

Annual Review 2024

Site: 14 Rayben Street, Glendenning NSW 2761

Date: 09 January 2025



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1. Overview

This Annual Review has been prepared for the Department of Planning, Housing and Infrastructure ('the Department') as required by Condition C11 of Development Consent SSD 6767 ('the Consent') for the JJ's Waste & Recycling ('JJs') Liquid Waste Facility located at 14 Rayben Street, Glendenning ('the Site').

2. Development

2.1 Previous Year - 2024

Operations

The Site has continued operation of the organics plant in 2024 which involved:

- Storing and treating liquid grease trap waste (K110 type waste) as defined in the Protection of the Environment Operations Act 1997 (POEO Act) for aggregation and transport (post treatment) for beneficial reuse at farms in NSW; and
- Storing and processing liquid food waste (K120 type waste) as defined in the POEO Act for aggregation and transport for beneficial reuse in the cultivation of feed crops on farms in NSW.

The Site has continued operation of the hydrocarbon plant in 2024 which involved:

- Storing used oil (J100 type waste) – including mineral oils unfit for their original intended use, oil filters, transformer fluids (excluding PCB's), waste hydrocarbons for resource recovery, aggregation and transport to re-refining and other facilities for treatment and reuse; and
- Storing industrial oily water (J120 type waste – waste oil / hydrocarbons mixtures / emulsions in water) that has separated from the stored used oil. This resulting waste was then transported to other lawful treatment facilities.

In 2024, no changes to the operational activities occurred. The last operational changes to the facility occurred in 2023, as raised in the previous Annual Review.

2.2 Current Year - 2025

Proposed Operations

The Site will continue the storing and/or treatment (where applicable) of K110, K120, J100 and J120 in 2025.

Each year JJ's strive to improve the performance of the Site as to provide NSW an operation which is beneficial to the environment, state waste recovery goals and the community.

Moving into 2025, JJ's does not have any existing matters of interest with the Department, nor proposed changes to the Site. However, this is subject to business needs, ongoing improvement reviews and where changes are required JJ's shall liaise with the Department in alignment with relevant NSW planning / legislative requirements.

Operations Forecast

The below table identifies the amount of waste which was received at the Site in 2024 and JJ's forecasted receival volumes in 2025.

Material	Approved Annual Limit (Condition A6)	2024 (Actual)	2025 (Forecast)
Liquid organic waste (K110 and K120 waste codes)	62,000 T	27,900,640 L	28,000,000 L
Used oil / industrial oily water (J100 and J120 waste codes)		19,219,300 L	21,000,000 L

Operational Review

As required by Condition C12 of the Consent, we will conduct a review of the strategies, plans and programs required under the Consent and make revisions where we consider necessary. The audit process will also be utilised as a mechanism for our operational review through any recommendations and/or areas of improvement identified.

3. Water Treatment and Non-Potable Water Use

Water Treatment

The Site commenced grease trap receipt and treatment in May 2018. The treatment results in the separation of the sludge and water wherein the water is discharged to sewer as authorised by Trade Waste Consent No. 39115 issued by Sydney Water ('the Trade Waste Consent').

Samples of the water are taken by a representative of Sydney Water and analysed. In addition, relationship management meetings are held between Sydney Water and JJ's to discuss the Site's compliance with Sydney Water requirements.

In 2024, one exceedance of the discharged limits under the Trade Waste Consent occurred in October 2024. JJ's immediately commenced working with Sydney Water and continue to do so, to ensure that the trade wastewater discharged from the Site is compliant. The discharge results in November and December 2024 were compliant, with the minor exceedance in October 2024 expected to be a one-off anomaly.

Further to the above, JJ's in early 2025 shall seek a new agreement with the current trade waste agreement due to expire in April 2025. Consultation with Sydney Water is ongoing and a new agreement is expected to be in place prior to the expiry of the existing approval.

Finally, JJ's record the daily water discharge amounts through our inventory and estimate a total water discharge of 13,546,872 litres in 2024 in comparison to 13,684,040 litres in 2023.

Non-Potable Water Use

A rainwater collection system is in place at the Site. The water is used in the plant for washdown purposes.

4. Monitoring Results

The Consent includes conditions relating to continual meteorological, waste and noise monitoring.

