

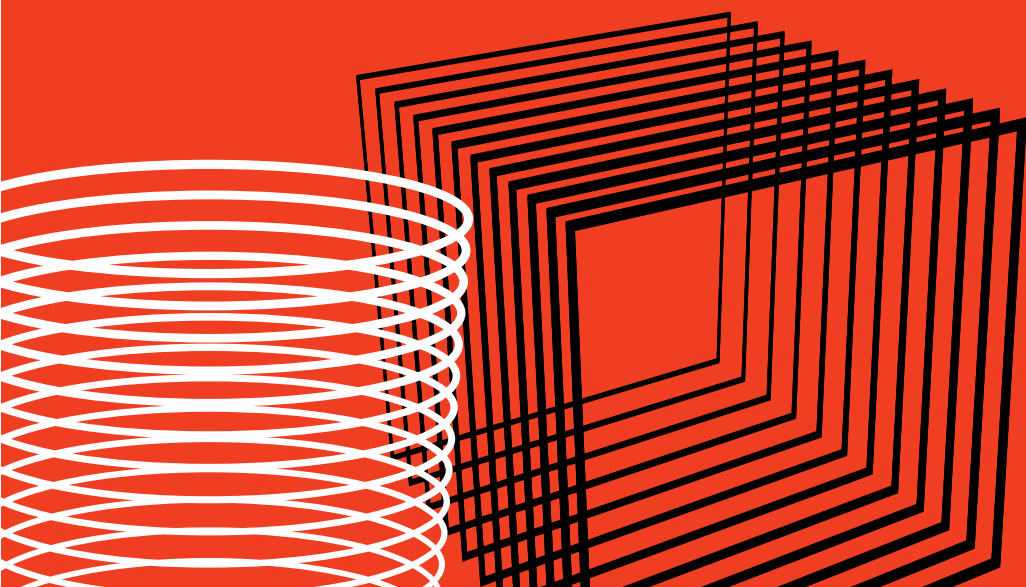


Orora Botany Mill

DA 05_0120

**Annual Environmental
Monitoring Report**

July 2016 – June 2017



1 Introduction

As per the ongoing requirement of Development Approval 05_0120, this Orora submission covers condition 34: the Annual Environmental Monitoring Report (AEMR).

This AEMR details environmental performance and works carried out during the 12 month reporting period from July 2016 to June 2017.

2 Description of Works

2.1 Works Conducted

Demolition of the B5 building was finalised in July 2016.

The upgrade of the existing on-site wastewater treatment plant was approved in September 2016 under Modification 6. Civil works for the secondary water treatment plant commenced in November 2016.

Following a review of the noise mitigation strategy to allow for the demolition of the B7 building, Modification 5: Revised Stage 2 Noise Barrier plan was submitted to the NSW Department of Planning and NSW EPA in May 2017 and subsequently approved.

2.2 Works Planned for the next reporting period

Completion of the construction works for the Secondary Water Treatment plant is expected in October 2017, when commissioning of the plant will begin. Commissioning is expected to be complete by the end of 2017.

The construction of the noise wall will occur in September 2017, with the demolition of B7 to begin in October 2017. It is expected that this work will take six months to complete.

3 Environmental Performance

3.1 Community Complaints

During the reporting period, B9 received 10 complaints via the Orora Environment Hotline and the EPA.

These complaints were divided between the following categories:

- Noise: 7 complaints
- Odour: 0 complaints
- Trees: 0 complaints
- Other: 3 complaints

