Plan –	
	must:	landscaped areas during 2020 (Toolijooa Environmental	Appendix C-	
	a) be prepared by a suitably qualified and experience person(s);	Restoration)	Soil and Water	
	b) detail the measures to be employed to address the		Management Plan	
	requirements of Condition 830; c) describe and map the extent of the Riparian Zone for the un-		+ Site	
	named tributary on the site;		inspection	
	d) be consistent with the Vegetation Management Plan,		2/03/21	
	Version 7, dated October 2015, prepared by Southern		_, -,,	
	Habitat;			
	e) include:			
	(i) a schedule of proposed planting, including botanic			
	and common names, expected mature height and			
	staking requirements, numbers of plants and pot			
	sizes;			
	(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;			
	(iii) the location of common taps and/or irrigation			
	system in accordance with Wollongong City Council Landscape Technical Policy No 98/4;			
	(iv) the details of protection measures for existing			
	vegetation to be retained; and			
	(v) a landscape maintenance program for the			
	operational life of the facility.			



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant ? (Y/N)
B30.	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	+ Landscape Management Plan (as per approved Operational Environmental Management Plan – Appendix C- Soil and Water Management Plan) + Maintenance reports for by Toolijooa Environmental Restoration sighted	+ Landscape Management Plan (as per approved Operational Environmental Management Plan – Appendix C- Soil and Water Management Plan) + Maintenance reports provided by Toolijooa Environmental Restoration	Yes
B31.	Landscaping The Applicant shall: a) ensure that all works are consistent with the Vegetation Management Plan, Version 7, dated October 2015, prepared by Southern Habitat; b) ensure that the Ficus macrophylla (Moreton Bay Fig) and Streb/us brunonianus (Whalebone Tree) described in Drawing No.1442-LC01G, prepared by Ochre Landscape Architects dated 12 August 2015, are retained and protected during construction;	+ Site landscaping managed in accordance with approved Operational Environmental Management Plan – Appendix C-Soil and Water Management Plan + Toolijooa Environmental Restoration engaged to manage maintenance of all landscaped areas + Site inspection on 2/03/21	+ Operational Environmental Management Plan — Appendix C- Soil and Water Management Plan. + Site inspection	Yes
	c) install a permanent physical barrier at the landward extent of the riparian zone to prevent damage to the riparian zone;		2/03/21	



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SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant ? (Y/N)
	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: (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.		+ Maintenance reports provided by Toolijooa Environmental Restoration	
C1.	Construction Environmental Management Plan 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: 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	+ Construction works complete + Construction process managed as per approved Construction Environment Management Plan dated 9/05/16 by KFW	+ Construction Environment Management Plan + Advice provided by Environmental Manager	Yes



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant ? (Y/N)
	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 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 complete	+ Construction Environment Management Plan + Advice provided by Bingo Environmental Manager	Yes
C3.	Operational Environmental Management Strategy C3. The Applicant shall prepare an Operational Environmental Management Strategy for the Development to the satisfaction of the Secretary. This strategy must: a) be prepared by a suitably qualified and experienced person(s); b) provide a strategic framework for environmental management of the Development;	+ Construction process managed as per approved Construction Environment Management Plan dated 9/05/16 by KFW.	+ Construction Environment Management Plan	Yes

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SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant ? (Y/N)
	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: (i) keep the local community and relevant agencies informed about the operation and environmental performance of the Development; (ii) receive, handle, respond to, and record complaints; (iii) resolve any disputes that may arise; (iv) respond to any non-compliance; 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.	Management Plan Requirements The Applicant shall ensure that the environmental management plans/strategies required under this consent are prepared in accordance with any relevant guidelines and include: a) detailed baseline data; b) a description of: (i) the relevant statutory requirements (including any relevant approval, licence or lease conditions); (ii) any relevant limits or performance measures/criteria;	+ 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)
	(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: (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;		auditor	
	(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.			
С7.	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	+ 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 + No incidents during 2020	+ Operational Environmental Management Strategy + Bingo Intranet for Incident Reporting	Yes