4.1 Waste Monitoring

JJ's implemented a Waste Monitoring Program at the commencement of the Site operations in accordance with Condition B2 of the Consent to monitor the following:

- Quantity, type and source of the waste received on site; and
- Quantity, type and quality of the outputs produced on site.

The Waste Monitoring Program utilises the below records to monitor the abovementioned requirements as per the OEMP:

- *FRM-NSW-ACT-116 Daily Waste Oil Receipt Form;*
- *FRM-NSW-ACT-112 Daily Oily Water Receipt Form;*
- *FRM-NSW-ACT-113 Daily Organic Waste Receipt Form;*
- *FRM-NSW-ACT-114 Treated Grease Trap Sludge Dispatch Form; and*
- *FRM-NSW-ACT-115 Waste Oil Dispatch Form.*

The above forms were reviewed as part of the Site's Environmental Assurance review, which was conducted in November 2024, and these records are being reviewed for any improvement opportunities to ensure that they reflect the current operations and to ensure appropriate information is captured and recorded.

In addition to the paper forms, an electronic inventory is maintained to record the amounts of organics and hydrocarbons on site at any one time and to ensure the annual receipt limit is complied with.

4.2 Meteorological Monitoring

The Site has a meteorological station that complies with the requirements of the Approved Methods for Sampling of Air Pollutants in New South Wales as at the time of installation.

EIS

All possible sources of unacceptable air and odour emissions from activities on the Site that were identified as potential impacts in the EIS have been appropriately mitigated and as such have not been identified as issues during any monitoring.

Where any complaints or concerns were raised, noting there were nil complaints or concerns in 2024, the data from the meteorological station may be utilised to determine compliance.

4.3 Noise Monitoring

Noise monitoring will be conducted in response to valid complaints or at the request of the Department.

The Site did not receive any complaints and/or requests from the Department, as such noise monitoring was not conducted in 2024.

Previous Years

The Site did not receive any complaints and/or requests from the Department, as such noise monitoring was not conducted in 2018, 2019, 2020, 2021, 2022 and 2023.

EIS

The EIS identifies potential noise impacts from the Site, however as the Site has not received and/or been provided notification of any noise complaints, we consider that the mitigation measures implemented have been successful.

4.4 Odour Monitoring

The expressed air within the organics plant passes through activated carbon filter/s (Filter 1 – connected to the Grease Trap Plant & Filter 2 – Liquid Food Plant / KDS) prior to discharge to the atmosphere.

In order to ensure that the carbon filter is effective at all times, site personnel conduct odour monitoring, and replacement activated carbon is stored on site in the event a filter requires replacement.

The activated carbon did not require replacement in 2024, with Filter 1 and Filter 2 fully operational during 2024. No change to the activated carbon media was required as odours have not been detected at levels requiring a response during the odour monitoring or by external parties (i.e. no odour complaints received in 2024).

Previous Years

The activated carbon did not require replacement in previous years. The grease trap plant filter has been effectively in operation since inception and the Liquid Food Plant / KDS was installed with “fresh” media in 2023.


EIS

All possible sources of unacceptable air and odour emissions from activities on the Site that were identified as potential impacts in the EIS have been appropriately mitigated and as such have not been identified as issues during monitoring.

5. Complaints

The Site did not receive any complaints in 2024. This identifies that the Site is operating effectively and the control measures in place to mitigate any noise and/or odour are adequate.

The Site will continue to closely monitor results to ensure continued compliance.



6. Compliance

The Site did not have any notifiable incidents in 2024. This identifies that the Site is operating effectively and control measures in place to mitigate harm to the environment are adequate.

The Site will continue to closely monitor results / its operations to ensure continued compliance.

7. Trends in Monitoring Data

JJ's have not identified any trends in the monitoring data.

8. Predicted and Actual Impacts

No discrepancies have been identified between the predicated and actual impacts of the Development.

9. Environmental Performance

The Site has not received any complaints or notices from the community and/or from regulatory bodies in 2024. No issues relating to environmental performance have been identified internally, by the community and/or from regulatory bodies.

As such, the Site will continue to follow the current internal procedures to ensure meteorological and odour monitoring is conducted (as required). Where the monitoring identifies any issues, the Site in association with HSEQ will conduct an immediate review.



Attachment 1 – Submission of 2023 Annual Review