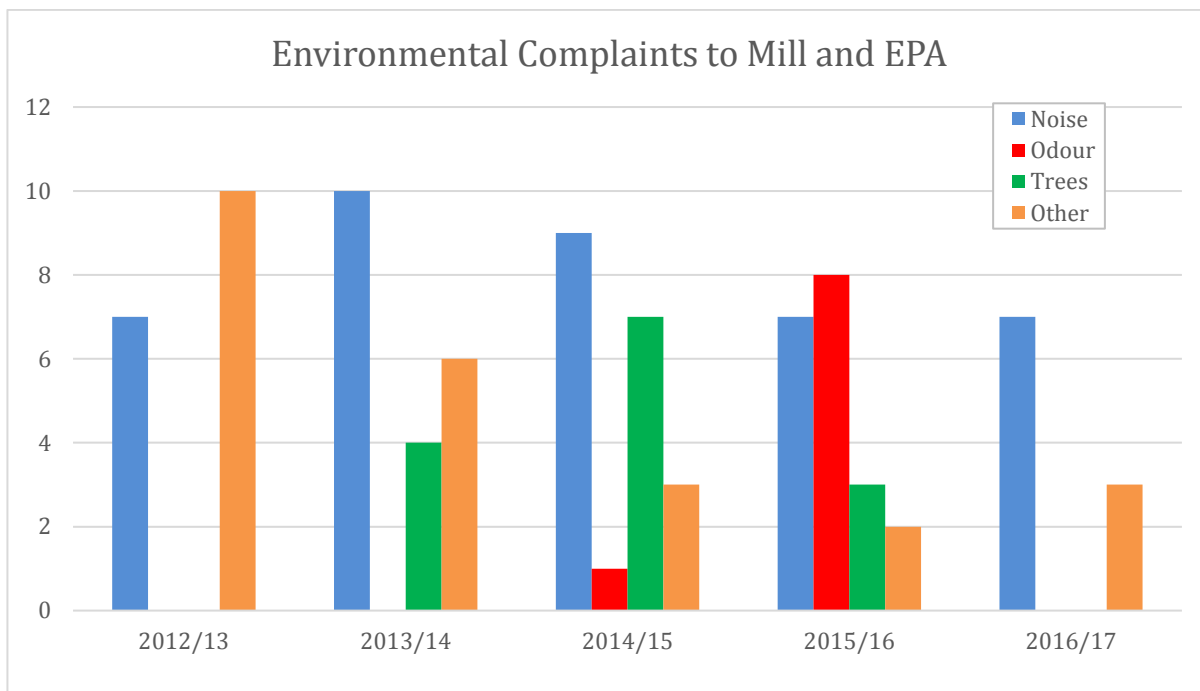
Five of the seven noise complaints were over a two-month period April and May 2017. These complaints were for a cutting/grinding noise at night from one resident. Orora was unable to find the source of this noise on the premises.

Two other noise complaints were received: one for trucks turning left in McCauley Street out of the Orora premises, and the other for a noisy front-end loader bucket. Both issues were rectified immediately.

Three “other” complaints were received:

- Vibration due to earth works for the secondary water treatment plant.
- Lack of security in “old mill” area.
- Steam coming out of a stormwater drain.

Figure 1: Historical Complaints Data



3.2 Community Liaison group meetings

Community Liaison group meetings were held on a 4-monthly basis during the reporting period on the following dates:

- July 21st, 2016
- November 1st, 2016
- March 2nd, 2017
- June 29th, 2017

Information relating to progression of works, production performance and environmental complaints were presented and discussed.

Minutes from each meeting have been posted on the Orora website www.ororagroup.com

3.3 Community Notifications

One community update flyer was sent to neighbouring residences in April 2017.

This flyer detailed the plan for the demolition of the B7 building, erection of the noise wall, completion of the B5 building demolition, plans for the construction of the secondary water treatment plant, and the Long Dam upgrade.

3.4 Environmental Incidents

There were no reportable environmental incidents during the reporting period.

3.5 Noise Monitoring

Noise monitoring, as required by the Botany Mill Environmental Protection Licence (EPL) was conducted on a quarterly basis during the reporting period. These noise monitoring reports can be found on the Orora website: www.ororagroup.com.au.

Noise contribution from the site was found to be compliant.

3.6 Water Use

B9 currently has the following water access licence (WAL) and Approval for extracting groundwater:

- WAL 36382
- Approval 10WA118709

Usage for the reporting period was within licence limits.

3.7 Sydney Water Trade Waste

Eight-day effluent testing was performed, with results sent to Sydney Water as per the Consent to Discharge Industrial Trade Wastewater.

3.8 NSW EPA Environmental Protection Licence (EPL)

The Annual return for the Botany Mill EPL 1594 was submitted in April 2017 as required. All conditions of the licence were compliant.

3.9 Traffic

There has been no change to traffic volumes since last reported in 2015/16.

3.10 Waste

Operational Wastes differed from those predicted in the Operational Waste Management Plan as was submitted in 2012.

Table 1: Comparison of predicted and actual waste generation.