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant ? (Y/N)
	any relevant agencies with a detailed report on the incident, and such further reports as may be requested.			
C8.	Regular Reporting 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.	+ Reporting given in the Operational Environmental Management Strategy approved by Secretary on 26/02/18 + The 2019 Annual Review is available on Bingo's web site (see: http://www.bingoindustries.com.au/getattachment/496262c e-06e6-4845-8b88-87b0df2777f1/jep-pty-ltd-2019-annual-review-report-for-dpie-kembla-grange-recycling-pty-ltd-for-the-2019-period.pdf)	+ Operational Environmental Management Strategy + Bingo web site	Yes
C9.	Independent Environmental Audit Within 12 months of the approval of the modification and every three years thereafter, unless the Planning Secretary directs otherwise, the Applicant shall commission and pay the full cost of an Independent Environmental Audit of the Development. The Audit must: a) be led and conducted by a suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Planning Secretary; b) be carried out in consultation with the relevant agencies; c) assess the environmental performance of the development and assess whether it is complying with the requirements in this consent, and any strategy, plan or program required under this consent; d) review the adequacy of any approved strategy, plan or program required under this consent; and e) recommend measures or actions to improve the environmental performance of the development, and any strategy, plan or program required under this consent.	+ Independent Environmental Audit completed by Seventh Sense Sustainability Consultants Pty Ltd on 27 November 2019. + Non-compliance was covered in2019 Annual Review.	+ IEA Report by Seventh Sense Sustainability Consultants Pty Ltd	Yes
C10.	Within three months of commissioning an Independent Environmental Audit, or within another timeframe agreed by the Planning Secretary, a copy of the audit report must be submitted to the Planning Secretary and any other NSW agency that requests it,	+ IEA Report was submitted prepared by Seventh Sense Sustainability Consultants Pty Ltd on 27 November 2019.	+ Advice from Bingo	Yes



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant ? (Y/N)
	together with a response to any recommendations contained in the audit report, and a timetable for the implementation of the recommendations. The recommendations must be implemented to the satisfaction of the Planning Secretary.			
	Note: The audit team must be led by a suitably qualified auditor and include experts in any fields specified by the Planning Secretary			
C11.	Annual Review Within 60 days of the end of the reporting period specified in A6, or as otherwise agreed with the Secretary, the Applicant shall review the environmental performance of the Development. This review must: 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: (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
	 d) identify any trends in the monitoring data over the life of the Development; e) identify any discrepancies between the predicted and actual impacts of the Development, and analyse the potential cause of any significant discrepancies; and 			



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant ? (Y/N)
	 f) describe what measures have or will be implemented in the current calendar year to improve the environmental performance of the Development. 			
C12	Revision of Strategies, Plans and Programs Within 3 months of the submission of an: a) annual review under Condition C11 above; b) incident report under Condition C7 above; c) audit under Condition C9 above; or d) any modification to this consent,	+ Noted.	+ N/a	Yes
C14.	Access to Information The application shall make copies of the following publicly available on its website: a) the documents referred to in Condition A2; b) all current statutory approvals for the development; c) all approved strategies, plans and programs required under the conditions of this consent; 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; e) a complaint register, updated on a monthly basis; f) the annual reviews of the Development; 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.	+ All documents under SSD Condition A2 are provided on publicly available web sites.	+ EIS, Response to Submissions, site layout plans and drawings and management and mitigation measures + EPA licence + Complaints Register + OEMP	Yes
Revised Statement of	Geotechnical Design Solutions, Works and Investigations The following recommendations to address geotechnical constraints will be implemented by Bicorp:	+ Construction works completed + Construction process managed as per approved Construction Environment Management Plan dated 9/05/16 by KFW.	+ Construction Environment Management Plan	Yes



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SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant ? (Y/N)
Commitment	1) As part of site preparation prior to construction works, all			
S	vegetation, topsoil and any uncontrolled fill will be removed.			
4.1	2) Temporary surface protection against erosion will be			
	provided in accordance with the requirements of the			
	supervising geotechnical engineer.			
Revised	Groundwater	+ Groundwater testing undertaken quarterly consistent with	+ Appendix C	Yes
Statement of	The following will be implemented by Bicorp in relation to	Appendix C - Soil and Water Management Plan as per	Soil and Water	
Commitment	groundwater monitoring and reporting:	Operational Environmental Management Plan approved by	Management	
S	Groundwater presence or levels will be confirmed if another time in wedgeteless division on fellowing advances.	the Secretary 26/02/18	Plan as per	
4.2	construction is undertaken during or following adverse weather or if a significant time period elapses between this	+ Construction process managed as per approved Construction Environment Management Plan dated 9/05/16 by KFW	Operational Environmental	
	investigation and construction. The Office of Water will be	+ Quarterly groundwater monitoring done in February, May,	Management	
	notified prior to any works occurring that are likely to	August and November 2020 by Consulting Earth Sciences	Plan	
	intercept or extract groundwater and an estimate of the	August and November 2020 by consulting Earth Sciences	+ Construction	
	likely take of groundwater will be provided to the Office of		Environment	
	Water to assess the need for an authorisation.		Management	
	2) Quarterly Testing of the groundwater on the site will be		Plan	
	undertaken to identify any future trends and characterise		+ Quarterly	
	the groundwater within the local area. Monitoring will		groundwater	
	commence at least three months prior to construction		monitoring	
	commencing and the results of the groundwater monitoring		done in	
	program will be provided to the Office of Water.		February,	
	3) Development of a Soil and Water Management Plan to		May, August	
	minimise the amount of surface runoff and potential		and November	
	migration of contamination.		2020 by Consulting	
	4) Engineering of the development working platform to minimise the infiltration of any contaminants into the		Earth Sciences	
	underlying soils.		Lai til Sciences	
Revised	Hazards	+ (1) Pollution Incident Response Management Plan sighted in	+ Refer to	Yes
Statement of	The following measures will be implemented by Bicorp to address	Appendix F of Operational Environmental Management Plan	evidence	
	hazards associated with transport, construction, on site storage of	approved by the Secretary 26/02/18 and updated 3/04/2020	sighted	



