

Cargill Community Update - Brooklyn

June 2014

History

Cargill operates a vegetable oil processing plant located at 425 Somerville Rd, Brooklyn (formerly West Footscray) on the corner of Holmwood Rd. Oilseed processing began on the site in the 1950's originally by Meggitts, before being purchased by Cargill in 1982. The facility primarily processes canola seed to produce crude degummed oil and protein meal.

There was an increase in odour complaints in early 2010 as well as a spot site visit from the EPA in June 2010 which found other environmental issues. Cargill engaged consultants The Odour Unit to review the installed system and make recommendations for improvement. The Odour Unit are Australia's leading consultant in the prevention of odour from industrial facilities and biofilters in particular

Cargill entered into an Enforceable Undertaking with the EPA in April 2011 as an alternative to court action to deliver environmental benefits beyond compliance. The enforceable undertaking will be in place til December 2014.

Odour Control System Audit

The Odour Unit have completed an initial system review of all installed odour control equipment and, as part of the requirements of the Enforceable Undertaking, complete quarterly an odour control system audits. The results of all audits are forwarded to the EPA and acted upon by Cargill.

The last odour audit was conducted in May 2014. The findings from this audit were as follows;

- The Prep Building odour collection system was found to be working well and achieving low levels of odour inside the building. Odour capture at each of the process units was found to be effective, with no visual evidence of fugitive leakages from the processing units. The odour removal performance of the biofilter was satisfactory and meets the EPA target odour concentration of 1,000 ou.
- Following the refurbishing of the western cell of the extraction biofilter the target outlet concentration of 1,000 ou was achieved.



Odour Control System Changes Since September 2013

- The internal structure of the extraction biofilter was refurbished in May 2014. This was prompted by a reduced capacity experienced in recent months.
- Humidification sprays have been installed on the dust collector discharge duct that enters the biofilter in the preparation building. This is designed to maintain a moist environment within the biofilter required for odour reduction.



Plans for next 12 Months

Over the next 12 months Cargill plans to conduct the following Activities to maintain its Odour Control Systems;

- Refurbish the East cell of the extraction Biofilter. This will be completed in line with the changes made to the West cell in May 2014.
- Refurbish both cells on the biofilter in the preparation building.

For further information please contact Joe Coleiro by phone on 9316 0323 or by email via joe_coleiro@cargill.com