Waste	Waste Management Plan	Current Performance	Management
Coarse Rejects	28,000 T	33,000 T	10,000 T to processing of alternative fuel 23,000 T landfill
Fine Rejects	11,000 T	31,500 T	Re-use as Soil improver under EPA exemption
Waste Oil	10,000 L	72,800 L	Recycled
Scrap Metal	10 T	44 T	Recycled

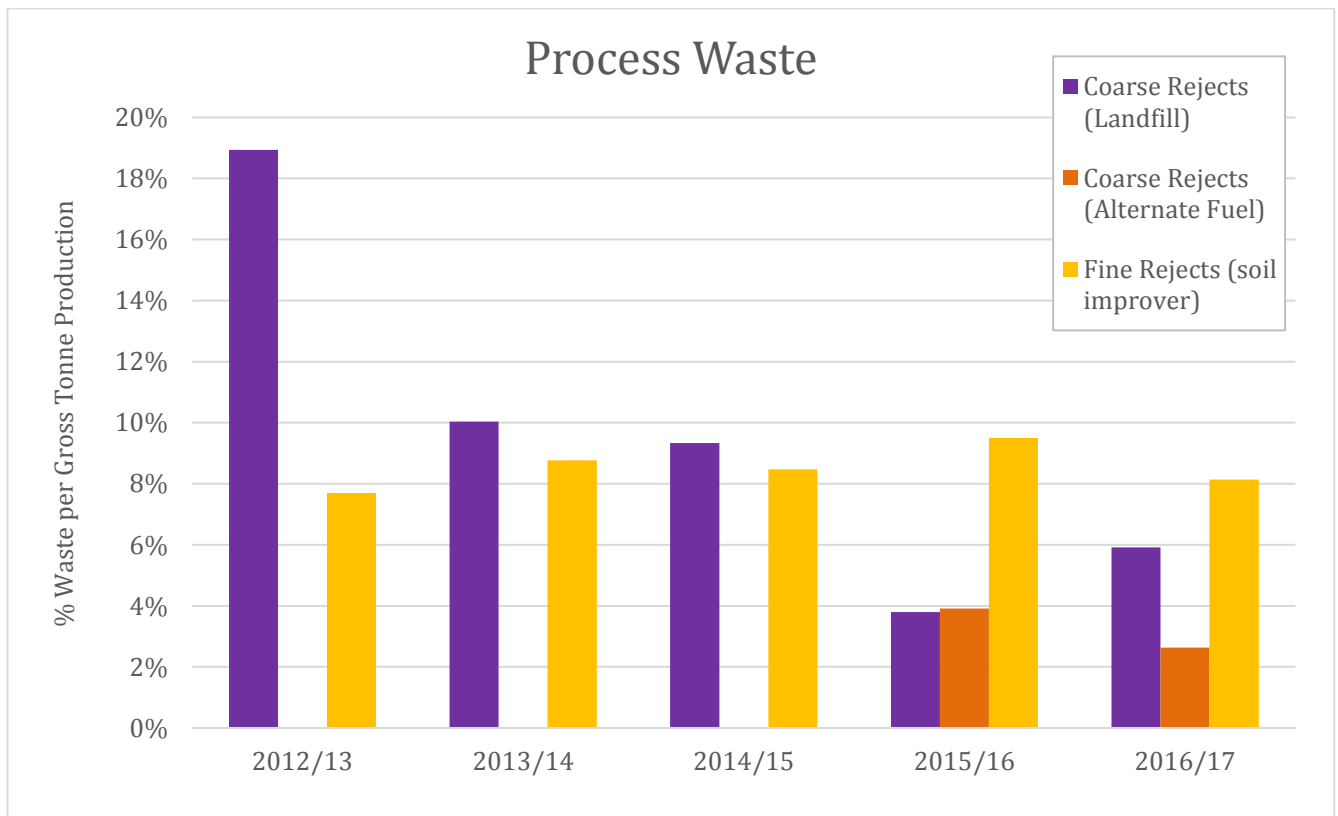


Figure 2: Historical Process Waste Data

The final section of the demolition work on the old B5 building was completed. This generated the following wastes:

Waste	Tonnes Generated	Management
Rubble	1316	Recycled
General Solid Waste	22	Landfill

98% of the demolition waste was recycled. The “Rubble” consisted of bricks and concrete. This material was crushed and screened to produce alternatives to quarry products.