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by	Compliant ? (Y/N)
Condition			auditor	: (1/14)
Commitment	fuels/hydrocarbons, and site operation in relation to dust, bushfire	+ Emergency response procedures given in Section 13 of		
S	and theft:	Operational Environmental Management Plan approved by		
4.3	1) Preparation of an Emergency Management/Response Plan.	the Secretary 26/02/18.		
	2) Preparation of an Environmental Management Plan.	+(2) EMS System under ISO 14001 in place and certified by Best		
	3) Preparation of a Work Health and Safety Plan.	Practice Industry Certification, Cert. No 72617748231E (expiry		
	4) Preparation of a Hazardous Material Management Plan.	18/04/2024)		
	5) Appropriate induction and training of personnel and the	+ (3) WHS System in place under AS4801 and independently		
	implementation of operator training.	audited and certified by Best Practice Industry Certification,		
	6) The purchase of spill response equipment and the	Cert. No 72617748231S2 (expiry 18/02/2024)		
	implementation of spill response training.	+ (4) Pollution Incident Response Management Plan sighted in		
	 Emergency services (police, fire brigade) will be contacted when required. 	Appendix F of Operational Environmental Management Plan approved by the Secretary 26/02/18.		
	8) The implementation of site security to limit public access, as	+ (5) Sighted procedure SOPCOM005 Induction, Competence,		
	required.	Training and Awareness and Training Register for 2020		
	9) Procurement of firefighting equipment adequate for the	+ (6), (7) Pollution Incident Response Management Plan		
	level of risk and regular maintenance and testing of such	sighted in Appendix F of Operational Environmental		
	equipment.	Management Plan approved by the Secretary 26/02/18.		
	10) Preparation of a Bushfire Management Plan.	+ (8) Section 14 of Operational Environmental Management		
	11) Regular maintenance inspections of equipment.	Plan approved by the Secretary 26/02/18.		
	12) The preparation of a Traffic Management Plan.	+ (9), (10) Bushfire Management Plan in Appendix I of		
	13) Implementation of procedures to ensure that handling and	Operational Environmental Management Plan approved by		
	storage of flammable and combustible liquids is in	the Secretary 26/02/18.		
	accordance with Australian Standards.	+ (11) Air Quality Management Plan as per Appendix A of		
	14) Storage and handling of all substances, including waste,	Operational Environmental Management Plan approved by		
	under conditions that minimise the risk of fire, explosion or	the Secretary 26/02/18.		
	toxic emissions, with implementation of specific measures	+ (12) Traffic Management Plan in Appendix H of Operational		
	that address the use of solvent extraction reagents.	Environmental Management Plan approved by the Secretary		
	15) Implementation of specific procedures for high risk tasks.	26/02/18.		
	16) Appropriate induction and training of personnel in	+ (13) Waste Monitoring Program as per Appendix D of		
	emergency response (internal and external) procedures.	Operational Environmental Management Plan approved by		
		the Secretary 26/02/18		



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SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant ? (Y/N)
	 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. 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. 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. 	+ (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 + (20 Air Quality Management Plan as per Appendix A of Operational Environmental Management Plan approved by the Secretary 26/02/18.		
Revised	Biodiversity	+ Occupation Certificate as approved by Illawarra Building	+ Occupation	Yes
Statement of	Bicorp commit to the implementation of the following biodiversity	Certifiers 23/01/18 (Cert. No. 2306)	Certificate	
Commitment	protection measures:	+ Construction Environment Management Plan dated 9/05/16	+ Construction	
S	1) Retention of remnant intact native vegetation / endangered	by KFW	Environment	
4.4	ecological communities.	+ Site inspection on 2/03/21 provided evidence of SOC 4.4	Management	
	2) Erection of a standard three strand wire fence around the	Commitments in place + Landscape contractor engaged to ensure vegetation	Plan + Site	
	extent of the Illawarra Subtropical Rainforest located within the area of workings to indicate and protect this particular	associated with riparian corridor is managed in accordance	+ Site inspection	
	remnant. A buffer zone of 5m will apply within this fencing.	with Vegetation Management Plan, including weed removal	2/03/21	
	3) Retention of identified hollow bearing trees.			
	4) Retention of a 10m wide vegetated riparian corridor to			
	protect aquatic habitats.			
	5) Retention of identified hollow bearing tree.6) Revegetation of disturbed batters and landscape areas with			
	 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).			



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant ? (Y/N)
	 8) Removal of vegetative matter from earth moving machines prior to entering and leaving the site 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 stabilization of disturbed areas. 11) Remove windblown rubbish. 			
Revised Statement of Commitment s 4.5	 Vegetation 1) The following will be implemented by Bicorp to protect the Moreton Bay Fig on the site: • 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. 3) A two (2) year maintenance program will commence following completion of primary weed control and 	+ Occupation Certificate as approved by Illawarra Building Certifiers 23/01/18 (Cert. No. 2306) + Site inspection on 2/03/21 provided evidence of Vegetation Management Plan is in place + Landscape contractor engaged (Toolijooa Environmental Restoration) to manage vegetation associated with riparian corridor in accordance with Vegetation Management Plan, including weed removal	+ Occupation Certificate + Site inspection 2/03/21	Yes



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant ? (Y/N)
	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: • 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	Bushfire The following bushfire mitigation and protection recommendations will be adhered to by Bicorp: 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 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.	+ Site inspection on 2/03/21 confirmed correct storage of green waste and timber + 200,000L of water tank storage in place for firefighting and dust suppression along northern side of shed (regularisation under SSD5300 Mod 2). + 2 x 150,000L water tanks and pump room installed on western side of site (regularisation under SSD5300 Mod 2).	+ Site inspection on 2/03/21	Yes
4.8	Environmental and Amenity Impacts The following flood mitigation and water quality measures will be implemented by Bicorp:	+ (1) 200,000L of water tank storage in place for firefighting and dust suppression along northern side of shed (regularisation under SSD5300 Mod 2).	+ Site inspection on 2/03/21	Yes



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SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Complian ? (Y/N)
	 Up to three 100,000L rainwater tanks in addition to a permeant pool to provide for dust suppression Use of recycled crushed concrete in road pavements and hardstand areas to promote infiltration and reduce the volume of surface runoff. Provision of two OSD basis, one on either side of the watercourse Capture of hydrocarbon, including two Rocla downstream defenders to capture hydrocarbons in oil and grease from runoff. A Humecepter is also to be installed upstream. 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. 	+ 2 x 150,000L water tanks and pump room installed on western side of site (regularisation under SSD5300 Mod 2).) + (2), (3), (4) As per SSD5300 plans and confirmed in site inspection on 2/03/21 + (5) Refer to Appendix C of Operational Environmental Management Plan as approved by the Secretary 26/02/18.	+ Operational Environmental Management Plan	
4.9	Dust and Odour Management	+ Procedures for dust and odour management are given in the	+ Operational	Yes
	The following general dust mitigation will be implemented by Bicorp:	Operational Environmental Management Plan as approved by the Secretary on 26/02/18 (refer to Appendix A – Air Quality	Environmental Management	
	 Material will be watered prior to it being loaded for haulage, where appropriate. 	Management Plan). + (1) Watering observed during site inspection on 2/03/21.	Plan + Site	
	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	 + (2) Water cart observed during site inspection on 2/03/21. Road sweeping contractor used for cleaning road surfaces observed on entry to the site. + (3) Chemical dust suppressants not used on the site. 	inspection on 2/03/21. + Interview with Site	
	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	 + (4) No crushing was carried out on site. + (5) Storage piles are minimized and this was observed during the site inspection on 2/03/21 where pile heights were compliant with consent conditions. + (6) – (11) Practices were observed during the site inspection 	Supervisor and Environmental Manager	
	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	on 2/03/21. Grinding operations were not in operation during inspection. + (12) Indoor composting plant not used.		



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant ? (Y/N)
	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. 7) On site traffic will be controlled by designating specific routes for haulage and access and limiting vehicle speeds to below 25 km/hr. 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. 9) Material spillage on sealed roads will be cleaned up as soon as practicable. 10) A rumble-strip at the interface of the sealed road and the unsealed access road will be provided. 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. The following odour mitigation measures will be implemented by Bicorp:	+ (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 2/03/21. 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 2/03/21. + (17) – (19) Not progressed as composting plant not currently used.		
	 12) Design and installation of an appropriate building ventilation system at negative pressure at all times during operation. 13) A site odour management plan be developed prior to commissioning the facility with the increased capacity. 14) On site storage times of organic material will be minimised prior to processing. 			



SSD5300 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant ? (Y/N)
	 15) If the chosen composting process allows, the matured compost stockpiles will be covered to reduce the ingress of water and reduce odour. 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. 17) Validation sampling of odour from any key odour discharge points will be undertaken after commissioning. 			
	18) Annual odour sampling of the building ventilation stack will be undertaken.			
	19) If required (as demonstrated by annual odour sampling), all air will be treated in an odour control system prior to discharge.			



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

SSD5300 Mod 1 Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor	Compliant? (Y/N)
A2.	Terms of Consent The Applicant shall carry out the Development in accordance with the: 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) The S96(1A) Modification Application to SSD5300 prepared by Jackson Environment and Planning, dated 2017; and f) the modification application SSD 5300 MOD 2 and supporting documentation.	 + The site inspection on 2/03/21 found that the site is not being operated consistent with consent documentation. Specifically, the following activities were being carried out on site: Use of the shed building approved for the crushing and grinding plant under Mod 2 is being used as a workshop Asphalt processing plant and asphalt storage on the approved green waste storage area; Storage of skip bins adjacent to the water quality ponds 	+ Site inspection on 2/03/21 + All consent documentation	No

A1.3 Department of Primary Industries Controlled Activity Approval

It is noted that compliance with the conditions of the Controlled Activity Approval have been indicated as 'Compliant', though this requires further consultation with the Department of Planning, Industry and Environment. This is based on legal advice provided by the applicant to the auditor that has indicated (see Appendix 2):

Pursuant to s 4.41 Environment Planning and Assessment Act 1979 (Act) a water use approval under section 89, a water management work approval under section 90 or an activity approval (other than an aquifer interference approval) under section 91 of the Water Management Act 2000, are not required for State significant development that is authorised by a development consent granted after the commencement of the Act.



Department of Primary Industries Controlled Activity Approval Condition	The approval holder must not transfer this Controlled Activity Approval 10	+ Noted	Evidence assessed and validated by auditor – Jackson Environment and Planning Pty Ltd + N/a	Compliant? (Y/N)
3	ERM2009/1008 without the written approval of DPI Water. 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 not maintained + Applicant has cited legal advice that State Significant Developments are exempt from requiring approvals under the Water Management Act 2000. This is because water management considerations are included in the assessment of major projects and conditions of consent	+ Legal advice provided by Senior Legal Counsel of applicant (refer to Appendix 2). + This matter is to be resolved in discussions with DPIE and an amendment to the development consent made if required.	Yes
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.	+ Noted	+ N/a	N/a - refer to Condition 3
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	+ Facility has received final Occupation Certificate on 23/01/18 (Cert. No. 2306) + Site inspection on 2/03/21	+ Occupation certificate + Site inspection 2/03/21 + Vegetation management report from	Yes



Department of Primary Industries Controlled Activity Approval Condition	iii. Vegetation Management Plan (Version 7), prepared by Southern Habitat, dated October 2015	Evidence of compliance	Evidence assessed and validated by auditor — Jackson Environment and Planning Pty Ltd Toolijooa Environmental	Compliant? (Y/N)
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	Restoration + 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 (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.	+ Toolijooa Environmental Restoration reports on implementation of the VMP. + Reports have not been provided by DPI. + Applicant has cited legal advice that State Significant Developments are exempt from requiring approvals under the Water Management Act 2000. This is because water management considerations are included in the assessment of major projects and conditions of consent	+ Toolijooa Environmental Restoration reports on implementation of the VMP.	Yes
14	The approval holder must relocate any unused or excess materials outside the designated riparian corridor	+ Site inspection 2/03/21 + Site compliant at time of inspection	+ Site inspection 2/03/21	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 + Site compliant	Compliant? (Y/N)
15	The approval holder must not leave any material which could obstruct the flow of water or damage riverbanks on waterfront land at anytime	+ Site inspection 2/03/21 + Site compliant at time of inspection	at time of inspection + Site inspection 2/03/21 + Site compliant at time of inspection	Yes
16	The approval holder must remove surplus material when operations cease and the controlled activity is completed	+ Site inspection 2/03/21 + Site compliant at time of inspection	+ Site inspection 2/03/21 + Site compliant at time of inspection	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 evidence of completion of works as per approved plans	+ Occupation Certificate	Yes
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



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)
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 requirements 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 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.	+ 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



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	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.	+ Composting not currently done on site	+ Site inspection 2/03/21	Yes
3.2	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:	+ Site inspection on 2/03/21and checking of induction procedures confirmed compliance with these requirements. + Training register sighted with details on Asbestos Awareness, POEO Act, EPA licence and EPA Minimum Standards for Managing Construction Waste in NSW training	+ Site inspection 2/03/21 + Bingo Training Needs Register	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)
10.2	A review of ongoing training requirements should be conducted on an annual basis and established based on but not limited to: changes in procedures; changes in regulations; changes in equipment; errors or deficiencies in job performance; and errors in data reporting.	+ Bingo Training Needs Register sighted + Daily and weekly toolbox talks occur and these items are addressed	+ Bingo Training Needs Register + Interview with Site Supervisor	Yes
10.3.2	A simulated test of the PIRMP is to be undertaken annually. The planning of this exercise is to be undertaken by the Operations Manager. 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: Spill; or Fire.	+ Interview with Site Supervisor advised this occurs at least once yearly + Date of late test was 02/04/2020	+ Interview with Site Supervisor	Yes
11.1	Manner in which the plan is to be tested and maintained 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. 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	+ Interview with Site Supervisor advised this occurs at least once yearly + Date of late test was 02/04/2020	+ 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	Review of the Plan 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.	+ PIRMP last updated on 03/04/2020.	+ 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	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.	+ 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.	+ Operational Environmental Management Plan	Yes
6.1	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. 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.	+ Soil and Water Management Plan as per the approved Operational Environmental Management Plan (Appendix C).	+ Operational Environmental Management Plan + Interview with Environmental Manager	Yes
6.2	Reporting A quarterly report will be produced by the Environment and Quality Manager to summarise all monitoring results.	+ Consultant appointed to conduct monitoring in accordance with Operational Environmental Management Plan	+ Advice from Environmental Manager	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.	+ Meteorological station was in not operation throughout 2020 as it was decommissioned on 12/02/20 and was being replaced	+ None – no data was available	No
6.3	Reporting A quarterly report will be produced by the Environment and Quality Manager to summarise all monitoring results.	+ As per Operational Environmental Management Plan approval from DPE on 26/02/18	+ Operational Environmental Management Plan	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	Review and Corrective Action The requirements for the document review are: 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).	+ Operational Environmental Management Plan finalized and approved by the Secretary on 26/02/18 + Annual review to be performed on as required following any incident	+ Operational Environmental Management Plan	YES
10	Complaints and Dispute Resolution 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.	+ Complaints register maintained as part of the company's intranet and published online (see		

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)
		ster-KemblaGrange 2021- 02-03-09-50- 26.pdf?lang=en-AU) + System is in place for review and response to all complaints		
15	Training 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 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.	+ Sighted procedure SOPCOM005 Induction, Competence, Training and Awareness + All records of training entered into the Bingo Training Needs Register	+ SOPCOM005 Induction, Competence, Training and Awareness + Bingo Training Needs Register	Yes



A1.8 Environment Protection Licence

Environment Protection Licence Condition	Consent Condition			Evidence of compliance	Evidence assessed and validated by auditor – Jackson Environment and Planning Pty Ltd	Compliant? (Y/N)
A1.1	This licence authorises the carrying out of the scheduled activities listed below at the premises specified in A2. The activities are listed according to their scheduled activity classification, fee-based activity classification and the scale of the operation. Unless otherwise further restricted by a condition of this licence, the scale at which the activity is carried out must not exceed the maximum scale specified in this condition. Scheduled Activity Fee Based Activity Scale		+ Facility currently complying with EPA Licence 20601 limit condition of 230,000 tpa + Audit of WARRP data, total waste received in 2020 was 95,958.71 tonnes and 19,755.99 tonnes for the first three (3) months of 2021	+ EPA WARRP data for Jan- Dec 2020 + EPA WARRP data for Jan- Mar 2021	Yes	
	Resource recovery Waste storage	Recovery of general waste Waste storage - other types of waste	capacity to receive organics Any general waste recovered Any other types of waste stored	unce (s) months of 2021		
P1.2	The following points referred to in the table are identified in this licence for the purposes of the monitoring and/or the setting of limits for discharges of pollutants to water from the point. Water and land		+ Monitoring point is maintained, with sampling conducted in February, May and November 2019.	+ Pollutant monitoring data published at: + Consulting Earth Sciences (2019). Monitoring Summary Report	Yes	
	EPA Identi- fication no. 1 Surface Water and Discharge		Location Description Pit downstream of Detention Pond referenced as Pit 8A in the drawing titled "Proposed Industrial Development, Lot 10 DP 878167, Wyllie Road, Kembla Grange, Site Plan" drawing no. C307 dated April 2016 (EPA ref. no. DOC18/153547).		(2018/2019) for Kembla Grange Recycling Centre (dated 17 December 2019)	
L2.1		· ·	lisation area specified in the concentration of a pollutant	, ,	+ Pollutant monitoring data published at:	Yes

Environment	Consent Condition	Annual Review Report 2020 – Kembla Grange Recycling Pty I Evidence of compliance Evidence assessed and Compliant?
Protection Licence Condition		validated by auditor – (Y/N) Jackson Environment and Planning Pty Ltd
	discharged at that point, or applied to that area, must not exceed the concentration limits specified for that pollutant in the table.	
	POINT 1 Pollutant Units of Measure 50 Percentile 90 Percentile 3DGM 100 percentile concentration concentration limit limit limit limit	centres/policies/Pollutan t-Monitoring- Results EPL20601-
	pH pH 6.5-8.5 Total milligrams per litre 30 suspended solids	updated-10-02- 2021.pdf?lang=en-AU + Consulting Earth Sciences (2020a; 2020b; 2020c and 2020d)
13.1	The licensee must not cause, permit or allow any waste to be received at the premises, except the wastes expressly referred to in the column title "Waste" and meeting the definition, if any, in the column titled "Description in the table below. Any waste received at the premises must only be used for the activities referred to in relation to that waste in the column titled "Activity" in the table below. Any waste received at the premises is subject to those limits or conditions, any, referred to in relation to that waste contained in the column title "Other Limits" in the table below. This condition does not limit any other conditions in this licence.	+ 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 f
L3.2	The authorised amount of waste permitted on the premises cannot exceed 45,000 tonnes at any time.	+ Audit of WARRP data for 2020 suggested the site complied with this requirement at all times. + EPA WARRP data for Yes 2020 + EPA WARRP data for Jan, Feb and March 2021

Surface and Constitution			port 2020 – Kembia Grange	
Environment Protection Licence Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor – Jackson Environment and Planning Pty Ltd	Compliant? (Y/N)
L3.3	The total combined quantity of unprocessed and processed garden waste and wood waste must not exceed 2,500 cubic metres on the premises at any time. Note: The total combined quantity of unprocessed and processed garden waste and wood waste stored at the premises forms part of the authorised amount.	+ Site inspection done on 2/03/21.	+ Visual inspection of stockpiles on 2/03/21	Yes
L3.4	The total quantity of compost stored at the licensed premises must not exceed 500 cubic metres at any one time. Note: The quantity of compost stored at the licensed premises forms part of the total combined quantity of the garden waste and wood waste permitted to be stored at the premises at any one time and the authorised amount.	+ Site inspection done on 2/03/21. + No composting is done on site.	+ Visual inspection of stockpiles on 2/03/21	Yes
L3.5	The total quantity of waste processed at the premises must not exceed 871 tonnes per day.	+ Waste Monitoring Program as approved by the Secretary DPE on 26/02/18	+ Waste Monitoring Program (Appendix D of Operational Environmental Management Plan)	Yes
L3.6	The total quantity of waste received at the premises must not exceed 230,000 tonnes per annum	+ Facility currently complying with EPA Licence 20601 limit condition of 230,000 tpa + Audit of WARRP data, total waste received in 2019 was 95,958.71 tonnes and 19,755.99 tonnes for the first three (3) months of 2021	+ EPA WARRP data for 2020 + EPA WARRP data for Jan, Feb and March 2021	Yes
L4.1	The licensee is only permitted to receive deliveries and operate machinery at the following times:	+ Site inspection done on 2/03/21.	+ Site inspection done on 2/03/21.	Yes



Environment	Consent Condition	Evidence of compliance	Evidence assessed and	Compliant?
Protection Licence Condition	Consent Condition	Evidence of compilative	validated by auditor – Jackson Environment and Planning Pty Ltd	(Y/N)
	a) Monday - Saturday between the hours of 7am and 6pm;b) Sunday between the hours of 8am to 4pm; andc) At no time on public holidays	+ Advice from operations manager.	+ Advice from operations manager.	
L4.2	The licensee is permitted to carry out all operational activities, excluding those outlined in Condition L4.1, at the following times: a) Monday - Saturday between the hours of 6am and 6pm; b) Sunday between the hours of 8am to 4pm; and c) At no time on public holidays	+ Site inspection done on 2/03/21. + Advice from operations manager.	+ Site inspection done on 2/03/21. + Advice from operations manager.	Yes
L4.3	Conditions L4.1 and L4.2 do not apply if a delivery is required by police or other authorities; and/or there is an on-site emergency that poses an immediate danger to personnel or equipment; and/or the operation or personnel or equipment are endangered. In such circumstances, prior notification shall be provided to the EPA and affected residents as soon as possible, or within a reasonable period in the case of emergency.	+ Not applicable as no emergency or incident occurred in 2020/2021.	+ Not applicable as no emergency or incident occurred in 2020/2021.	Yes
O3.2	The premises must be maintained in a condition which prevents the emission of dust from the premises.	+ All waste processing operations on-site inspection on 2/03/21 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	+ Operational Environmental Management Plan and Appendix A – Air Quality Management. + Site inspection on 2/03/21.	Yes

Environment Protection Licence Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor – Jackson Environment and Planning Pty Ltd	Compliant? (Y/N)
		bunded pad outdoors in designated storage area. + Surface wetting of piles observed for dust control. + Sprinkler system observed designated above waste storage bays.		
O3.3	The licensee must ensure that no material, including sediment or oil, is tracked from the premises.	+ 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 on water management system + Street sweeper observed in operation during site inspection on 2/03/21.	+ Soil and Water Management Plan Program (Appendix C of Operational Environmental Management Plan) + Site inspection across entire site 2/03/21 + Daily Supervisor Checklist	Yes
O3.4	Trucks entering and leaving the premises that are carrying loads must be covered at all times, except during loading and unloading	+ Operational Environmental Management Plan and Appendix A – Air Quality Management. + Site inspection on 2/03/21. + All vehicles observed to be un-tarping prior to entry on 2/03/21.	+ Operational Environmental Management Plan and Appendix A – Air Quality Management. + Site inspection on 2/03/21.	Yes
O4.1	Clean stormwater must be diverted away from all areas where waste is located.	+ Soil and Water Management Plan Program as approved by the Secretary DPE on 26/02/18	+ Site inspection on 2/03/21. + Daily Supervisor Checklist inspected for details on	Yes

STRATEGY INFRASTRUCTURE COMPLIANCE PROCUREMENT		1	port 2020 – Kembia Grange	<u> </u>
Environment Protection Licence Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor – Jackson Environment and Planning Pty Ltd	Compliant? (Y/N)
		+ Daily Supervisor Checklist inspected for details on daily checks on water management system + Site inspection on 2/03/21.	daily checks on water management system.	
O5.1	All stockpiles of unprocessed or processed garden waste, wood waste or compost stored outside must not exceed 3 metres in height.	+ Site inspection on 2/03/21. + Daily Supervisor Checklist inspected.	+ Site inspection on 2/03/21. + Daily Supervisor Checklist.	Yes
O5.2	All stockpiles of waste (excluding garden waste, wood waste and compost) stored outside must not exceed 5 metres in height.	+ Site inspection on 2/03/21. + Stockpile height markings on shed for guidance viewed. + Daily Supervisor Checklist inspected.	+ Site inspection on 2/03/21. + Daily Supervisor Checklist.	Yes
O5.3	All paper, cardboard or plastic stored outside must be within a compacted bale or a covered enclosure that prevents the waste becoming windblown litter.	+ No paper, cardboard or plastic stored outside. + Site inspection on 2/03/21.	+ Not applicable. + Site inspection on 2/03/21.	Yes
O5.4	All composting carried out at the premises must be undertaken in a fully enclosed building under negative atmospheric pressure.	+ Composting not performed on site. + Site inspection on 2/03/21.	+ Not applicable. + Site inspection on 2/03/21.	Yes
O5.5	All compost and mulch products stored outside must be covered with a cover that prevents rainwater infiltration.	+ No compost stored on site. + No mulch stored on site.	+ Site inspection on 2/03/21. + Interview with site manager.	Yes
O5.6	Any waste received at the premises must be assessed and classified in accordance with the EPA Waste Classification Guidelines as in force from time to time.	+ Waste Monitoring Program as approved by the Secretary DPE on 26/02/18	+ Waste Monitoring Program (Appendix D of Operational Environmental Management Plan)	Yes

Environment Protection Licence	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor – Jackson Environment	Compliant? (Y/N)
Condition O5.7	The licensee must not cause or permit the burning of any waste at the premises.	+ No burning conducted at premises.	+ Not appliable.	Yes
M2.1	For each monitoring/discharge point or utilisation area specified below (by a point number), the licensee must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The licensee must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns:	+ Monitoring point is maintained, with sampling conducted in February, May and November 2020.	+ Pollutant monitoring data published at: http://www.bingoindustries.com.au/getattachment/recycling-centres/policies/Pollutant-Monitoring-Results EPL20601-updated-10-02-2021.pdf?lang=en-AU	Yes
M2.2	Water and/ or Land Monitoring Requirements POINT 1 Pollutant Units of measure Frequency Sampling Method pH pH Special Frequency 1 Grab sample Total suspended milligrams per litre Special Frequency 1 Grab sample solids	+ Monitoring point is maintained, with sampling conducted in February, May and November 2020.	+ Pollutant monitoring data published at: http://www.bingoindust ries.com.au/getattachm ent/recycling-centres/policies/Pollutan t-Monitoring-Results_EPL20601-updated-10-02-2021.pdf?lang=en-AU	Yes
M4.1 – M4.2	The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies. M4.2 The record must include details of the following: a) the date and time of the complaint; b) the method by which the complaint was made;	+ Complaints register inspected 2/03/21.	+ Complaints register.	Yes

Environment Protection Licence Condition	Consent Condition	Evidence of compliance	Evidence assessed and validated by auditor – Jackson Environment and Planning Pty Ltd	Compliant? (Y/N)
	 c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect; d) the nature of the complaint; e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and f) if no action was taken by the licensee, the reasons why no action was taken. 			
M4.3	The record of a complaint must be kept for at least 4 years after the complaint was made.	+ Complaints register inspected 2/03/21.	+ Complaints register.	Yes
M5.1	The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.	+ Complaints register inspected 2/03/21. + Signage on gate and contact details on website observed.	+ Complaints register. + Gate signage. + Web site.	Yes